



# 2025 CATALOG



WE ARE READY!  
Watch Video







With more than 25 years of experience in air conditioning and ventilation, Cooper&Hunter has grown into a leading HVAC market player. The brand is dedicated to technological innovation and consumer-driven product development, generating HVAC equipment that adheres to the highest quality standards, providing reliable, energy-efficient, and cost-effective air conditioning solutions.

While products under the Cooper&Hunter brand are distributed in more than 55 countries worldwide, the brand's growth within the US market has been rapid. Cooper&Hunter stands out from big-name brands by providing quality support to customers and technicians alike, with their in-house technical support team offering troubleshooting and warranty support Monday through Friday from 9am to 5pm in 5 different languages (including English, Spanish, Mandarin, Russian, and Ukrainian).



Cooper&Hunter is proud to sponsor the New York Yankees, NASCAR, Florida Panthers, and Miami Zoo because these partnerships reflect our commitment to excellence, innovation, and community engagement. The New York Yankees represent a storied legacy of success and ambition, while NASCAR embodies the thrill of speed and precision engineering—both values we share. Supporting the Florida Panthers aligns with our dedication to teamwork and perseverance, and our partnership with the Miami Zoo highlights our commitment to environmental sustainability and education. Together, these sponsorships allow us to connect with diverse audiences, celebrate shared values, and foster a sense of community across different arenas.



### Florida Panthers Celebrate Victory!

Once again, Cooper&Hunter has re-newed our Sponsorship Agreement with the Florida Panthers. Just Recently, after a 30-year journey, the Panthers finally etched their name in hockey history, avoiding a collapse after losing three consecutive games. The Florida Panthers clinched their first-ever Stanley Cup title! In a thrilling Game 7 showdown against the Edmonton Oilers, the Panthers secured a hard-fought 2-1 victory.



### HVAC Meets High-Octane!

We are thrilled to continue our sponsorship with MBM Motorsports, a team we deeply admire and respect for their achievements and values. Supporting **Chad Finchum**, an HVAC Technician, Client, and Nascar Driver, who has consistently demonstrated his skills and talent in the sport, is a source of pride for us. We believe this partnership perfectly represents the synergy between HVAC excellence and NASCAR speed.



### Home Run Collaboration!

Cooper&Hunter is thrilled to announce our renewed sponsorship of the New York Yankees! They did an outstanding job in 2024, winning the East and American leagues again. We are confident that this partnership will continue to thrive in 2025. Our collaboration with the Yankees aligns perfectly with our brand's values of striving for excellence and innovation. We look forward to supporting the team in their future endeavors and continuing to engage with the community through this prestigious partnership.



### Chilling with Nature!

Cooper&Hunter is proud to sponsor the Miami Zoo Foundation, the non-profit partner of Zoo Miami. This sponsorship aligns with Cooper&Hunter's mission to support wildlife conservation, environmental sustainability, and community engagement. Additionally, as HVAC experts, Cooper&Hunter has provided Astoria units for optimal climate control in various animal habitats, ensuring a comfortable and healthy environment for the animals.



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**CH**  
Cooper & Hunter

# Making Hot Rooms Cool And Cold Rooms Cozy

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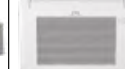
# HYPER and REGULAR Series



*The newest generation of outdoor units now provide a wide range of compatibility across Cooper&Hunter's vast product selection to better serve any project configuration.*

**SINGLE-ZONE**

UNIT MATCH-UPS REGULAR

| Btu/h                                                                            |                                                                                                        | Astoria<br>Astoria Pro                                                            | Olivia                                                                            | Olivia Midnight                                                                   | Ceiling Cassette<br>Ceiling Cassete Pro                                           | One-Way Cassette                                                                  | Slim Duct                                                                          | Mini Console                                                                        | Floor Ceiling                                                                       | Multi-Position<br>Air Handler                                                       |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |                                                                                                        |  |  |  |  |  |  |  |  |  |
| 6K                                                                               | <br>CH-RES06-115VO    |                                                                                   | CH-R060LVWM-115VI                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| 9K                                                                               | <br>CH-RES09-115VO    |                                                                                   | CH-R090LVWM-115VI                                                                 | CH-RB090LVWM-115VI                                                                |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| 12K                                                                              | <br>CH-RES12-115VO    |                                                                                   | CH-R120LVWM-115VI                                                                 | CH-RB120LVWM-115VI                                                                |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| 9K                                                                               | <br>CH-RES09-230VO    | CH-RH09MASTWM-230VI<br>CH-PRO09MASTWM-230VI                                       | CH-R09MOLVWM-230VI                                                                | CH-RB09MOLVWM-230VI                                                               | CH-RH09MCT<br>CH-RSH09-12MCT<br>(Dip Switch for 9K)                               | CH-RSH06-12MCT1W<br>(Dip Switch for 9K)                                           | CH-RS09MDT-MS<br>CH-RS06-12MDT- MS<br>(Dip Switch for 9K)                          | CH-RSH09MMC                                                                         |                                                                                     |                                                                                     |
| 12K                                                                              | <br>CH-RES12-230VO    | CH-RH12MASTWM-230VI<br>CH-PRO12MASTWM-230VI                                       | CH-R12MOLVWM-230VI                                                                | CH-RB12MOLVWM-230VI                                                               | CH-RH12MCT<br>CH-RSH09-12MCT<br>(Dip Switch for 12K)                              | CH-RSH06-12MCT1W<br>(Dip Switch for 12K)                                          | CH-RS12MDT-MS<br>CH-RS06-12MDT- MS<br>(Dip Switch for 12K)                         | CH-RSH12MMC                                                                         |                                                                                     |                                                                                     |
| 18K                                                                              | <br>CH-RES18-230VO    | CH-RH18MASTWM-230VI<br>CH-PRO18MASTWM-230VI                                       | CH-R18MOLVWM-230VI                                                                | CH-RB18MOLVWM-230VI                                                               | CH-RH18MCT<br>CH-RSH18MCT                                                         | CH-RSH18MCT1W                                                                     | CH-RS18MDT-MS                                                                      | CH-RSH16MMC                                                                         | CH-RSH18MFC                                                                         | CH-RS18MAHU                                                                         |
| 24K                                                                              | <br>CH-RES24-230VO   | CH-RH24MASTWM-230VI<br>CH-PRO24MASTWM-230VI                                       | CH-R24MOLVWM-230VI                                                                | CH-RB24MOLVWM-230VI                                                               | CH-RH24MCT<br>CH-RSH24MCT                                                         |                                                                                   | CH-RS24MDT-HS                                                                      |                                                                                     | CH-RSH24MFC                                                                         | CH-RS24MAHU                                                                         |
| 30K                                                                              | <br>CH-REL30-230VO  | CH-RH30MASTWM-230VI<br>CH-PRO30MASTWM-230VI                                       | CH-R30MELVWM-230VI                                                                |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | CH-RS30MAHU                                                                         |
| 36K                                                                              | <br>CH-REL36-230VO  | CH-RH36MASTWM-230VI<br>CH-PRO36MASTWM-230VI                                       | CH-R36MELVWM-230VI                                                                |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| 36K                                                                              | <br>CH-R36LCU-230VO |                                                                                   |                                                                                   |                                                                                   | CH-RH36LCCT<br>CH-RSH36LCCT                                                       |                                                                                   | CH-RS36LCDT-HS                                                                     |                                                                                     | CH-RSH36LCFC                                                                        | CH-RS36LCAHU                                                                        |
| 48K                                                                              | <br>CH-R48LCU-230VO |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | CH-RS48LCDT-HS                                                                     |                                                                                     | CH-RSH48LCFC                                                                        | CH-RS48LCAHU                                                                        |
| 60K                                                                              | <br>CH-R60LCU-230VO |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | CH-RS60LCDT-HS                                                                     |                                                                                     | CH-RSH60LCFC                                                                        | CH-RS60LCAHU                                                                        |

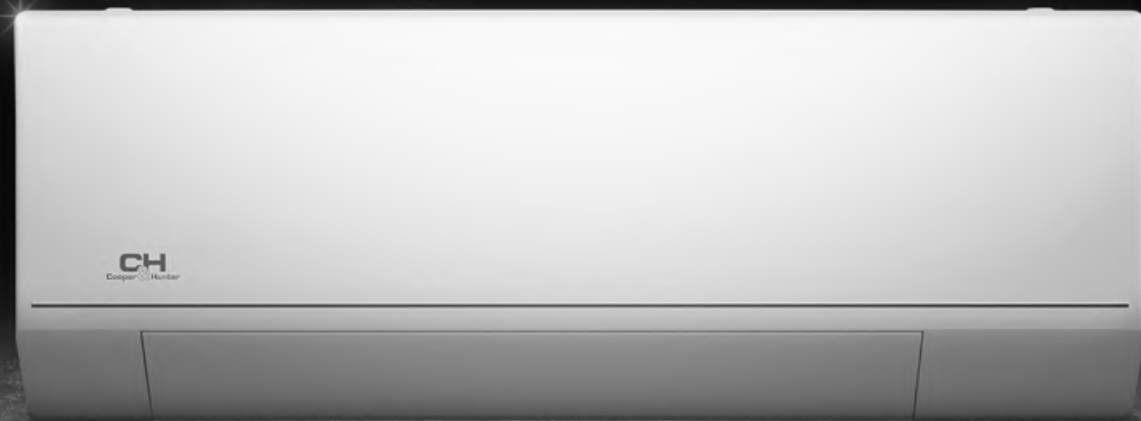
UNIT MATCH-UPS HYPER

| Btu/h                                                                               |                                                                                                            | Astoria<br>Astoria Pro                                                              | Olivia                                                                              | Olivia Midnight                                                                     | Ceiling Cassette<br>Ceiling Cassette Pro                                            | One-Way Cassette                                                                    | Slim Duct                                                                           | New Console                                                                         | Floor Ceiling                                                                       | Multi-Position<br>Air Handler                                                       |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |                                                                                                            |  |  |  |  |  |  |  |  |  |
| 6K                                                                                  | <br>CH-RHP06F9-230VO    | CH-RH06MASTWM-230VI<br>CH-PRO06MASTWM-230VI                                         | CH-R06MOLVWM-230VI                                                                  | CH-RB06MOLVWM-230VI                                                                 |                                                                                     | CH-RSH06-12MCT1W<br>(Dip Switch for 6K)                                             | CH-RS06MDT-MS<br>CH-RS06-12MDT- MS<br>(Dip Switch for 6K)                           |                                                                                     |                                                                                     |                                                                                     |
| 9K                                                                                  | <br>CH-RHP09-230VO      | CH-RH09MASTWM-230VI<br>CH-PRO09MASTWM-230VI                                         | CH-R09MOLVWM-230VI                                                                  | CH-RB09MOLVWM-230VI                                                                 | CH-RH09MCT<br>CH-RSH09-12MCT<br>(Dip Switch for 9K)                                 | CH-RSH06-12MCT1W<br>(Dip Switch for 9K)                                             | CH-RS09MDT-MS<br>CH-RS06-12MDT- MS<br>(Dip Switch for 9K)                           | CH-RSH09MMC                                                                         |                                                                                     |                                                                                     |
| 12K                                                                                 | <br>CH-RHP12-230VO      | CH-RH12MASTWM-230VI<br>CH-PRO12MASTWM-230VI                                         | CH-R12MOLVWM-230VI                                                                  | CH-RB12MOLVWM-230VI                                                                 | CH-RH12MCT<br>CH-RSH09-12MCT<br>(Dip Switch for 12K)                                | CH-RSH06-12MCT1W<br>(Dip Switch for 12K)                                            | CH-RS12MDT-MS<br>CH-RS06-12MDT- MS<br>(Dip Switch for 12K)                          | CH-RSH12MMC                                                                         |                                                                                     |                                                                                     |
| 15K                                                                                 | <br>CH-RHP15-230VO      | CH-RH15MASTWM-230VI<br>CH-PRO15MASTWM-230VI                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 18K                                                                                 | <br>CH-RHP18-230VO      | CH-RH18MASTWM-230VI<br>CH-PRO18MASTWM-230VI                                         | CH-R18MOLVWM-230VI                                                                  | CH-RB18MOLVWM-230VI                                                                 | CH-RH18MCT<br>CH-RSH18MCT                                                           | CH-RSH18MCT1W                                                                       | CH-RS18MDT-MS                                                                       | CH-RSH16MMC                                                                         | CH-RSH18MFC                                                                         | CH-RS18MAHU                                                                         |
| 24K                                                                                 | <br>CH-RHP24-230VO      | CH-RH24MASTWM-230VI<br>CH-PRO24MASTWM-230VI                                         | CH-R24MOLVWM-230VI                                                                  | CH-RB24MOLVWM-230VI                                                                 | CH-RH24MCT<br>CH-RSH24MCT                                                           |                                                                                     |                                                                                     |                                                                                     | CH-RSH24MFC                                                                         | CH-RS24MAHU                                                                         |
| 33K                                                                                 | <br>CH-RHP33-230VO     | CH-RH33HASTWM-230VI<br>CH-PRO33HASTWM-230VI                                         | CH-RH33HELVWM-230VI                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 36K                                                                                 | <br>CH-RHP36LCU-230VO |                                                                                     |                                                                                     |                                                                                     | CH-RH36LCCT<br>CH-RSH36LCCT                                                         |                                                                                     |                                                                                     | CH-RS36LCDT-HS                                                                      | CH-RSH36LCFC                                                                        | CH-RS36LCAHU                                                                        |
| 48K                                                                                 | <br>CH-RHP48LCU-230VO |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | CH-RS48LCDT-HS                                                                      | CH-RSH48LCFC                                                                        | CH-RS48LCAHU                                                                        |
| 60K                                                                                 | <br>CH-RHP60LCU-230VO |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | CH-RSH60LCFC                                                                        | CH-RS60LCAHU                                                                        |





# A PROFESSIONAL UNIT MADE FOR PROFESSIONALS



6K, 9K, 12K, 15K, 18K, 24K,  
30K, 33K, 36K Btu/h

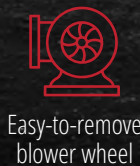
- E-Box and PCB located in the front of the unit with a cover kickstand providing easy access.
- Revolutionary design offers convenient disassembly & maintenance with an easy-to-remove blower wheel.
- Included Refrigerant Sensor and Humidity Sensor.
- Larger air inlet/outlet for improved air flow.
- Auto-Swing for vertical and horizontal louvers.
- Easy to remove magnetic filter on top.
- Compatible with regular (-13°F) or Hyper (-22°F) outdoor units.
- Self-Cleaning function (Single-Zone only).
- Follow Me mode.
- Eco Mode (Single-Zone only).
- 46° Freeze Protection.



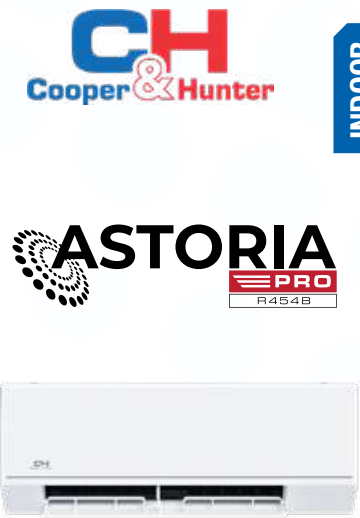
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INFORMATIONAL  
VIDEO



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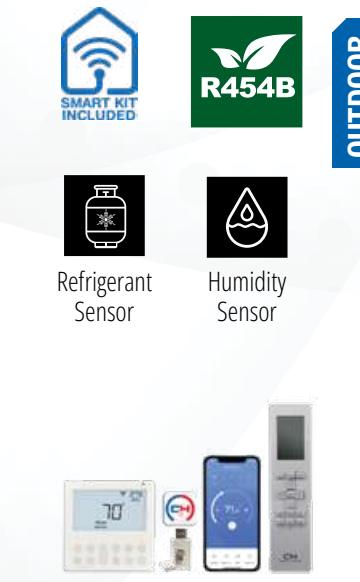


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INDOOR

| Indoor Model                           |                   |           | CH-PRO06MASTWM-230VI          | CH-PRO09MASTWM-230VI          | CH-PRO12MASTWM-230VI          | CH-PRO15MASTWM-230VI        | CH-PRO18MASTWM-230VI      | CH-PRO24MASTWM-230VI      | CH-PRO33HASTWM-230VI      | CH-PRO09MASTWM-230VI          | CH-PRO12MASTWM-230VI                  | CH-PRO18MASTWM-230VI      | CH-PRO24MASTWM-230VI      | CH-PRO30MASTWM-230VI      | CH-PRO36MASTWM-230VI          |
|----------------------------------------|-------------------|-----------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|---------------------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|
| Power Supply                           | Rated             | V, Ph, Hz | 208/230,60,1                  | 208/230,60,1                  | 208/230,60,1                  | 208/230,1, 60               | 208/230,60,1              | 208/230,60,1              | 208/230,60,1              | 208/230,60,1                  | 208/230,60,1                          | 208/230,60,1              | 208/230,60,1              | 208/230,60,1              | 208/230,60,1                  |
| Rated Capacity                         | Cooling           | Btu/h     | 6,000                         | 9,000                         | 12,000                        | 15,400                      | 18,000                    | 24,000                    | 33,000                    | 9,000                         | 12,000                                | 18,000                    | 24,000                    | 30,000                    | 36,000                        |
|                                        | Heating           | Btu/h     | 7,000                         | 12,000                        | 12,000                        | 15,400                      | 18,000                    | 29,000                    | 36,000                    | 10,000                        | 12,000                                | 18,000                    | 25,000                    | 30,000                    | 36,000                        |
| Minimum Circuit Ampacity (MCA)         |                   | A         | 3                             | 3                             | 3                             | 3                           | 3                         | 3                         | 3                         | 3                             | 3                                     | 3                         | 3                         | 3                         | 3                             |
| Max. Fuse                              |                   | A         | 15                            | 15                            | 15                            | 15                          | 15                        | 15                        | 15                        | 15                            | 15                                    | 15                        | 15                        | 15                        | 15                            |
| Indoor Air Flow (Turbo/Hi/Mi/L0/Si)    |                   | CFM       | 382.6/323.7/229.6/176.6/147.2 | 441.4/323.7/229.6/176.6/147.2 | 441.4/323.7/229.6/176.6/147.2 | 635.7/500.3/359.0/294.3 / / | 635.7/500.3/359.0/294.3/- | 812.3/618.0/412.0/317.8/- | 865.2/735.8/600.4/423.8/- | 441.4/323.7/229.6/176.6/147.2 | 441.4 / 323.7 / 229.6 / 176.6 / 147.2 | 635.7/500.3/359.0/294.3/- | 812.3/618.0/412.0/317.8/- | 882.9/635.7/506.2/382.6/- | 882.9/635.7/506.2/382.6/323.7 |
| Indoor Noise Level (Turbo/Hi/Mi/L0/Si) |                   | dB(A)     | 44.0/36.5/32.5/22.0/19.5      | N\A/38/33/20.5/19.5           | 47/36.5/32.5/22/19.5          | 49.5/45.0/38.0/31.5/19.5    | 49.5/45.0/38.0/31.5/19.5  | 54.5/43.5/38.5/27/16      | 57.0/53.0/46.5/35.5/29.5  | 47.5/43/31/18/17              | 46/38/33.0/18.0/18                    | 49/45/39/28/20            | 51.5/43.5/39.5/21.5/19    | 53.0/45.5/40/30.5/19.5    | N\A/49/43.5/34.5/31.5         |
| Indoor                                 | Dimension (WxDxH) | inch      | 33.74x9.09x11.81              | 33.74x9.09x11.81              | 33.74x9.09x11.81              | 40.31x9.69x12.64            | 40.31x9.69x12.64          | 47.13x11.02x14.61         | 47.13x11.02x14.61         | 33.74x9.09x11.81              | 33.74 x 9.09 x 11.81                  | 40.31x9.69x12.64          | 47.13x11.02x14.61         | 47.13x11.02x14.61         | 47.13x11.02x14.61             |
|                                        | Packing (WxDxH)   | inch      | 36.22x12.20x14.57             | 36.22x12.20x14.57             | 36.22x12.20x14.57             | 43.11x12.80x15.75           | 43.11x12.80x15.75         | 50.39x14.17x17.91         | 50.39x14.17x17.91         | 36.22x12.20x14.57             | 36.22x12.20x14.57                     | 43.11x12.80x15.75         | 50.39x14.17x17.91         | 50.39x14.17x17.91         | 50.39x14.17x17.91             |
|                                        | Net/Gross Weight  | lbs.      | 22.93/29.32                   | 23.37/29.98                   | 22.93/29.32                   | 27.34/36.60                 | 27.34/36.60               | 43.65/55.56               | 43.21/55.78               | 23.37/29.98                   | 22.93/29.32                           | 27.34/36.60               | 43.65/55.56               | 43.21/54.67               | 43.21/54.67                   |
| Room Temperature                       | Cooling           | F         | 60~90                         | 60~90                         | 60~90                         | 60~90                       | 60~90                     | 60~90                     | 60~90                     | 60~90                         | 60~90                                 | 60~90                     | 60~90                     | 60~90                     | 60~90                         |
|                                        | Heating           | F         | 32-86                         | 32-86                         | 32-86                         | 32-86                       | 32-86                     | 32~86                     | 32~86                     | 32~86                         | 32~86                                 | 32~86                     | 32~86                     | 32~86                     | 32~86                         |
| Liquid Side/Gas Side                   |                   | Inch      | 1/4"/3/8"                     | 1/4"/3/8"                     | 1/4"/3/8"                     | 1/4" / 1/2"                 | 1/4"/1/2"                 | 3/8"/5/8"                 | 3/8"/3/4"                 | 1/4" / 3/8"                   | 1/4" / 3/8"                           | 1/4" / 1/2"               | 3/8" / 5/8"               | 3/8" / 5/8"               | 3/8" / 5/8"                   |



OUTDOOR

HYPER

REGULAR

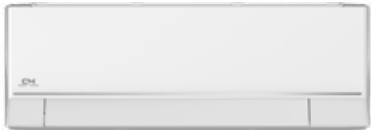
ENTRY LEVEL

| Outdoor Model                           |                               |           | CH-RHP06F9-230VO  | CH-RHP09-230VO    | CH-RHP12-230VO    | CH-RHP15-230VO    | CH-RHP18-230VO    | CH-RHP24-230VO    | CH-RHP33-230VO    | CH-RES09-230VO    | CH-RES12-230VO    | CH-RES18-230VO    | CH-RES24-230VO    | CH-REL30-230VO    | CH-REL36-230VO    |
|-----------------------------------------|-------------------------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Power Supply                            | Rated                         | V, Ph, Hz | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,60,1      | 208/230,60,1      | 208/230,60,1      | 208/230,60,1      | 208/230,60,1      | 208/230,60,1      |
|                                         | Voltage Range                 | V         | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           |
| Cooling                                 | Rated Capacity (range)        | Btu/h     | 2,300~12,600      | 3,800~13,500      | 3,800~14,600      | 8,800~19,400      | 8,800~19,400      | 12,600~27,900     | 15,000~37,000     | 2200~13000        | 2900~14500        | 3500~18900        | 5500~29500        | 6500~32800        | 6600~36800        |
|                                         | Rated Current                 | A         | 3.1               | 4.1               | 4.0               | 7.1               | 6.4               | 8.3               | 12.7              | 4.5               | 4.1               | 6.3               | 7.4               | 11.2              | 18.0              |
|                                         | EER2                          |           | 18.0              | 15.4              | 13.4              | 13.5              | 12.5              | 13.0              | 12.0              | 14.9              | 13.0              | 12.7              | 14                | 12                | 8.6               |
|                                         | SEER2                         |           | 25.5              | 27.4              | 25.4              | 22.2              | 21.4              | 21                | 19.5              | 25.8              | 25.5              | 23.5              | 23                | 20.5              | 19.0              |
|                                         |                               |           |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Heating                                 | Rated Capacity (range)        | Btu/h     | 3,000~11,000      | 3,800~16,000      | 3,800~16,000      | 11,200~19,500     | 11,200~19,500     | 11,800~29,700     | 19,700~37,800     | 4,100~13,800      | 4,500~15,400      | 7,700~21,000      | 9,900~30,800      | 12,600~31,400     | 9,600~38,000      |
|                                         | Rated current                 | A         | 4.0               | 4.1               | 4.1               | 8.5               | 7.2               | 11.0              | 13.7              | 3.3               | 4.0               | 6.7               | 8.3               | 13.1              | 16.2              |
|                                         | COP                           | W/W       | 4.20              | 3.76              | 3.76              | 3.5               | 3.26              | 3.42              | 3.37              | 3.90              | 3.90              | 3.50              | 3.96              | 3.08              | 2.85              |
|                                         | HSPF4                         |           | 14.8              | 12.5              | 10.5              | 11.5              | 11.0              | 13.5              | 10.5              | 12.5              | 10.6              | 10.8              | 11.7              | 9.5               | 8.5               |
|                                         | HSPF5                         |           | 11.5              | 9.5               | 8.0               | 8.5               | 8.5               | 9.8               | 8.6               | 9.2               | 8.0               | 8.0               | 8.7               | 7.2               | 6.6               |
| Heating at 17°F (AHRI)                  | Rated capacity                | Btu/h     | 9,200             | 12,800            | 12,800            | 19,200            | 19,200            | 25,000            | 30,200            | 9,400             | 9,600             | 14,900            | 19,300            | 21,500            | 24,200            |
| Heating at 5°F (-15°C)                  | Rated capacity                | Btu/h     | 7,700             | 11,500            | 11,500            | 17,500            | 18,000            | 24,200            | 35,000            | 8,000             | 8,400             | 12,800            | 19,600            | 20,000            | 22,000            |
|                                         | COP                           | W/W       | 2.39              | 1.80              | 1.80              | 1.83              | 1.92              | 2.34              | 1.98              | 2.36              | 2.30              | 2.10              | 2.54              | 2.03              | 1.90              |
| Minimum Circuit Ampacity                |                               | A         | 12.0              | 15.0              | 15.0              | 19                | 19.0              | 24.9              | 34.0              | 12                | 12                | 18                | 24                | 28                | 33                |
| Max.Fuse (Outdoor Unit)                 |                               | A         | 15                | 15                | 15                | 20                | 20                | 25                | 35                | 15                | 15                | 20                | 25                | 30                | 35                |
| Outdoor Air Flow (Max.)                 |                               | CFM       | 1,235.3           | 1,470.6           | 1,470.6           | 1764.7            | 1,764.7           | 2,235.3           | 2,235.3           | 1235.3            | 1235.3            | 1764.7            | 2235.3            | 2235.3            | 2235.3            |
| Outdoor Noise Level (Sound Pressure)    |                               | dB(A)     | 53                | 56                | 56                | 59                | 59                | 61.5              | 63.5              | 52.5              | 56                | 58                | 58                | 61                | 63                |
| Dimension (WxDxH)                       |                               | inch      | 30.12x11.93x21.85 | 31.69x12.99x21.81 | 31.69x12.99x21.81 | 35.04x13.46x26.50 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 37.24x16.14x31.89 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 37.24x16.14x31.89 | 37.24x16.14x31.89 |
| Packing (WxDxH)                         |                               | inch      | 34.92x13.27x24.02 | 36.02x14.57x24.21 | 36.02x14.57x24.21 | 39.17x15.67x29.13 | 39.17x15.67x29.13 | 42.91x19.68x34.84 | 42.91x19.68x34.84 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 39.17x15.67x29.13 | 42.91x19.68x34.84 | 42.91x19.68x34.84 | 42.91x19.68x34.84 |
| Net/Gross Weight                        |                               | lbs.      | 62.17/67.68       | 72.75/78.70       | 72.75/78.70       | 99.87/107.80      | 99.87/107.80      | 130.29/141.31     | 156.97/167.99     | 62.17/67.68       | 62.17/67.68       | 92.59/100.31      | 122.13/132.28     | 142.86/154.54     | 150.35/160.27     |
| Refrigerant Type / Charge               |                               | oz.       | R454B / 32.45     | R454B / 35.27     | R454B / 35.27     | R454B/55.38       | R454B / 55.38     | R454B / 63.49     | R454B / 87.13     | R454B/ 32.45      | R454B/ 32.45      | R454B/ 47.97      | R454B/ 70.55      | R454B / 84.66     | R454B / 112.88    |
| Refrigerant Precharge Length            |                               | ft.       | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                |
| Additional Charge for Each ft.          |                               | oz/ft     | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              | 0.32              | 0.32              | 0.16              | 0.16              | 0.16              | 0.32              | 0.32              | 0.32              |
| Design Pressure                         |                               | PSIG      | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           |
| Refrigerant Piping Liquid Side/Gas Side |                               | inch      | 1/4"/3/8"         | 1/4"/3/8"         | 1/4"/3/8"         | 1/4" / 1/2"       | 1/4"/1/2"         | 3/8"/5/8"         | 3/8"/3/4"         | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 1/2"       | 3/8" / 5/8"       | 3/8" / 5/8"       | 3/8" / 5/8"       |
| Max. Pipe Length                        |                               | ft.       | 82                | 82                | 82                | 98.4              | 98.4              | 164               | 164               | 82                | 82                | 98.40             | 164               | 164               | 213.20            |
| Max. Difference in Level                |                               | ft.       | 49.20             | 49.20             | 49.20             | 65.60             | 65.60             | 82                | 82                | 49.2              | 49.2              | 65.6              | 82                | 82                | 98.4              |
| Ambient Temperature                     | Cooling                       | °F        | -22~122           | -22~122           | -22~122           | -22~122           | -22~122           | -22~122           | -22~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           |
|                                         | Heating                       | °F        | -22~75            | -22~75            | -22~75            | -22~75            | -22~75            | -22~75            | -22~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            |
| Certifications                          | ETL                           |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | AHRI                          |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | Energy Star for Cold Climates |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | NEEP                          |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |





INDOOR



| Indoor Model                           |                   |           | CH-RH06MASTWM-230VI            | CH-RH09MASTWM-230VI           | CH-RH12MASTWM-230VI           | CH-RH15MASTWM-230VI         | CH-RH18MASTWM-230VI         | CH-RH24MASTWM-230VI         | CH-RH33HASTWM-230VI         | CH-RH09MASTWM-230VI             | CH-RH12MASTWM-230VI             | CH-RH18MASTWM-230VI         | CH-RH24MASTWM-230VI         | CH-RH30MASTWM-230VI         | CH-RH36MASTWM-230VI           |
|----------------------------------------|-------------------|-----------|--------------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|
| Power Supply                           | Rated             | V, Ph, Hz | 208/230, 1, 60                 | 208/230, 1, 60                | 208/230, 1, 60                | 208/230, 1, 60              | 208/230, 1, 60              | 208/230, 1, 60              | 208/230, 1, 60              | 208/230, 1, 60                  | 208/230, 1, 60                  | 208/230, 1, 60              | 208/230, 1, 60              | 208/230, 1, 60              | 208/230, 1, 60                |
| Cooling                                | Rated Capacity    | Btu/h     | 6,000                          | 9,000                         | 12,000                        | 15,400                      | 18,000                      | 24,000                      | 33,000                      | 9,000                           | 12,000                          | 18,000                      | 24,000                      | 30,000                      | 6,600~36,800                  |
| Minimum Circuit Ampacity (MCA)         |                   | A         | 3                              | 3                             | 3                             | 3                           | 3                           | 3                           | 3                           | 3                               | 3                               | 3                           | 3                           | 3                           | 3                             |
| Max. Fuse                              |                   | A         | 15                             | 15                            | 15                            | 15                          | 15                          | 15                          | 15                          | 15                              | 15                              | 15                          | 15                          | 15                          | 15                            |
| Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)    |                   | CFM       | 382.6/323.7/229.6/176.6/ 147.2 | 441.4/323.7/229.6/176.6/147.2 | 441.4/323.7/229.6/176.6/147.2 | 635.7/500.3/359.0/294.3 / / | 635.7/500.3/359.0/294.3 / / | 812.3/618.0/412.0/317.8 / / | 865.2/735.8/600.4/423.8 / / | 441.4/323.7/229.6/176.6 / 147.2 | 441.4/323.7/229.6/176.6 / 147.2 | 635.7/500.3/359.0/294.3 / / | 812.3/618.0/412.0/317.8 / / | 882.9/635.7/506.2/382.6 / / | 882.9/635.7/506.2/382.6/323.7 |
| Indoor Noise Level (Turbo/Hi/Mi/Lo/Si) |                   | dB(A)     | 44.0/36.5/32.5/22.0/19.5       | N/A/38/33/20.5/19.5           | 47/36.5/32.5/22/19.5          | 49.5/45.0/38.0/31.5/19.5    | 49.5/45.0/38.0/31.5/19.5    | 54.5/43.5/38.5/27/16        | 57.0/53.0/46.5/35.5/29.5    | 47.5/43/31/18/17                | 46/38/33.0/18.0/18              | 49/45/39/28/20              | 51.5/43.5/39.5/21.5/19      | 53.0/45.5/40/30.5/19.5      | N/A/49/43.5/34.5/31.5         |
| Indoor                                 | Dimension (WxDxH) | inch      | 33.74x9.09x11.81               | 33.74x9.09x11.81              | 33.74x9.09x11.81              | 40.31x9.69x12.64            | 40.31x9.69x12.64            | 47.13x11.02x14.61           | 47.13x11.02x14.61           | 33.74x9.09x11.81                | 33.74x9.09x11.81                | 40.31x9.69x12.64            | 47.13x11.02x14.61           | 47.13x11.02x14.61           | 47.13x11.02x14.61             |
|                                        | Packing (WxDxH)   | inch      | 36.22x12.20x14.57              | 36.22x12.20x14.57             | 36.22x12.20x14.57             | 43.11x12.80x15.75           | 43.11x12.80x15.75           | 50.39x14.17x17.91           | 50.39x14.17x17.91           | 36.22x12.20x14.57               | 36.22x12.20x14.57               | 43.11x12.80x15.75           | 50.39x14.17x17.91           | 50.39x14.17x17.91           | 50.39x14.17x17.91             |
|                                        | Net/Gross Weight  | lbs.      | 22.93/29.32                    | 23.37/29.98                   | 22.93/29.32                   | 27.34/36.60                 | 27.34/36.60                 | 43.65/55.56                 | 43.21/55.78                 | 23.37/29.98                     | 22.93/29.32                     | 27.34/36.60                 | 43.65/55.56                 | 43.21/54.67                 | 43.21/54.67                   |
| Room Temperature                       | Cooling           | F         | 60~90                          | 60~90                         | 60~90                         | 60~90                       | 60~90                       | 60~90                       | 60~90                       | 60~90                           | 60~90                           | 60~90                       | 60~90                       | 60~90                       | 60~90                         |
|                                        | Heating           | F         | 32-86                          | 32-86                         | 32-86                         | 32-86                       | 32-86                       | 32-86                       | 32-86                       | 32~86                           | 32~86                           | 32~86                       | 32~86                       | 32~86                       | 32~86                         |
| Liquid Side/Gas Side                   |                   | Inch      | 1/4" / 3/8"                    | 1/4" / 3/8"                   | 1/4" / 3/8"                   | 1/4" / 1/2"                 | 1/4" / 1/2"                 | 3/8" / 5/8"                 | 3/8" / 3/4"                 | 1/4" / 3/8"                     | 1/4" / 3/8"                     | 1/4" / 1/2"                 | 3/8" / 5/8"                 | 3/8" / 5/8"                 | 3/8" / 5/8"                   |



OUTDOOR



Humidity Sensor



CONTROL OPTIONS

- Smart Kit Included with Downloadable C&H app
- Remote Control Included
- 12V Wall Thermostat (Purchased Separately)



HYPER

REGULAR

ENTRY LEVEL

| Outdoor Model                           |                              |           | CH-RHP06F9-230VO  | CH-RHP09-230VO    | CH-RHP12-230VO    | CH-RHP15-230VO    | CH-RHP18-230VO    | CH-RHP24-230VO    | CH-RHP33-230VO    | CH-RES09-230VO    | CH-RES12-230VO    | CH-RES18-230VO    | CH-RES24-230VO    | CH-REL30-230VO    | CH-REL36-230VO    |
|-----------------------------------------|------------------------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Power Supply                            | Rated                        | V, Ph, Hz | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    |
|                                         | Voltage Range                | V         | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           |
| Cooling                                 | Rated Capacity (range)       | Btu/h     | 2,300~12,600      | 3,800~13,500      | 3,800~14,600      | 8,800~19,400      | 8,800~19,400      | 12,600~27,900     | 15,000~37,000     | 2,200~13,000      | 2,900~14,500      | 3,500~18,900      | 5,500~29,500      | 6,500~32,800      | 6,600~36,800      |
|                                         | Rated Current                | A         | 3.1               | 4.1               | 4.0               | 7.1               | 6.4               | 8.3               | 12.7              | 4.5               | 4.1               | 6.3               | 7.4               | 11.2              | 18.0              |
|                                         | EER2                         |           | 18                | 15.4              | 13.4              | 13.5              | 12.5              | 13                | 12                | 14.9              | 13                | 12.7              | 14                | 12                | 8.6               |
|                                         | SEER2                        |           | 25.5              | 27.4              | 25.4              | 22.2              | 21.4              | 21                | 19.5              | 25.8              | 25.5              | 23.5              | 23                | 20.5              | 19                |
| Heating at 47°F                         | Rated Capacity (range)       | Btu/h     | 3,000~11,000      | 3,800~16,000      | 3,800~16,000      | 11,200~19,500     | 11,200~19,500     | 11,800~29,700     | 19,700~37,800     | 4,100~13,800      | 4,500~15,400      | 7,700~21,000      | 9,900~30,800      | 12,600~31,400     | 9,600~38,000      |
|                                         | Rated current                | A         | 4.0               | 4.1               | 4.1               | 8.5               | 7.2               | 11.0              | 13.7              | 3.3               | 4.0               | 6.7               | 8.3               | 13.1              | 16.2              |
|                                         | COP                          | W/W       | 4.20              | 3.76              | 3.76              | 3.5               | 3.26              | 3.42              | 3.37              | 3.90              | 3.90              | 3.50              | 3.96              | 3.08              | 2.85              |
|                                         | HSPF4                        |           | 14.8              | 12.5              | 10.5              | 11.5              | 11.0              | 13.5              | 10.5              | 12.5              | 10.6              | 10.8              | 11.7              | 9.5               | 8.5               |
|                                         | HSPF5                        |           | 11.5              | 9.5               | 8.0               | 8.5               | 8.5               | 9.8               | 8.6               | 9.2               | 8.0               | 8.0               | 8.7               | 7.2               | 6.6               |
| Heating at 17°F (AHRI)                  | Rated capacity               | Btu/h     | 9,200             | 12,800            | 12,800            | 19,200            | 19,200            | 25,000            | 30,200            | 9,400             | 9,600             | 14,900            | 19,300            | 21,500            | 24,200            |
| Heating at 5°F (-15°C)                  | Rated capacity               | Btu/h     | 7,700             | 11,500            | 11,500            | 17,500            | 18,000            | 24,200            | 35,000            | 8,000             | 8,400             | 12,800            | 19,600            | 20,000            | 22,000            |
| Minimum Circuit Ampacity                |                              | A         | 12                | 15                | 15                | 19                | 19                | 24.9              | 34                | 12                | 12                | 18                | 24                | 28                | 33                |
| Max.Fuse (Outdoor Unit)                 |                              | A         | 15                | 15                | 15                | 20                | 20                | 25                | 35                | 15                | 15                | 20                | 25                | 30                | 35                |
| Outdoor Air Flow (Max.)                 |                              | CFM       | 1235.3            | 1470.6            | 1470.6            | 1764.7            | 1764.7            | 2235.3            | 2235.3            | 1235.3            | 1235.3            | 1764.7            | 2235.3            | 2235.3            | 2235.3            |
| Outdoor Noise Level (Sound Pressure)    |                              | dB(A)     | 53                | 56                | 56                | 59                | 59                | 61.5              | 63.5              | 52.5              | 56                | 58                | 58                | 61                | 63                |
| Outdoor                                 | Dimension (WxDxH)            | inch      | 30.12x11.93x21.85 | 31.69x12.99x21.81 | 31.69x12.99x21.81 | 35.04x13.46x26.50 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 37.24x16.14x31.89 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 37.24x16.14x31.89 | 37.24x16.14x31.89 |
|                                         | Packing (WxDxH)              | inch      | 34.92x13.27x24.02 | 36.02x14.57x24.21 | 36.02x14.57x24.21 | 39.17x15.67x29.13 | 39.17x15.67x29.13 | 42.91x19.68x34.84 | 42.91x19.68x34.84 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 39.17x15.67x29.13 | 42.91x19.68x34.84 | 42.91x19.68x34.84 | 42.91x19.68x34.84 |
|                                         | Net/Gross Weight             | lbs.      | 62.17/67.68       | 72.75/78.70       | 72.75/78.70       | 99.87/107.80      | 99.87/107.80      | 130.29/141.31     | 156.97/167.99     | 62.17/67.68       | 62.17/67.68       | 92.59/100.31      | 122.13/132.28     | 142.86/154.54     | 150.35/160.27     |
| Refrigerant Type / Charge               |                              | oz.       | R454B/32.45       | R454B/35.27       | R454B/35.27       | R454B/55.38       | R454B/55.38       | R454B/63.49       | R454B/87.13       | R454B/32.45       | R454B/32.45       | R454B/47.97       | R454B/ 70.55      | R454B/84.66       | R454B/112.88      |
| Refrigerant Precharge Length            |                              | ft.       | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                |
| Additional Charge for Each ft.          |                              | oz/ft     | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              | 0.32              | 0.32              | 0.16              | 0.16              | 0.16              | 0.32              | 0.32              | 0.32              |
| Design Pressure                         |                              | PSIG      | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           |
| Refrigerant Piping Liquid Side/Gas Side |                              | inch      | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 1/2"       | 1/4" / 1/2"       | 3/8" / 5/8"       | 3/8" / 3/4"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 1/2"       | 3/8" / 5/8"       | 3/8" / 5/8"       | 3/8" / 5/8"       |
| Max. Pipe Length                        |                              | ft.       | 82                | 82                | 82                | 98.4              | 98.4              | 164               | 164               | 82                | 82                | 98.4              | 164               | 164               | 213.2             |
| Max. Difference in Level                |                              | ft.       | 32.8              | 32.8              | 32.8              | 65.60             | 66                | 82                | 82                | 49.2              | 49.2              | 65.6              | 82                | 82                | 98.4              |
| Ambient Temperature                     | Cooling                      | °F        | -22~122           | -22~122           | -22~122           | -22~122           | -22~122           | -22~122           | -22~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           |
|                                         | Heating                      | °F        | -22~75            | -22~75            | -22~75            | -22~75            | -22~75            | -22~75            | -22~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            |
| Certifications                          | ETL                          |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | AHRI                         |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | Energy Star for Cold Climate |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | NEEP                         |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |





| INDOOR                                 |                   |           | Indoor Model |  | CH-R06MOLVWM-230VI          | CH-R09MOLVWM-230VI          | CH-R12MOLVWM-230VI        | CH-R18MOLVWM-230VI        | CH-R24MOLVWM-230VI        | CH-R06OLVWM-115VI             | CH-R12OLVWM-115VI             | CH-R09MOLVWM-230VI          | CH-R12MOLVWM-230VI          | CH-R18MOLVWM-230VI          | CH-R24MOLVWM-230VI          | CH-R30MELVWM-230VI          | CH-R36MELVWM-230VI          |
|----------------------------------------|-------------------|-----------|--------------|--|-----------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Power Supply                           | Rated             | V, Ph, Hz |              |  | 208/230, 1, 60              | 208/230, 1, 60              | 208/230, 1, 60            | 208/230, 1, 60            | 208/230, 1, 60            | 115V, 1, 60                   | 115, 1, 60                    | 208/230, 1, 60              | 208/230, 1, 60              | 208/230, 1, 60              | 208/230, 1, 60              | 208/230, 1, 60              | 208/230, 1, 60              |
|                                        | Rated Capacity    | Btu/h     |              |  | 6,000                       | 9,000                       | 12,000                    | 18,000                    | 23,000                    | 7,000                         | 12,000                        | 9,000                       | 12,000                      | 18,000                      | 24,000                      | 30,000                      | 36,000                      |
| Minimum Circuit Ampacity (MCA)         |                   |           | A            |  | 3                           | 3                           | 3                         | 3                         | 3                         | 3                             | 3                             | 3                           | 3                           | 3                           | 3                           | 3                           | 3                           |
| Max. Fuse                              |                   |           | A            |  | 15                          | 15                          | 15                        | 15                        | 15                        | 15                            | 15                            | 15                          | 15                          | 15                          | 15                          | 15                          | 15                          |
| Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)    |                   |           | CFM          |  | 294.3/235.4/176.6/141.3/N/A | 382.6/294.3/194.2/153.0/N/A | 382.6/294.3/194.2/153.0/- | 759.3/500.3/441.4/370.8/- | 759.3/588.6/459.1/382.6/- | 370.8/306.1/235.4/188.4/141.3 | 370.8/306.1/235.4/188.4/141.3 | 382.6/294.3/194.2/153.0/N/A | 382.6/294.3/194.2/153.0 / / | 759.3/500.3/441.4/370.8 / / | 759.3/588.6/459.1/382.6 / / | 871.1/647.5/447.3/329.6 / / | 871.1/676.9/447.3/329.6 / / |
| Indoor Noise Level (Turbo/Hi/Mi/Lo/Si) |                   |           | dB(A)        |  | 42.0/37.0/32.0/24.0         | N/A/39.5/33/24              | N/A/42/35.5/22.5          | 54.5/45.0/40.0/24.5       | 54.5/49.5/43.5/34.5       | 44.0/40.5/35.0/26.5/17.5      | 44.0/40.5/35.0/26.5/17.5      | 45.5/42/36/21/19.5          | 46/43/37/20/19              | 54/45/40.0/26/20            | 54.0/48.5/43.5/27.5/20.5    | 56.5/52/45/36/22            | 57.0/51.0/45.0/33.5/27.5    |
| Indoor                                 | Dimension (WxDxH) | inch      |              |  | 28.70x7.87x11.50            | 31.57x7.87x11.61            | 31.57x7.87x11.61          | 42.60x9.21x13.27          | 42.60x9.21x13.27          | 31.57x7.87x11.61              | 31.57x7.87x11.61              | 31.57x7.87x11.61            | 31.57x7.87x11.61            | 42.64x9.61x13.23            | 42.60x9.21x13.27            | 49.57x11.14x14.25           | 49.57x11.14x14.25           |
|                                        | Packing (WxDxH)   | inch      |              |  | 31.10x10.63x14.76           | 34.45x11.22x14.96           | 34.45x11.22x14.96         | 45.47x12.40x16.34         | 45.47x12.40x16.34         | 34.45x11.22x14.96             | 34.45x11.22x14.96             | 34.45x11.22x14.96           | 34.45x11.22x14.96           | 45.47x12.40x16.34           | 45.47x12.40x16.34           | 52.76x15.16x17.72           | 52.76x15.16x17.72           |
|                                        | Net/Gross Weight  | lbs.      |              |  | 17.64/23.15                 | 18.96/24.25                 | 18.96/24.25               | 30.42/39.68               | 30.86/40.56               | 18.96/24.47                   | 18.96/24.47                   | 18.96/24.25                 | 18.74/24.25                 | 30.42/39.68                 | 30.86/40.56                 | 43.43/56.88                 | 43.43/56.88                 |
| Room temperature                       | Cooling           | °F        |              |  | 60 ~ 90                     | 60 ~ 90                     | 60 ~ 90                   | 60 ~ 90                   | 60 ~ 90                   | 60 ~ 90                       | 60 ~ 90                       | 60 ~ 90                     | 60 ~ 90                     | 60 ~ 90                     | 60 ~ 90                     | 60 ~ 90                     | 60 ~ 90                     |
|                                        | Heating           | °F        |              |  | 32 ~ 86                     | 32 ~ 86                     | 32 ~ 86                   | 32 ~ 86                   | 32 ~ 86                   | 32 ~ 86                       | 32 ~ 86                       | 32 ~ 86                     | 32 ~ 86                     | 32 ~ 86                     | 32 ~ 86                     | 32 ~ 86                     | 32 ~ 86                     |
| Liquid Side/Gas Side                   |                   |           | Inch         |  | 1/4" / 3/8"                 | 1/4" / 3/8"                 | 1/4" / 3/8"               | 1/4" / 1/2"               | 3/8" / 5/8"               | 1/4" / 3/8"                   | 1/4" / 3/8"                   | 1/4" / 3/8"                 | 1/4" / 3/8"                 | 1/4" / 1/2"                 | 3/8" / 5/8"                 | 3/8" / 5/8"                 | 3/8" / 5/8"                 |

HYPER

REGULAR

ENTRY LEVEL

| OUTDOOR                                 |                              |           | Outdoor Model |  | CH-RHP06F9-230VO  | CH-RHP09-230VO    | CH-RHP12-230VO    | CH-RHP18-230VO    | CH-RHP24-230VO    | CH-RES06-115VO    | CH-RES12-115VO    | CH-RES09-230VO    | CH-RES12-230VO    | CH-RES18-230VO    | CH-RES24-230VO    | CH-REL30-230VO    | CH-REL36-230VO    |
|-----------------------------------------|------------------------------|-----------|---------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Power Supply                            | Rated                        | V, Ph, Hz |               |  | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 115, 1, 60        | 115, 1, 60        | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    |
|                                         | Voltage Range                | V         |               |  | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 103.5-126.5       | 103.5-126.5       | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           |
| Cooling                                 | Rated Capacity (range)       | Btu/h     |               |  | 2,500~11,500      | 3,600~13,500      | 3,600~13,500      | 8,400~20,200      | 16,800~24,500     | 2,600~13,000      | 3,100~10,900      | 2,600~13,000      | 2,600~13,700      | 3,600~20,000      | 9,700~27,000      | 6,800~33,900      | 6,600~36,800      |
|                                         | Rated Current                | A         |               |  | 3.1               | 4.0               | 4.1               | 9.0               | 8.4               | 6.9               | 10.0              | 4.6               | 4.5               | 6.0               | 8.0               | 11.0              | 17.0              |
|                                         | EER2                         |           |               |  | 16.0              | 15.0              | 13.2              | 13.0              | 12.5              | 15.0              | 12.5              | 14.7              | 12.2              | 13.5              | 13.0              | 12.0              | 9.3               |
|                                         | SEER2                        |           |               |  | 25.3              | 26.0              | 24.0              | 21.7              | 22.3              | 24.5              | 23.2              | 24.6              | 23.1              | 24.0              | 23.5              | 22.3              | 19.5              |
| Heating at 47°F                         | Rated Capacity (range)       | Btu/h     |               |  | 3,200~10,700      | 3,800~16,000      | 3,800~16,000      | 10,300~23,000     | 11,800~28,100     | 4,500~12,800      | 45,00~12,800      | 4,200~14,200      | 4,100~14,400      | 7,600~22,000      | 11,300~32,700     | 12,300~32,100     | 11,400~44,000     |
|                                         | Rated current                | A         |               |  | 4.0               | 4.3               | 4.3               | 9.5               | 11.2              | 7.6               | 10.3              | 3.6               | 4.3               | 6.2               | 10.4              | 12.6              | 16.0              |
|                                         | COP                          | W/W       |               |  | 3.80              | 3.63              | 3.63              | 3.54              | 3.05              | 4.20              | 3.70              | 3.66              | 3.69              | 3.81              | 3.08              | 3.03              | 2.95              |
|                                         | HSPF4                        |           |               |  | 14.6              | 12.5              | 10.5              | 10.8              | 13.3              | 10.7              | 10.4              | 13.0              | 11.5              | 11.1              | 10.0              | 9.0               | 9.1               |
|                                         | HSPF5                        |           |               |  | 11.2              | 10.1              | 8.0               | 8.8               | 9.6               | 8.2               | 7.6               | 9.5               | 8.5               | 8.3               | 7.7               | 7.0               | 7.0               |
| Heating at 17°F (AHRI) Rated capacity   |                              |           | Btu/h         |  | 8,600             | 12,800            | 12,800            | 19,800            | 24,400            | 8,600             | 10,200            | 8,900             | 9,900             | 14,500            | 21,300            | 21,500            | 25,600            |
| Minimum Circuit Ampacity                |                              |           | A             |  | 12                | 15                | 15                | 19                | 24.9              | 18                | 18                | 12                | 12                | 18                | 24                | 28                | 33                |
| Max.Fuse (Outdoor Unit)                 |                              |           | A             |  | 15                | 15                | 15                | 20                | 25                | 20                | 20                | 15                | 15                | 20                | 25                | 30                | 35                |
| Outdoor Air Flow (Max.)                 |                              |           | CFM           |  | 1,235.3           | 1,470.6           | 1,470.6           | 1,764.7           | 2,235.3           | 1,235.3           | 1,235.3           | 1,235.3           | 1,235.3           | 1,764.7           | 2,235.3           | 2,235.3           | 2,235.3           |
| Outdoor Noise Level (Sound Pressure)    |                              |           | dB(A)         |  | 53.0              | 56.0              | 56.0              | 59.0              | 61.0              | 53.0              | 53.0              | 52.5              | 54.0              | 59.0              | 60.0              | 61.5              | 63.0              |
| Dimension (WxDxH)                       |                              |           | inch          |  | 30.12x11.93x21.85 | 31.69x12.99x21.81 | 31.69x12.99x21.81 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 37.24x16.14x31.89 | 37.24x16.14x31.89 |
| Packing (WxDxH)                         |                              |           | inch          |  | 34.92x13.27x24.02 | 36.02x14.57x24.21 | 36.02x14.57x24.21 | 39.17x15.67x29.13 | 42.91x19.69x34.84 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 39.17x15.67x29.13 | 42.91x19.69x34.84 | 42.91x19.69x34.84 | 42.91x19.69x34.84 |
| Net/Gross Weight                        |                              |           | lbs.          |  | 62.17/67.68       | 72.75/78.70       | 72.75/78.70       | 99.87/107.80      | 130.29/141.31     | 64.59/70.11       | 64.59/70.11       | 62.17/67.68       | 62.17/67.68       | 92.59/100.31      | 122.13/132.28     | 142.86/154.54     | 150.35/160.27     |
| Refrigerant Type / Charge               |                              |           | oz.           |  | R454B/32.45       | R454B/35.27       | R454B/35.27       | R454B/55.38       | R454B/63.49       | R454B/33.51       | R454B/33.51       | R454B/32.45       | R454B/32.45       | R454B/47.97       | R454B/70.55       | R454B/84.66       | R454B/112.88      |
| Refrigerant Precharge Length            |                              |           | ft.           |  | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                |
| Additional Charge for Each ft.          |                              |           | oz/ft         |  | 0.16              | 0.16              | 0.16              | 0.16              | 0.32              | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              | 0.32              | 0.32              | 0.32              |
| Design Pressure                         |                              |           | PSIG          |  | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           |
| Refrigerant Piping Liquid Side/Gas Side |                              |           | inch          |  | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 1/2"       | 3/8" / 5/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 1/2"       | 3/8" / 5/8"       | 3/8" / 5/8"       | 3/8" / 5/8"       |
| Max. Pipe Length                        |                              |           | ft.           |  | 82                | 82                | 82                | 98.4              | 164               | 82                | 82                | 82                | 82                | 98.4              | 164               | 164               | 213.2             |
| Max. Difference in Level                |                              |           | ft.           |  | 49.2              | 49.2              | 49.2              | 65.6              | 82                | 49.2              | 49.2              | 49.2              | 49.2              | 65.6              | 82                | 82                | 98.4              |
| Ambient Temperature                     | Cooling                      | °F        |               |  | -22~122           | -22~122           | -22~122           | -22~122           | -22~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           |
|                                         | Heating                      | °F        |               |  | -22~75            | -22~75            | -22~75            | -22~75            | -22~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            |
| Certifications                          | ETL                          |           |               |  | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | AHRI                         |           |               |  | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | Energy Star for Cold Climate |           |               |  | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | NEEP                         |           |               |  | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |





| INDOOR               | Indoor Model                           |                   |             | CH-RB06MOLVWM-230VI         | CH-RB09MOLVWM-230VI        | CH-RB12MOLVWM-230VI         | CH-RB18MOLVWM-230VI          | CH-RB24MOLVWM-230VI          | CH-RB09OLVWM-115VI            | CH-RB12OLVWM-115VI            | CH-RB09MOLVWM-230VI          | CH-RB12MOLVWM-230VI         | CH-RB18MOLVWM-230VI          | CH-RB24MOLVWM-230VI         |
|----------------------|----------------------------------------|-------------------|-------------|-----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|
|                      | Power Supply                           | Rated             | V, Ph, Hz   | 208/230, 1, 60              | 208/230, 1, 60             | 208/230, 1, 60              | 208/230, 1, 60               | 208/230, 1, 60               | 115,1, 60                     | 115, 1, 60                    | 208/230, 1, 60               | 208/230, 1, 60              | 208/230, 1, 60               | 208/230, 1, 60              |
|                      |                                        | Rated Capacity    | Btu/h       | 6,000                       | 9,000                      | 12,000                      | 18,000                       | 23,000                       | 9,000                         | 12,000                        | 9,000                        | 12,000                      | 18,000                       | 24,000                      |
|                      | Minimum Circuit Ampacity (MCA)         |                   | A           | 3                           | 3                          | 3                           | 3                            | 3                            | 3                             | 3                             | 3                            | 3                           | 3                            | 3                           |
|                      | Max. Fuse                              |                   | A           | 15                          | 15                         | 15                          | 15                           | 15                           | 15                            | 15                            | 15                           | 15                          | 15                           | 15                          |
|                      | Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)    |                   | CFM         | 294.3/235.4/176.6/141.3/ 1A | 382.6/294.3/194.2/153.0/NA | 382.6/294.3/194.2/153.0 / / | 759.3/500.3/441.4/ 370.8 / / | 759.3/588.6/459.1/ 382.6 / / | 370.8/306.1/235.4/188.4/141.3 | 370.8/306.1/235.4/188.4/141.3 | 382.6/294.3/194.2/153.0/ N/A | 382.6/294.3/194.2/153.0 / / | 759.3/500.3/441.4/ 370.8 / / | 759.3/588.6/459.1/382.6 / / |
|                      | Indoor Noise Level (Turbo/Hi/Mi/Lo/Si) |                   | dB(A)       | 42/37/32/24/20              | N/A/39.5/33/24/20.5        | N/A/42/35.5/22.5/20         | 54.5/45/40/24.5/20           | 54.5/49.5/43.5/34.5/20.5     | 44.0/40.5/35.0/26.5/17.5      | 44.0/40.5/35.0/26.5/17.5      | 45.5/42/36/21/19.5           | 46/43/37/20/19              | 54/45/40.0/26/20             | 54.0/48.5/43.5/27.5/20.5    |
|                      | Indoor                                 | Dimension (WxDxH) | inch        | 28.70x7.87x11.50            | 31.57x7.87x11.61           | 31.57x7.87x11.61            | 42.60x9.21x13.27             | 42.60x9.21x13.27             | 31.57x7.87x11.61              | 31.57x7.87x11.61              | 31.57x7.87x11.61             | 31.57x7.87x11.61            | 42.64x9.61x13.23             | 42.60x9.21x13.27            |
|                      |                                        | Packing (WxDxH)   | inch        | 31.10x10.63x14.76           | 34.45x11.22x14.96          | 34.45x11.22x14.96           | 45.47x12.40x16.34            | 45.47x12.40x16.34            | 34.45x11.22x14.96             | 34.45x11.22x14.96             | 34.45x11.22x14.96            | 34.45x11.22x14.96           | 45.47x12.40x16.34            | 45.47x12.40x16.34           |
|                      |                                        | Net/Gross Weight  | lbs.        | 17.64/23.15                 | 18.96/24.25                | 18.96/24.25                 | 30.42/39.68                  | 30.86/40.56                  | 18.96/24.47                   | 18.96/24.47                   | 18.96/24.25                  | 18.74/24.25                 | 30.42/39.68                  | 30.86/40.56                 |
| Room temperature     | Cooling                                | °F                | 60 ~ 90     | 60 ~ 90                     | 60 ~ 90                    | 60 ~ 90                     | 60 ~ 90                      | 60 ~ 90                      | 60 ~ 90                       | 60 ~ 90                       | 60 ~ 90                      | 60 ~ 90                     | 60 ~ 90                      |                             |
|                      | Heating                                | °F                | 32 ~ 86     | 32 ~ 86                     | 32 ~ 86                    | 32 ~ 86                     | 32 ~ 86                      | 32 ~ 86                      | 32 ~ 86                       | 32 ~ 86                       | 32 ~ 86                      | 32 ~ 86                     | 32 ~ 86                      |                             |
| Liquid Side/Gas Side |                                        | Inch              | 1/4" / 3/8" | 1/4" / 3/8"                 | 1/4" / 3/8"                | 1/4" / 1/2"                 | 3/8" / 5/8"                  | 1/4" / 3/8"                  | 1/4" / 3/8"                   | 1/4" / 3/8"                   | 1/4" / 3/8"                  | 1/4" / 3/8"                 | 1/4" / 1/2"                  | 3/8" / 5/8"                 |

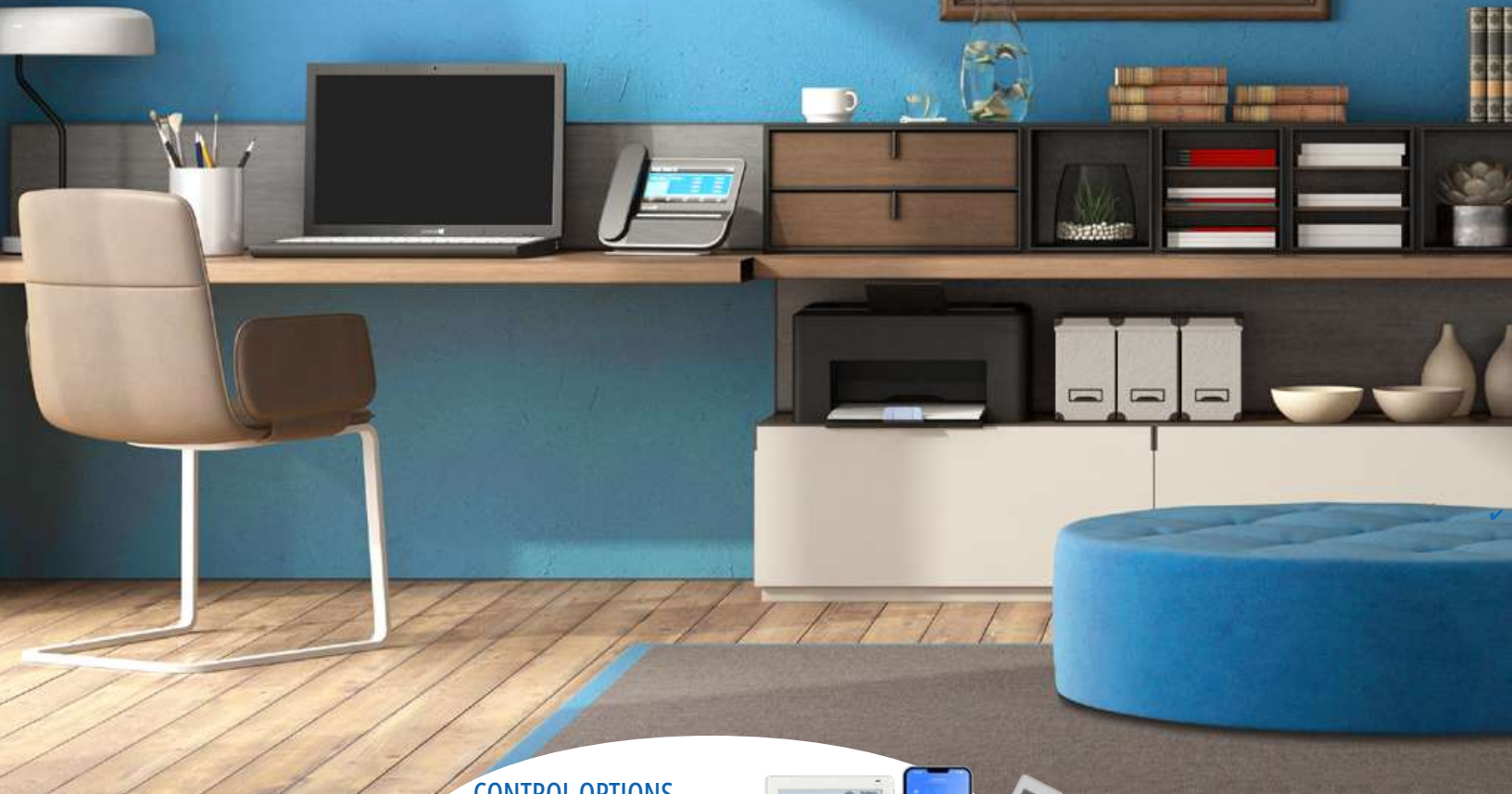
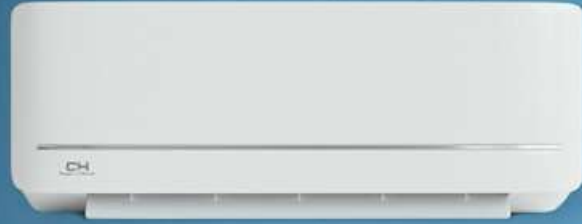
HYPER

REGULAR

| OUTDOOR                                 | Outdoor Model                |                        |           | CH-RHP06F9-230VO  | CH-RHP09-230VO    | CH-RHP12-230VO    | CH-RHP18-230VO    | CH-RHP24-230VO    | CH-RES09-115VO    | CH-RES12-115VO    | CH-RES09-230VO    | CH-RES12-230VO    | CH-RES18-230VO    | CH-RES24-230VO    |
|-----------------------------------------|------------------------------|------------------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                                         | Power Supply                 | Rated                  | V, Ph, Hz | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 115, 1, 60        | 115, 1, 60        | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     |
|                                         |                              | Voltage Range          | V         | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 103.5-126.5       | 103.5-126.5       | 187-253           | 187-253           | 187-253           | 187-253           |
|                                         | Cooling                      | Rated Capacity (range) | Btu/h     | 2,500~11,500      | 3,600~13,500      | 3,600~13,500      | 8,400~20,200      | 16,800~24,500     | 2,600~13,000      | 3,100~10,900      | 2,600~13,000      | 2,600~13,700      | 3,600~20,000      | 9,700~27,000      |
|                                         |                              | Rated Current          | A         | 3.1               | 4.0               | 4.1               | 9.0               | 8.4               | 6.9               | 10.0              | 4.6               | 4.5               | 6.0               | 8.0               |
|                                         |                              | EER2                   |           | 16.0              | 15.0              | 13.2              | 13.0              | 12.5              | 15.0              | 12.5              | 14.7              | 12.2              | 13.5              | 13.0              |
|                                         |                              | SEER2                  |           | 25.3              | 26.0              | 24.0              | 21.7              | 22.3              | 24.5              | 23.2              | 24.6              | 23.1              | 24.0              | 23.5              |
|                                         |                              | Rated Capacity (range) | Btu/h     | 3,200~10,700      | 3,800~16,000      | 3,800~16,000      | 10,300~23,000     | 11,800~28,100     | 4,500~12,800      | 45,00~12,800      | 4,200~14,200      | 4,100~14,400      | 7,600~22,000      | 11,300~32,700     |
|                                         | Heating at 47°F              | Rated current          | A         | 4.0               | 4.3               | 4.3               | 9.5               | 11.2              | 7.6               | 10.3              | 3.6               | 4.3               | 6.2               | 10.4              |
|                                         | COP                          | W/W                    | 3.80      | 3.63              | 3.63              | 3.54              | 3.05              | 4.20              | 3.70              | 3.66              | 3.69              | 3.81              | 3.08              |                   |
| HSPF4                                   |                              | 14.6                   | 12.5      | 10.5              | 10.8              | 13.3              | 10.7              | 10.4              | 13.0              | 11.5              | 11.1              | 10.0              |                   |                   |
| HSPF5                                   |                              | 11.2                   | 10.1      | 8.0               | 8.8               | 9.6               | 8.2               | 7.6               | 9.5               | 8.5               | 8.3               | 7.7               |                   |                   |
| Heating at 17°F (AHRI)                  |                              | Rated capacity         | Btu/h     | 8,600             | 12,800            | 12,800            | 19,800            | 24,400            | 8,900             | 10,200            | 8,900             | 9,900             | 14,500            | 21,300            |
| Minimum Circuit Ampacity                |                              |                        | A         | 12                | 15                | 15                | 19                | 24.9              | 18                | 18                | 12                | 12                | 18                | 24                |
| Max.Fuse (Outdoor Unit)                 |                              |                        | A         | 15                | 15                | 15                | 20                | 25                | 20                | 20                | 15                | 15                | 20                | 25                |
| Outdoor Air Flow (Max.)                 |                              |                        | CFM       | 1,235.3           | 1,470.6           | 1,470.6           | 1,764.7           | 2,235.3           | 1,235.3           | 1,235.3           | 1,235.3           | 1,235.3           | 1,764.7           | 2,235.3           |
| Outdoor Noise Level (Sound Pressure)    |                              |                        | dB(A)     | 53.0              | 56.0              | 56.0              | 59.0              | 61.0              | 53.0              | 53.0              | 52.5              | 54.0              | 59.0              | 60.0              |
| Dimension (W×D×H)                       |                              |                        | inch      | 30.12x11.93x21.85 | 31.69x12.99x21.81 | 31.69x12.99x21.81 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 35.04x13.46x26.50 | 37.24x16.14x31.89 |
| Packing (W×D×H)                         |                              |                        | inch      | 34.92x13.27x24.02 | 36.02x14.57x24.21 | 36.02x14.57x24.21 | 39.17x15.67x29.13 | 42.91x19.69x34.84 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 39.17x15.67x29.13 | 42.91x19.69x34.84 |
| Net/Gross Weight                        |                              |                        | lbs.      | 62.17/67.68       | 72.75/78.70       | 72.75/78.70       | 99.87/107.80      | 130.29/141.31     | 64.59/70.11       | 64.59/70.11       | 62.17/67.68       | 62.17/67.68       | 92.59/100.31      | 122.13/132.28     |
| Refrigerant Type / Charge               |                              |                        | oz.       | R454B/32.45       | R454B/35.27       | R454B/35.27       | R454B/55.38       | R454B/63.49       | R454B/33.51       | R454B/33.51       | R454B/32.45       | R454B/32.45       | R454B/47.97       | R454B/70.55       |
| Refrigerant Precharge Length            |                              |                        | ft.       | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                |
| Additional Charge for Each ft.          |                              |                        | oz/ft     | 0.16              | 0.16              | 0.16              | 0.16              | 0.32              | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              | 0.32              |
| Design Pressure                         |                              |                        | PSIG      | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           |
| Refrigerant Piping Liquid Side/Gas Side |                              |                        | inch      | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 1/2"       | 3/8" / 5/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 1/2"       | 3/8" / 5/8"       |
| Max. Pipe Length                        |                              |                        | ft.       | 82                | 82                | 82                | 98.4              | 164               | 82                | 82                | 82                | 82                | 98.4              | 164               |
| Max. Difference in Level                |                              |                        | ft.       | 49.2              | 49.2              | 49.2              | 65.6              | 82                | 49.2              | 49.2              | 49.2              | 49.2              | 65.6              | 82                |
| Ambient Temperature                     | Cooling                      | °F                     | -22~122   | -22~122           | -22~122           | -22~122           | -22~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           |
|                                         | Heating                      | °F                     | -22~75    | -22~75            | -22~75            | -22~75            | -22~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            |
| Certifications                          | ETL                          |                        | ✓         | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | AHRI                         |                        | ✓         | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | Energy Star for Cold Climate |                        | ✓         | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | NEEP                         |                        | ✓         | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |

CONTROL OPTIONS

- Smart Kit Included with Downloadable C&H app
- Remote Control Included
- 12V Wall Thermostat (Purchased Separately)



#### CONTROL OPTIONS

- Smart Kit Included with Downloadable C&H app
- Remote Control Included
- 12V Wall Thermostat (Purchased Separately)



## FEATURES

- Sleek matte finish
- Inverter Technology
- Turbo Function
- Smart Kit Included
- Silent Function
- LED Display
- Auto Swing (horizontal louvers)
- Comfortable Sleep Mode
- Multiple Fan Speeds
- Self-Cleaning Function
- Follow Me Function
- Line Set, Communication Cable (16 ft.) and Drain Pipe
- One to One, Single-Zone Only



| INDOOR               | Indoor Model                           |                   |             | CH-RLS06MIA-115VI                 | CH-RLS09MIA-115VI                 | CH-RLS12MIA-115VI                | CH-RLS09MIA-230VI                 | CH-RLS12MIA-230VI               | CH-RLS18MIA-230VI               | CH-RLS24MIA-230VI               |
|----------------------|----------------------------------------|-------------------|-------------|-----------------------------------|-----------------------------------|----------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|
|                      | Power Supply                           | Rated             | V, Ph, Hz   | 115, 1, 60                        | 115, 1, 60                        | 115, 1, 60                       | 208/230, 1, 60                    | 208/230, 1, 60                  | 208/230, 1, 60                  | 208/230, 1, 60                  |
|                      | Rated Capacity                         | Cooling           | Btu/h       | 6,000                             | 9,000                             | 12,000                           | 9,000                             | 12,000                          | 18,000                          | 24,000                          |
|                      |                                        | Heating           | Btu/h       | 7,000                             | 10,000                            | 12,000                           | 10,000                            | 12,000                          | 18,800                          | 24,000                          |
|                      | Minimum Circuit Ampacity (MCA)         |                   | A           | 3                                 | 3                                 | 3                                | 3                                 | 3                               | 3                               | 3                               |
|                      | Max. Fuse                              |                   | A           | 15                                | 15                                | 15                               | 15                                | 15                              | 15                              | 15                              |
|                      | Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)    |                   | CFM         | 282.5/235.4/206.0/<br>164.8/117.7 | 282.5/235.4/206.0/<br>164.8/117.7 | 341.4/309.0/206.0/<br>176.6/94.2 | 312.0/264.9/194.2/<br>153.0/105.9 | 359.0/306.1/206.0/<br>144.2 / / | 429.7/388.5/259.0/<br>217.8 / / | 729.9/529.7/400.2/<br>329.6 / / |
|                      | Indoor Noise Level (Turbo/Hi/Mi/Lo/Si) |                   | dB(A)       | 43.0/37.5/33.5/<br>25.0/18.0      | 43.0/37.5/33.5/<br>25.0/18.0      | 45.0/40.5/32.5/<br>25.0/17.5     | 40.5/35.5/31.5/<br>23.0/18.5      | 40.5/35.5/31.5/<br>23.0/18.5    | 40.5/35.5/31.5/<br>23.0/18.5    | 54.0/45.0/41.5/<br>27.0/21.5    |
|                      | Indoor                                 | Dimension (WxDxH) | inch        | 28.43x7.36x11.42                  | 28.43x7.36x11.42                  | 31.57x7.44x11.69                 | 28.43x7.36x11.42                  | 31.57x7.44x11.69                | 37.99x8.46x12.56                | 42.52x8.90x13.19                |
|                      |                                        | Packing (WxDxH)   | inch        | 31.10x10.63x14.76                 | 31.10x10.63x14.76                 | 34.45x11.22x14.96                | 31.10x10.63x14.76                 | 34.45x11.22x14.96               | 41.14x12.01x16.14               | 45.47x16.34x12.60               |
| Net/Gross Weight     |                                        | lbs.              | 17.42/22.93 | 17.42/22.93                       | 19.40/25.13                       | 16.98/22.27                      | 19.40/25.13                       | 24.47/32.63                     | 30.64/39.46                     |                                 |
| Room Temperature     | Cooling                                | °F                | 60~90       | 60~90                             | 60~90                             | 60~90                            | 60~90                             | 60~90                           | 60~90                           |                                 |
|                      | Heating                                | °F                | 32~86       | 32~86                             | 32~86                             | 32~86                            | 32~86                             | 32~86                           | 32~86                           |                                 |
| Liquid Side/Gas Side |                                        | inch              | 1/4" / 3/8" | 1/4" / 3/8"                       | 1/4" / 3/8"                       | 1/4" / 3/8"                      | 1/4" / 3/8"                       | 1/4" / 1/2"                     | 3/8" / 5/8"                     |                                 |

OUTDOOR

| Outdoor Model                           |                              |           | CH-RLS06MIA-115VO | CH-RLS09MIA-115VO | CH-RLS12MIA-115VO | CH-RLS09MIA-230VO | CH-RLS12MIA-230VO | CH-RLS18MIA-230VO | CH-RLS24MIA-230VO |
|-----------------------------------------|------------------------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Power Supply                            | Rated                        | V, Ph, Hz | 115, 1, 60        | 115, 1, 60        | 115, 1, 60        | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    | 208/230, 1, 60    |
|                                         | Voltage Range                | V         | 103.5-126.5       | 103.5-126.5       | 103.5-126.5       | 187-253           | 187-253           | 187-253           | 187-253           |
| Cooling                                 | Rated Capacity Range         | Btu/h     | 2,200~9,900       | 2,200~9,900       | 2,200~12,300      | 2,300~9,700       | 1,700~13,300      | 4,100~19,000      | 5,500~24,200      |
|                                         | Rated Current                | A         | 8.0               | 8.0               | 12.7              | 5.0               | 5.0               | 7.2               | 10.9              |
|                                         | EER2                         |           | 12.5              | 12.5              | 10.1              | 12.6              | 10.8              | 10.8              | 10.0              |
|                                         | SEER2                        |           | 21.5              | 21.5              | 21.2              | 21.2              | 21.3              | 19.2              | 18.7              |
|                                         |                              |           |                   |                   |                   |                   |                   |                   |                   |
| Heating at 47°F                         | Rated Capacity Range         | Btu/h     | 4,200~10,200      | 4,200~10,200      | 3,400~12,200      | 4,300~11,100      | 3,500~13,400      | 6,200~20,200      | 6,300~27,000      |
|                                         | Rated current                | A         | 9.8               | 9.8               | 11.7              | 4.0               | 4.9               | 8.1               | 9.6               |
|                                         | COP                          | W/W       | 3.29              | 3.29              | 3.30              | 3.20              | 3.18              | 3.06              | 3.31              |
|                                         | HSPF4                        |           | 9                 | 9                 | 8.7               | 9.1               | 9.1               | 9.6               | 9.3               |
|                                         | HSPF5                        |           | 7                 | 7                 | 6.7               | 7                 | 7                 | 7.5               | 7.3               |
|                                         |                              |           |                   |                   |                   |                   |                   |                   |                   |
| Minimum Circuit Ampacity                |                              | A         | 18                | 18                | 19                | 12                | 13                | 15                | 19                |
| Max.Fuse (Outdoor Unit)                 |                              | A         | 20                | 20                | 20                | 15                | 15                | 20                | 20                |
| Outdoor Air Flow (Max.)                 |                              | CFM       | 1,294.1           | 1,294.1           | 1,235.3           | 1,294.1           | 1,235.3           | 1,235.3           | 1,764.7           |
| Outdoor Noise Level (Sound Pressure)    |                              | dB(A)     | 52.5              | 52.5              | 54                | 53.5              | 54                | 56                | 59.5              |
| Dimension (WxDxH)                       |                              | inch      | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 31.69x12.99x21.81 | 35.04x13.46x26.50 |
| Packing (WxDxH)                         |                              | inch      | 34.84x14.76x23.81 | 34.84x14.76x23.81 | 34.84x14.76x23.81 | 34.84x14.76x23.81 | 34.84x14.76x23.81 | 37.0x16.14x23.81  | 40.55x17.24x28.74 |
| Net/Gross Weight                        |                              | lbs.      | 56.66/62.17       | 56.66/62.17       | 61.29/67.02       | 54.23/59.74       | 59.08/64.37       | 72.31/78.48       | 94.58/102.29      |
| Refrigerant Type / Charge               |                              | oz.       | R454B/21.52       | R454B/21.52       | R454B/24.34       | R454B/21.52       | R454B/24.69       | R454B/40.57       | R454B/53.62       |
| Refrigerant Precharge Length            |                              | ft.       | 25                | 25                | 25                | 25                | 25                | 25                | 25                |
| Additional Charge for Each ft.          |                              | oz/ft     | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              | 0.32              |
| Design Pressure                         |                              | PSIG      | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           |
| Refrigerant Piping Liquid Side/Gas Side |                              | inch      | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 3/8"       | 1/4" / 1/2"       | 3/8" / 5/8"       |
| Max. Pipe Length                        |                              | ft.       | 82                | 82                | 82                | 82                | 82                | 98.4              | 164               |
| Max. Difference in Level                |                              | ft.       | 49.2              | 49.2              | 49.2              | 49.2              | 49.2              | 65.6              | 82                |
| Ambient Temperature                     | Cooling                      | °F        | 5~122             | 5~122             | 5~122             | 5~122             | 5~122             | 5~122             | 5~122             |
|                                         | Heating                      | °F        | 5~75              | 5~75              | 5~75              | 5~75              | 5~75              | 5~75              | 5~75              |
| Certifications                          | ETL                          |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | AHRI                         |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | Energy Star for Cold Climate |           | ✓                 | ✓                 |                   | ✓                 |                   |                   | ✓                 |
|                                         | NEEP                         |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |



Ceiling Cassette



\*Panel sold separately, not included with Unit.

UP TO 22.6 SEER2

9K, 12K, 18K, 24K, 36K, 48K Btu/h

Wall Thermostat should be connected to the unit to be Smart



CONTROL OPTIONS

- Smart Kit Built In with Downloadable C&H app
- Remote Control Included
- 12V Wall Thermostat

| Line Set Model<br>3/4" | Line Set Model<br>1/2" | Line Set<br>Size |
|------------------------|------------------------|------------------|
| PJX-N1-C16FTW-MAX      | PJX-N1-C16FTW-MAX-i05  | 1/4" – 3/8"      |
| PJX-N1-C25FTW-MAX      | PJX-N1-C25FTW-MAX-i05  | 1/4" – 3/8"      |
| PJX-N1-C50FTW-MAX      | PJX-N1-C50FTW-MAX-i05  | 1/4" – 3/8"      |
| PJX-N2-C16FTW-MAX      | PJX-N2-C16FTW-MAX-i05  | 1/4" – 1/2"      |
| PJX-N2-C25FTW-MAX      | PJX-N2-C25FTW-MAX-i05  | 1/4" – 1/2"      |
| PJX-N2-C50FTW-MAX      | PJX-N2-C50FTW-MAX-i05  | 1/4" – 1/2"      |
| PJX-N3-C16FTW-MAX      | PJX-N3-C16FTW-MAX-i05  | 3/8" – 5/8"      |
| PJX-N3-C25FTW-MAX      | PJX-N3-C25FTW-MAX-i05  | 3/8" – 5/8"      |
| PJX-N3-C50FTW-MAX      | PJX-N3-C50FTW-MAX-i05  | 3/8" – 5/8"      |
| PJX-N4-C25FTW-MAX      |                        | 3/8" – 3/4"      |
| PJX-N4-C50FTW-MAX      |                        | 3/8" – 3/4"      |
| PJX-N6-C25FTW-MAX      |                        | 3/8" – 7/8"      |
| PJX-N6-C50FTW-MAX      |                        | 3/8" – 7/8"      |



| INDOOR                                 |                                      |         |                    | LIGHT COMMERCIAL                      |                                        |                                   |                                 |                                    |                                      | LIGHT COMMERCIAL                  |                                   |                                   |                                 |                                    |                                      |
|----------------------------------------|--------------------------------------|---------|--------------------|---------------------------------------|----------------------------------------|-----------------------------------|---------------------------------|------------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------|------------------------------------|--------------------------------------|
|                                        | Ceiling Cassette PRO (Model Numbers) |         |                    | CH-RSH09-12MCT<br>(Dip Switch for 9K) | CH-RSH09-12MCT<br>(Dip Switch for 12K) | CH-RSH18MCT                       | CH-RSH24MCT                     | CH-RSH36LCCT                       | CH-RSH48LCCT                         | CH-RSH09-12MCT<br>(Dip Switch 9)  | CH-RSH09-12MCT<br>(Dip Switch 12) | CH-RSH18MCT                       | CH-RSH24MCT                     | CH-RSH36LCCT                       | CH-RSH48LCCT                         |
|                                        | Ceiling Cassette (Model Numbers)     |         |                    | CH-RH09MCT                            | CH-RH12MCT                             | CH-RH18MCT                        | CH-RH24MCT                      | CH-RH36LCCT                        | CH-RH48LCCT                          | CH-RH09MCT                        | CH-RH12MCT                        | CH-RH18MCT                        | CH-RH24MCT                      | CH-RH36LCCT                        | CH-RH48LCCT                          |
|                                        | Panel Model Number                   |         |                    | CH-NPNL09-18CT                        | CH-NPNL09-18CT                         | CH-NPNL09-18CT                    | CH-NPNL24-48CT                  | CH-NPNL24-48CT                     | CH-NPNL24-48CT                       | CH-NPNL09-18CT                    | CH-NPNL09-18CT                    | CH-NPNL09-18CT                    | CH-NPNL24-48CT                  | CH-NPNL24-48CT                     | CH-NPNL24-48CT                       |
|                                        | Power Supply                         | Rated   | V, Ph, Hz          | 208/230,1, 60                         | 208/230,1, 60                          | 208/230,1, 60                     | 208/230,1, 60                   | 208/230,1, 60                      | 208/230,1, 60                        | 208/230,1, 60                     | 208/230,1, 60                     | 208/230,1, 60                     | 208/230,1, 60                   | 208/230,1, 60                      | 208/230,1, 60                        |
|                                        | Rated Capacity                       | Cooling | Btu/h              | 9,000                                 | 12,000                                 | 16,000                            | 23,400                          | 36,600                             | 48,000                               | 9,000                             | 12,000                            | 16,800                            | 24,000                          | 36,000                             | 48,000                               |
|                                        |                                      | Heating | Btu/h              | 10,000                                | 12,000                                 | 19,000                            | 25,000                          | 37,000                             | 53,000                               | 10,000                            | 12,000                            | 18,000                            | 25,000                          | 38,000                             | 50,000                               |
|                                        | Minimum Circuit Ampacity (MCA)       |         | A                  | 3                                     | 3                                      | 3                                 | 3                               | 3                                  | 3                                    | 3                                 | 3                                 | 3                                 | 3                               | 3                                  | 3                                    |
|                                        | Max. Fuse                            |         | A                  | 15                                    | 15                                     | 15                                | 15                              | 15                                 | 15                                   | 15                                | 15                                | 15                                | 15                              | 15                                 | 15                                   |
|                                        | Indoor Air Flow (Turbo/Hi/Mi/L0/Si)  |         | CFM                | 417.9/364.9/306.1/<br>194.2/147.2     | 417.9/364.9/306.1/<br>194.2/147.2      | 447.3/388.5/317.8/<br>194.2/147.2 | 765.2/706.3/635.7/<br>547.4/N/A | 1041.8/947.6/853.5/<br>753.4/659.2 | 1236.1/1124.2/1018.3/<br>800.5/688.7 | 417.9/364.9/306.1/<br>194.2/147.2 | 417.9/364.9/306.1/<br>194.2/147.2 | 447.3/388.5/317.8/<br>194.2/147.2 | 765.2/706.3/635.7/<br>547.4/N/A | 1041.8/947.6/853.5/<br>753.4/659.2 | 1236.1/1124.2/1018.3/<br>800.5/688.7 |
| Indoor Noise Level (Turbo/Hi/Mi/L0/Si) |                                      | dB(A)   | 42.5/40/37.5/26/24 | 46/43.5/40.5/27.5/26                  | 48/44.5/41/27.5/23.5                   | 48.5/45/42.5/33.5/N/A             | 54/52.5/47/39.5/36.5            | 56/52.5/50/42.5/38.5               | 42.5/40/37.0/26.0/24.0               | 46/42.0/38.5/26.5/24.0            | 48/44.0/41.0/28.5/24.5            | N/A/45.5/43.0/33.5/30.5           | N/A/52.0/47.5/40.0/38.00        | N/A/52.0/49.5/41.5/38.00           |                                      |
| Indoor                                 | Dimension (WxDxH)                    | inch    | 22.44x22.44x9.65   | 22.44x22.44x9.65                      | 22.44x22.44x9.65                       | 32.68x32.68x8.07                  | 32.68x32.68x9.65                | 32.68x32.68x11.30                  | 22.44x22.44x9.65                     | 22.44x22.44x9.65                  | 22.44x22.44x9.65                  | 32.68x32.68x8.07                  | 32.68x32.68x9.65                | 32.68x32.68x11.30                  |                                      |
|                                        | Packing (WxDxH)                      | inch    | 28.15x25.20x11.61  | 28.15x25.20x11.61                     | 28.15x25.20x11.61                      | 35.83x35.83x9.84                  | 35.83x35.83x11.42               | 35.83x35.83x12.99                  | 28.15x25.20x11.61                    | 28.15x25.20x11.61                 | 28.15x25.20x11.61                 | 35.83x35.83x9.84                  | 35.83x35.83x11.42               | 35.83x35.83x12.99                  |                                      |
|                                        | Net/Gross Weight                     | lbs.    | 35.27/41.89        | 35.27/41.89                           | 35.27/41.89                            | 47.18/59.08                       | 59.30/71.43                     | 64.59/76.06                        | 35.27/41.89                          | 35.27/41.89                       | 35.27/41.89                       | 47.18/59.08                       | 59.30/71.43                     | 64.59/76.06                        |                                      |
| Room Temperature                       | Cooling                              | °F      | 60~90              | 60~90                                 | 60~90                                  | 60~90                             | 60~90                           | 60~90                              | 62~90                                | 62~90                             | 62~90                             | 60~90                             | 60~90                           | 60~90                              |                                      |
|                                        | Heating                              | °F      | 32~86              | 32~86                                 | 32~86                                  | 32~86                             | 32~86                           | 32~86                              | 32~86                                | 32~86                             | 32~86                             | 32~86                             | 32~86                           | 32~86                              |                                      |
| Liquid Side/Gas Side                   |                                      | inch    | 1/4"/3/8"          | 1/4"/3/8"                             | 1/4"/1/2"                              | 3/8"/5/8"                         | 3/8"/3/4"                       | 3/8"/3/4"                          | 1/4"/3/8"                            | 1/4"/3/8"                         | 1/4"/1/2"                         | 3/8"/5/8"                         | 3/8"/3/4"                       | 3/8"/3/4"                          |                                      |

|                                         |                                      |                      | HYPER             | LIGHT COMMERCIAL  |                   |                   |                   |                   | REGULAR           | LIGHT COMMERCIAL  |                   |                   |                   |                   |                 |
|-----------------------------------------|--------------------------------------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|
| OUTDOOR                                 | Outdoor Model                        |                      |                   | CH-RHP09-230VO    | CH-RHP12-230VO    | CH-RHP18-230VO    | CH-RHP24-230VO    | CH-RHP36LCU-230VO | CH-RHP48LCU-230VO | CH-RES09-230VO    | CH-RES12-230VO    | CH-RES18-230VO    | CH-RES24-230VO    | CH-R36LCU-230VO   | CH-R48LCU-230VO |
|                                         | Power Supply                         | Rated                | V, Ph, Hz         | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60   |
|                                         |                                      | Voltage Range        | V                 | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253         |
|                                         | Cooling                              | Rated Capacity Range | Btu/h             | 3,700~13,600      | 3,800~15,100      | 7,000~18,500      | 12,800~26,200     | 4,900-38,000      | 4,900-52,700      | 3,700~12,000      | 3,700~14,000      | 5,300~17,800      | 12,300~26,800     | 6,400-39,800      | 10,600-50,400   |
|                                         |                                      | Rated Current        | A                 | 4.8               | 4.6               | 8                 | 8.9               | 13.5              | 21.0              | 4.5               | 4.3               | 6.1               | 8.8               | 16.4              | 22.5            |
|                                         |                                      | EER2                 |                   | 14                | 12.5              | 12.5              | 12                | 12                | 10                | 14.3              | 12.5              | 12.5              | 12                | 9.6               | 9.5             |
|                                         |                                      | SEER2                |                   | 22.6              | 22.2              | 20                | 20.7              | 21.2              | 18                | 21.6              | 21.1              | 20.7              | 22                | 20                | 19              |
|                                         | Heating at 47°F                      | Rated Capacity Range | Btu/h             | 5,100~15,700      | 5,300~16,200      | 8,700~20,000      | 11,500~30,700     | 11,400-44,600     | 19,000-57,400     | 4,700~13,700      | 4,700~15,000      | 7,100~21,500      | 11,600~33,100     | 14,400~42,200     | 19,900-61,700   |
|                                         |                                      | Rated current        | A                 | 3.3               | 4.4               | 11                | 9.5               | 14.1              | 22                | 3.3               | 4.3               | 7.2               | 10.2              | 15                | 22.1            |
|                                         |                                      | COP                  | W/W               | 4.00              | 3.70              | 3.18              | 3.54              | 3.43              | 3.09              | 4.00              | 3.55              | 3.36              | 3.20              | 3.31              | 2.96            |
|                                         |                                      | HSPF4                |                   | 12.1              | 11.6              | 12.3              | 11.6              | 10.6              | 11.0              | 11.3              | 10.4              | 11.4              | 10.5              | 10.3              | 9.9             |
|                                         |                                      | HSPF5                |                   | 9.3               | 8.9               | 9.5               | 9.2               | 7.9               | 7.7               | 8.8               | 7.9               | 8.5               | 8.1               | 8.8               | 8.8             |
|                                         | Minimum Circuit Ampacity             |                      | A                 | 15                | 15                | 19                | 24.9              | 38                | 44                | 12                | 12                | 18                | 24                | 33                | 39              |
|                                         | Max.Fuse (Outdoor Unit)              |                      | A                 | 15                | 15                | 20                | 25                | 40                | 45                | 15                | 15                | 20                | 25                | 35                | 40              |
|                                         | Outdoor Air Flow (Max.)              |                      | CFM               | 1,471.5           | 1,471.5           | 1,765.8           | 2,236.7           | 3,001.9           | 4,237.9           | 1,236.1           | 1,236.1           | 1,765.8           | 2,236.7           | 2,413.3           | 4,237.9         |
|                                         | Outdoor Noise Level (Sound Pressure) |                      | dB(A)             | 55                | 57                | 57.5              | 61.5              | 64.5              | 62.5              | 54.5              | 54.5              | 57.5              | 59.5              | 63                | 62.5            |
| Dimension (WxDxH)                       |                                      | inch                 | 31.69x12.99x21.81 | 31.69x12.99x21.81 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 38.58x16.34x38.39 | 37.48x16.34x52.48 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 37.24x16.14x31.89 | 37.48x16.34x52.48 |                 |
| Packing (WxDxH)                         |                                      | inch                 | 36.02x14.57x24.21 | 36.02x14.57x24.21 | 39.17x15.67x29.13 | 42.91x19.68x34.84 | 45.08x19.68x42.52 | 43.11x19.49x57.48 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 39.17x15.67x29.13 | 42.91x19.68x34.84 | 42.91x19.68x34.84 | 43.11x19.49x57.48 |                 |
| Net/Gross Weight                        |                                      | lbs.                 | 72.75/78.70       | 72.75/78.70       | 99.87/107.80      | 130.29/141.31     | 206.57/237.44     | 208.78/239.86     | 62.17/67.68       | 62.17/67.68       | 92.59/100.31      | 122.13/132.28     | 152.34/162.48     | 208.78/239.86     |                 |
| Refrigerant Type / Charge               |                                      | oz.                  | R454B/35.27       | R454B/35.27       | R454B/55.38       | R454B/63.49       | R454B/126.99      | R454B/126.99      | R454B/32.45       | R454B/32.45       | R454B/47.97       | R454B/ 70.55      | R454B/91.71       | R454B/126.99      |                 |
| Refrigerant Precharge Length            |                                      | ft.                  | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                |                 |
| Additional Charge for Each ft.          |                                      | oz/ft                | 0.16              | 0.16              | 0.16              | 0.32              | 0.32              | 0.32              | 0.16              | 0.16              | 0.16              | 0.32              | 0.32              | 0.32              |                 |
| Design Pressure                         |                                      | PSIG                 | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           |                 |
| Refrigerant Piping Liquid Side/Gas Side |                                      | inch                 | 1/4"/3/8"         | 1/4"/3/8"         | 1/4"/1/2"         | 3/8"/5/8"         | 3/8"/3/4"         | 3/8"/3/4"         | 1/4"/3/8"         | 1/4"/3/8"         | 1/4"/1/2"         | 3/8"/5/8"         | 3/8"/3/4"         | 3/8"/3/4"         |                 |
| Max. Pipe Length                        |                                      | ft.                  | 82.00             | 82.00             | 98.40             | 164.00            | 246.00            | 246.00            | 82.00             | 82.00             | 98.40             | 164.00            | 246.00            | 246.00            |                 |
| Max. Difference in Level                |                                      | ft.                  | 49.20             | 49.20             | 65.60             | 82.00             | 98.40             | 98.40             | 49.20             | 49.20             | 65.60             | 82.00             | 98.40             | 98.40             |                 |
| Ambient Temperature                     | Cooling                              | °F                   | -22~122           | -22~122           | -22~122           | -22~122           | -22~122           | -22~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           |                 |
|                                         | Heating                              | °F                   | -22~75            | -22~75            | -22~75            | -22~75            | -22~75            | -22~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            |                 |
| Certifications                          | ETL                                  |                      | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                 |
|                                         | AHRI                                 |                      | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                 |
|                                         | Energy Star for Cold Climate         |                      | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                 |
|                                         | NEEP                                 |                      | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                 |

# One-Way Cassette



Wall Thermostat should be connected to the unit to be Smart



Refrigerant  
Sensor



Humidity  
Sensor

| Line Set Model<br>3/4" | Line Set Model<br>1/2" | Line Set<br>Size |
|------------------------|------------------------|------------------|
| PJX-N1-C16FTW-MAX      | PJX-N1-C16FTW-MAX-i05  | 1/4" – 3/8"      |
| PJX-N1-C25FTW-MAX      | PJX-N1-C25FTW-MAX-i05  | 1/4" – 3/8"      |
| PJX-N1-C50FTW-MAX      | PJX-N1-C50FTW-MAX-i05  | 1/4" – 3/8"      |
| PJX-N2-C16FTW-MAX      | PJX-N2-C16FTW-MAX-i05  | 1/4" – 1/2"      |
| PJX-N2-C25FTW-MAX      | PJX-N2-C25FTW-MAX-i05  | 1/4" – 1/2"      |
| PJX-N2-C50FTW-MAX      | PJX-N2-C50FTW-MAX-i05  | 1/4" – 1/2"      |
| PJX-N3-C16FTW-MAX      | PJX-N3-C16FTW-MAX-i05  | 3/8" – 5/8"      |
| PJX-N3-C25FTW-MAX      | PJX-N3-C25FTW-MAX-i05  | 3/8" – 5/8"      |
| PJX-N3-C50FTW-MAX      | PJX-N3-C50FTW-MAX-i05  | 3/8" – 5/8"      |
| PJX-N4-C25FTW-MAX      |                        | 3/8" – 3/4"      |
| PJX-N4-C50FTW-MAX      |                        | 3/8" – 3/4"      |
| PJX-N6-C25FTW-MAX      |                        | 3/8" – 7/8"      |
| PJX-N6-C50FTW-MAX      |                        | 3/8" – 7/8"      |

Designed for smaller spaces and  
fits perfectly between structural  
ceiling beams.

| INDOOR                              |                   |           |       | CH-RSH06-12MCT1W<br>(Dip Switch 6) | CH-RSH06-12MCT1W<br>(Dip Switch 9) | CH-RSH06-12MCT1W<br>(Dip Switch 12) | CH-RSH18MCT1W                     | CH-RSH06-12MCT1W<br>(Dip Switch 9) | CH-RSH06-12MCT1W<br>(Dip Switch 12) | CH-RSH18MCT1W                     |
|-------------------------------------|-------------------|-----------|-------|------------------------------------|------------------------------------|-------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|-----------------------------------|
| Power Supply                        | Rated             | V, Ph, Hz |       | 208/230,1, 60                      | 208/230,1, 60                      | 208/230,1, 60                       | 208/230,1, 60                     | 208/230,1, 60                      | 208/230,1, 60                       | 208/230,1, 60                     |
|                                     | Cooling           | Btu/h     |       | 6,500                              | 9,000                              | 12,000                              | 16,700                            | 9,000                              | 12,000                              | 18,000                            |
| Rated Capacity                      | Heating           | Btu/h     |       | 7,400                              | 10,900                             | 12,500                              | 20,000                            | 11,000                             | 12,000                              | 18,000                            |
| Minimum Circuit Ampacity (MCA)      |                   |           | A     | 3                                  | 3                                  | 3                                   | 3                                 | 3                                  | 3                                   | 3                                 |
| Max. Fuse                           |                   |           | A     | 15                                 | 15                                 | 15                                  | 15                                | 15                                 | 15                                  | 15                                |
| Indoor Air Flow (Turbo/Hi/Mi/Lo/Si) |                   |           | CFM   | 353.2/312.0/282.5/<br>247.2/176.6  | 353.2/312.0/282.5/<br>247.2/176.6  | 353.2/312.0/282.5/<br>247.2/176.6   | 400.2/352.0/300.2/<br>207.2 / N/A | 353.2/312.0/282.5/<br>247.2 / N/A  | 353.2/312.0/282.5/<br>247.2/176.6   | 400.2/352.0/300.2/<br>207.2 / N/A |
| Indoor Noise Level (Hi/Mi/Lo)       |                   |           | dB(A) | 37.5/35.5/26                       | 38/36/33                           | 41/37/33                            | 44/41.5/31                        | 38.5/34/24                         | 43/37.5/26                          | 44/41/29.5                        |
| Indoor                              | Dimension (WxDxH) | inch      |       | 50.31x13.19x8.98                   | 50.31x13.19x8.98                   | 50.31x13.19x8.98                    | 50.31x13.19x8.98                  | 50.31x13.19x8.98                   | 50.31x13.19x8.98                    | 50.31x13.19x8.98                  |
|                                     | Packing (WxDxH)   | inch      |       | 57.60x22.48x22.64                  | 57.60x22.48x22.64                  | 57.60x22.48x22.64                   | 57.60x22.48x22.64                 | 57.60x22.48x22.64                  | 57.60x22.48x22.64                   | 57.60x22.48x22.64                 |
|                                     | Net/Gross Weight  | lbs.      |       | 45.19/82.45                        | 45.19/82.45                        | 45.19/82.45                         | 45.19/82.45                       | 45.19/82.45                        | 45.19/82.45                         | 45.19/82.89                       |
| Room<br>Temperature                 | Cooling           | °F        |       | 60~90                              | 60~90                              | 60~90                               | 60~90                             | 60~90                              | 60~90                               | 60~90                             |
|                                     | Heating           | °F        |       | 32~86                              | 32~86                              | 32~86                               | 32~86                             | 32~86                              | 32~86                               | 32~86                             |
| Liquid Side/Gas Side                |                   |           | inch  | 1/4"/3/8"                          | 1/4"/3/8"                          | 1/4"/3/8"                           | 1/4"/1/2"                         | 1/4"/3/8"                          | 1/4"/3/8"                           | 1/4"/1/2"                         |

| OUTDOOR                                 |                              |           |       | HYPER             |                   | REGULAR           |                   |                   |                   |                   |
|-----------------------------------------|------------------------------|-----------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Outdoor Model                           |                              |           |       | CH-RHP06F9-230V0  | CH-RHP09-230V0    | CH-RHP12-230V0    | CH-RHP18-230V0    | CH-RES09-230V0    | CH-RES12-230V0    | CH-RES18-230V0    |
| Power Supply                            | Rated                        | V, Ph, Hz |       | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     |
|                                         | Voltage Range                | V         |       | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           |
| Cooling                                 | Rated Capacity (range)       | Btu/h     |       | 3,600~11,200      | 4,000~12,900      | 4,000~13,900      | 5,700~19,000      | 3,700~11,400      | 3,900~13,800      | 4,000~18,800      |
|                                         | Rated Current                | A         |       | 3                 | 4.5               | 4.3               | 8.3               | 4.2               | 4.4               | 6.4               |
|                                         | EER2                         |           |       | 15                | 14.6              | 13                | 12.5              | 14.4              | 12.3              | 12.5              |
|                                         | SEER2                        |           |       | 22                | 24                | 23                | 20.6              | 22.1              | 22.1              | 22.2              |
| Heating<br>at 47°F                      | Rated Capacity Range         | Btu/h     |       | 3,700~11,500      | 3,800~13,900      | 4,600~15,200      | 8,900~22,000      | 4,100~14,300      | 4,700~15,300      | 7,600~22,800      |
|                                         | Rated current                | A         |       | 4.0               | 3.8               | 4.6               | 12                | 4.4               | 4.7               | 7.1               |
|                                         | COP                          | W/W       |       | 3.75              | 3.71              | 3.56              | 3.01              | 3.20              | 3.40              | 3.30              |
|                                         | HSPF4                        |           |       | 12.0              | 12.1              | 10                | 12.2              | 11.8              | 10                | 12.2              |
|                                         | HSPF5                        |           |       | 10.3              | 9.5               | 8                 | 9.2               | 9.0               | 7.8               | 8.6               |
| Minimum Circuit Ampacity                |                              |           | A     | 12                | 15                | 15                | 19                | 12                | 12                | 18                |
| Max.Fuse (Outdoor Unit)                 |                              |           | A     | 15                | 15                | 15                | 20                | 15                | 15                | 20                |
| Outdoor Air Flow (Max.)                 |                              |           | CFM   | 1236.1            | 1471.5            | 1471.5            | 1765.8            | 1236.1            | 1236.1            | 1765.8            |
| Outdoor Noise Level (Sound Pressure)    |                              |           | dB(A) | 53.5              | 54.5              | 56                | 59                | 54.5              | 54.5              | 57.5              |
| Dimension (WxDxH)                       |                              |           | inch  | 30.12x11.93x21.85 | 31.69x12.99x21.81 | 31.69x12.99x21.81 | 35.04x13.46x26.50 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 35.04x13.46x26.50 |
| Packing (WxDxH)                         |                              |           | inch  | 34.92x13.27x24.02 | 36.02x14.57x24.21 | 36.02x14.57x24.21 | 39.17x15.67x29.13 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 39.17x15.67x29.13 |
| Net/Gross Weight                        |                              |           | lbs.  | 62.17/67.68       | 72.75/78.70       | 72.75/78.70       | 99.87/107.80      | 62.17/67.68       | 62.17/67.68       | 92.59/100.31      |
| Refrigerant Type / Charge               |                              |           | oz.   | R454B/ 32.45      | R454B/35.27       | R454B/ 35.27      | R454B/55.38       | R454B/32.45       | R454B/32.45       | R454B/47.97       |
| Refrigerant Precharge Length            |                              |           | ft.   | 25                | 25                | 25                | 25                | 25                | 25                | 25                |
| Additional Charge for Each ft.          |                              |           | oz/ft | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              |
| Design Pressure                         |                              |           | PSIG  | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           |
| Refrigerant Piping Liq. Side / Gas Side |                              |           | inch  | 1/4"/3/8"         | 1/4"/3/8"         | 1/4"/3/8"         | 1/4"/1/2"         | 1/4"/3/8"         | 1/4"/3/8"         | 1/4"/1/2"         |
| Max. Pipe Length                        |                              |           | ft.   | 82.02             | 82.02             | 82.02             | 98.42             | 82.00             | 82.00             | 98.40             |
| Max. Difference in Level                |                              |           | ft.   | 49.21             | 49.21             | 49.21             | 65.62             | 49.20             | 49.20             | 65.60             |
| Ambient<br>Temperature                  | Cooling                      | °F        |       | -22~122           | -22~122           | -22~122           | -22~122           | -13~122           | -13~122           | -13~122           |
|                                         | Heating                      | °F        |       | -22~75            | -22~75            | -22~75            | -22~75            | -13~75            | -13~75            | -13~75            |
| Certifications                          | ETL                          |           |       | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | AHRI                         |           |       | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | Energy Star for Cold Climate |           |       | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | NEEP                         |           |       | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |



## CONTROL OPTIONS

- Smart Kit Built In with Downloadable C&H app
- Remote Control Included
- 12V Wall Thermostat

|                          |    |                  |
|--------------------------|----|------------------|
| Panel Dimensions (WxDxH) | in | 53.25 x 18.5 x 1 |
|--------------------------|----|------------------|

This panel dimension applies for all the indoor units  
(Panel Included).





## MINI FLOOR CONSOLE 9K, 12K AND 16K Btu/h REGULAR OR HYPER | SINGLE OR MULTI-ZONE



Refrigerant  
Sensor



Humidity  
Sensor



### CONTROL OPTIONS

- Smart Kit Built In with Downloadable C&H app
- Remote Control Included
- 12V Wall Thermostat



Wall Thermostat should be connected to the unit to be Smart

## FEATURES

- Compact Design
- Dual Air Outlets
- Refrigerant leakage detection sensor
- Humidity sensor
- Multiple Fan Speed Settings
- Smart Kit Built-In



| INDOOR                                 |                                |         |                   | HYPER                         |                               |                               | REGULAR                       |                               |                               |
|----------------------------------------|--------------------------------|---------|-------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                                        | Indoor Model                   |         |                   | CH-RSH09MMC                   | CH-RSH12MMC                   | CH-RSH16MMC                   | CH-RSH09MMC                   | CH-RSH12MMC                   | CH-RSH16MMC                   |
|                                        | Power Supply                   | Rated   | V, Ph, Hz         | 208/230, 1, 60                | 208/230, 1, 60                | 208/230, 1, 60                | 208/230, 1, 60                | 208/230, 1, 60                | 208/230, 1, 60                |
|                                        | Rated Capacity                 | Cooling | Btu/h             | 9,000                         | 12,000                        | 16,000                        | 9,000                         | 12,000                        | 16,000                        |
|                                        |                                | Heating | Btu/h             | 9,000                         | 12,000                        | 17,000                        | 9,000                         | 12,000                        | 17,000                        |
|                                        | Minimum Circuit Ampacity (MCA) | A       | 3                 | 3                             | 3                             | 3                             | 3                             | 3                             |                               |
| Max. Fuse                              | A                              | 15      | 15                | 15                            | 15                            | 15                            | 15                            |                               |                               |
| Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)    |                                |         | CFM               | 441.4/376.7/323.7/188.4/129.5 | 441.4/376.7/323.7/188.4/129.5 | 500.3/441.4/382.6/323.7/206.0 | 441.4/376.7/323.7/188.4/129.5 | 441.4/376.7/323.7/188.4/129.5 | 500.3/441.4/382.6/323.7/206.0 |
| Indoor Noise Level (Turbo/Hi/Mi/Lo/Si) |                                |         | dB(A)             | 45/41.0/37.5/25.5/22          | 44/40.5/37.0/26.5/24          | 47/43.5/40.5/30.5/25.5        | 42/39.0/34.5/29.5/19.5        | 42/39/34.5/29.5/23.5          | N/A/41.5/39.0/28.5/24.0       |
| Indoor                                 | Dimension (WxDxH)              | inch    | 31.26x7.87x24.45  | 31.26x7.87x24.45              | 31.26x7.87x24.45              | 31.26x7.87x24.45              | 31.26x7.87x24.45              | 31.26x7.87x24.45              | 31.26x7.87x24.45              |
|                                        | Packing (WxDxH)                | inch    | 34.06x11.02x28.31 | 34.06x11.02x28.31             | 34.06x11.02x28.31             | 34.06x11.02x28.31             | 34.06x11.02x28.31             | 34.06x11.02x28.31             | 34.06x11.02x28.31             |
|                                        | Net/Gross Weight               | lbs.    | 32.85/41.89       | 32.85/41.89                   | 32.85/41.89                   | 32.85/41.89                   | 32.85/41.89                   | 32.85/41.89                   | 32.85/41.89                   |
| Room Temperature                       | Cooling                        | °F      | 60~90             | 60~90                         | 60~90                         | 60~90                         | 60~90                         | 60~90                         |                               |
|                                        | Heating                        | °F      | 32~86             | 32~86                         | 32~86                         | 32~86                         | 32~86                         | 32~86                         |                               |
| Liquid Side/Gas Side                   |                                |         | inch              | 1/4"/3/8"                     | 1/4"/3/8"                     | 1/4"/1/2"                     | 1/4"/3/8"                     | 1/4"/3/8"                     | 1/4"/1/2"                     |

| OUTDOOR                                 |                               |                      |                   | HYPER             |                   |                   | REGULAR           |                   |                |
|-----------------------------------------|-------------------------------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------|
|                                         | Outdoor Model                 |                      |                   | CH-RHP09-230VO    | CH-RHP12-230VO    | CH-RHP18-230VO    | CH-RES09-230VO    | CH-RES12-230VO    | CH-RES18-230VO |
|                                         | Power Supply                  | Rated                | V, Ph, Hz         | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60  |
|                                         |                               | Voltage Range        | V                 | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253        |
|                                         | Cooling                       | Rated Capacity Range | Btu/h             | 3,700~13,700      | 3,700~14,000      | 6,500~17,200      | 4,000~12,900      | 4,000~13,100      | 4,700~18,000   |
|                                         |                               | Rated Current        | A                 | 4.2               | 4.3               | 8                 | 4.2               | 4.2               | 5.8            |
|                                         |                               | EER2                 |                   | 15.1              | 12.5              | 12.5              | 16.2              | 12.7              | 12.5           |
|                                         |                               | SEER2                |                   | 27.2              | 25.0              | 20                | 26                | 24.6              | 23.8           |
|                                         | Heating at 47°F               | Rated Capacity Range | Btu/h             | 4,400~16,100      | 4,400~16,100      | 6,500~20,000      | 5,100~12,700      | 5,100~12,900      | 7,300~22,900   |
|                                         |                               | Rated current        | A                 | 4.1               | 4                 | 8                 | 4.6               | 4                 | 6.7            |
|                                         |                               | COP                  | W/W               | 4.43              | 3.88              | 2.85              | 4.35              | 3.9               | 3.37           |
|                                         |                               | HSPF4                |                   | 10.9              | 10.5              | 10.3              | 13.9              | 11                | 13.5           |
| HSPF5                                   |                               |                      | 8.9               | 8.3               | 8.7               | 10                | 8.2               | 9.4               |                |
| Minimum Circuit Ampacity                |                               | A                    | 15                | 15                | 19                | 12                | 12                | 18                |                |
| Max.Fuse (Outdoor Unit)                 |                               | A                    | 15                | 15                | 20                | 15                | 15                | 20                |                |
| Outdoor                                 | Dimension (WxDxH)             | inch                 | 31.69x12.99x21.81 | 31.69x12.99x21.81 | 35.04x13.46x26.50 | 30.12x11.93x21.85 | 30.12x11.93x21.85 | 35.04x13.46x26.50 |                |
|                                         | Packing (WxDxH)               | inch                 | 36.02x14.57x24.21 | 36.02x14.57x24.21 | 39.17x15.67x29.13 | 34.92x13.27x24.02 | 34.92x13.27x24.02 | 39.17x15.67x29.13 |                |
|                                         | Net/Gross Weight              | lbs.                 | 72.75/78.70       | 72.75/78.70       | 99.87/107.80      | 62.17/67.68       | 62.17/67.68       | 92.59/100.31      |                |
| Refrigerant Type / Charge               |                               | oz.                  | R454B/35.27       | R454B/35.27       | R454B/55.38       | R454B/32.45       | R454B/32.45       | R454B/47.97       |                |
| Refrigerant Precharge Length            |                               | ft.                  | 25                | 25                | 25                | 25                | 25                | 25                |                |
| Additional Charge for Each ft.          |                               | oz/ft                | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              | 0.16              |                |
| Design Pressure                         |                               | PSIG                 | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           |                |
| Refrigerant Piping Liquid Side/Gas Side |                               | inch                 | 1/4"/3/8"         | 1/4"/1/2"         | 1/4"/1/2"         | 1/4"/3/8"         | 1/4"/3/8"         | 1/4"/1/2"         |                |
| Max. Pipe Length                        |                               | ft.                  | 82                | 82                | 98.40             | 82                | 82                | 98.40             |                |
| Max. Difference in Level                |                               | ft.                  | 49.20             | 49.20             | 65.60             | 49.20             | 49.20             | 65.60             |                |
| Ambient Temperature                     | Cooling                       | °F                   | -22~122           | -22~122           | -22~122           | 60~90             | 60~90             | 60~90             |                |
|                                         | Heating                       | °F                   | -22~75            | -22~75            | -22~75            | 32~86             | 32~86             | 32~86             |                |
| Certifications                          | ETL                           |                      | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                |
|                                         | AHRI                          |                      | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                |
|                                         | Energy Star for Cold Climates |                      | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                |
|                                         | NEEP                          |                      | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                |



Universal Floor Ceiling



Wall Thermostat should be connected to the unit to be Smart



18K, 24K, 36K,  
48K, 60K Btu/h  
UP TO 22.3 SEER2



CONTROL OPTIONS

- Smart Kit Built In with Downloadable C&H app
- Remote Control Included
- 12V Wall Thermostat



Refrigerant  
Sensor



Humidity  
Sensor



|                      |                                        |                   | HYPER       | LIGHT COMMERCIAL             |                               |                                  |                                  |                                  | REGULAR                      | LIGHT COMMERCIAL              |                                 |                                  |                                  |  |
|----------------------|----------------------------------------|-------------------|-------------|------------------------------|-------------------------------|----------------------------------|----------------------------------|----------------------------------|------------------------------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|--|
| INDOOR               | Indoor Model                           |                   |             | CH-RSH18MFC                  | CH-RSH24MFC                   | CH-RSH36LCFC                     | CH-RSH48LCFC                     | CH-RSH60LCFC                     | CH-RSH18MFC                  | CH-RSH24MFC                   | CH-RSH36LCFC                    | CH-RSH48LCFC                     | CH-RSH60LCFC                     |  |
|                      | Power Supply                           | Rated             | V, Ph, Hz   | 208/230,1, 60                | 208/230,1, 60                 | 208/230,1, 60                    | 208/230,1, 60                    | 208/230,1, 60                    | 208/230,1, 60                | 208/230,1, 60                 | 208/230,1, 60                   | 208/230,1, 60                    | 208/230,1, 60                    |  |
|                      | Rated Capacity                         | Cooling           | Btu/h       | 17,000                       | 22,000                        | 36,400                           | 48,000                           | 54,000                           | 18,000                       | 24,000                        | 36,000                          | 48,000                           | 54,000                           |  |
|                      |                                        | Heating           | Btu/h       | 19,000                       | 26,000                        | 38,000                           | 52,000                           | 60,000                           | 18,000                       | 24,400                        | 38,000                          | 50,000                           | 60,000                           |  |
|                      | Minimum Circuit Ampacity (MCA)         |                   | A           | 1.9                          | 2.5                           | 3                                | 3                                | 3                                | 1.9                          | 2.5                           | 3                               | 3                                | 3                                |  |
|                      | Max. Fuse                              |                   | A           | 15                           | 15                            | 15                               | 15                               | 15                               | 15                           | 15                            | 15                              | 15                               | 15                               |  |
|                      | Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)    |                   | CFM         | 576.8/547.4/485.6/420.8/ N/A | 735.8/706.3/606.3/453.2/376.7 | 1224.3/1088.9/988.8/w765.2/653.3 | 1353.8/1236.1/1083.0/800.5/665.1 | 1365.6/1236.1/1118.3/882.9/777.0 | 576.8/547.4/485.6/420.8/ N/A | 735.8/706.3/606.3/453.2/376.7 | 1224.3/1088.9/988.8/765.2/653.3 | 1353.8/1236.1/1083.0/800.5/665.1 | 1365.6/1236.1/1118.3/882.9/777.0 |  |
|                      | Indoor Noise Level (Turbo/Hi/Mi/Lo/Si) |                   | dB(A)       | 45/42.5/39.5/30.5/29         | 51.5/49/45/34/29              | N/A/51/45.5/39/35                | 54/53.0/48.5/39/35               | N/A/54.5/49/42/39                | N/A/43.0/40.0/32.0/29.0      | 51.5/49/45/34/29              | 50.5/49/44.5/37/33              | N/A/53/49/39/34.5                | N/A/54.5/49.5/41.5/38.5          |  |
|                      | Indoor                                 | Dimension (WxDxH) | inch        | 42.05x26.57x9.25             | 42.05x26.57x9.25              | 64.96x26.57x9.25                 | 64.96x26.57x9.25                 | 64.96x26.57x9.25                 | 42.05x26.57x9.25             | 42.05x26.57x9.25              | 64.96x26.57x9.25                | 64.96x26.57x9.25                 | 64.96x26.57x9.25                 |  |
|                      |                                        | Packing (WxDxH)   | inch        | 45.08x29.72x12.52            | 45.08x29.72x12.52             | 67.91x29.72x12.52                | 67.91x29.72x12.52                | 67.91x29.72x12.52                | 45.08x29.72x12.52            | 45.08x29.72x12.52             | 67.91x29.72x12.52               | 67.91x29.72x12.52                | 67.91x29.72x12.52                |  |
| Net/Gross Weight     |                                        | lbs.              | 58.42/70.55 | 61.29/73.19                  | 88.85/104.94                  | 89.07/105.16                     | 95.24/111.33                     | 58.42/70.55                      | 61.29/73.19                  | 88.85/104.94                  | 89.07/105.16                    | 95.24/111.33                     |                                  |  |
| Room Temperature     | Cooling                                | °F                | 60~90       | 60~90                        | 60~90                         | 60~90                            | 60~90                            | 60~90                            | 60~90                        | 60~90                         | 60~90                           | 60~90                            |                                  |  |
|                      | Heating                                | °F                | 32~86       | 32~86                        | 32~86                         | 32~86                            | 32~86                            | 32~86                            | 32~86                        | 32~86                         | 32~86                           | 32~86                            |                                  |  |
| Liquid Side/Gas Side |                                        |                   | inch        | 1/4"/1/2"                    | 3/8"/5/8"                     | 3/8"/3/4"                        | 3/8"/3/4"                        | 3/8"/3/4"                        | 1/4"/1/2"                    | 3/8"/5/8"                     | 3/8"/3/4"                       | 3/8"/3/4"                        | 3/8"/3/4"                        |  |

|                                         |                                      |                      | HYPER     | LIGHT COMMERCIAL  |                   |                   |                   |                   | REGULAR           | LIGHT COMMERCIAL  |                   |                   |                   |
|-----------------------------------------|--------------------------------------|----------------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| OUTDOOR                                 | Outdoor Model                        |                      |           | CH-RHP18-230VO    | CH-RHP24-230VO    | CH-RHP36LCU-230VO | CH-RHP48LCU-230VO | CH-RHP60LCU-230VO | CH-RES18-230VO    | CH-RES24-230VO    | CH-R36LCU-230VO   | CH-R48LCU-230VO   | CH-R60LCU-230VO   |
|                                         | Power Supply                         | Rated                | V, Ph, Hz | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     | 208/230,1, 60     |
|                                         |                                      | Voltage Range        | V         | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           |
|                                         | Cooling                              | Rated Capacity Range | Btu/h     | 7,400~19,200      | 12,700~25,600     | 6,100~38,300      | 6,700~53,500      | 20,000~54,500     | 7,000~19,300      | 11,100~29,000     | 7,300~39,500      | 10,100~50,000     | 15,000~54,500     |
|                                         |                                      | Rated Current        | A         | 8.7               | 8.2               | 13.3              | 22.5              | 26.2              | 6.4               | 8.6               | 15.3              | 22                | 24.6              |
|                                         |                                      | EER2                 |           | 12.5              | 12                | 12                | 9.4               | 9                 | 12.5              | 12.2              | 10.1              | 9.5               | 9.5               |
|                                         |                                      | SEER2                |           | 20.4              | 20.4              | 20                | 18.5              | 18                | 22.3              | 21.1              | 20                | 19.8              | 19.5              |
|                                         |                                      | Rated Capacity Range | Btu/h     | 8,300~20,700      | 11,300~29,500     | 11,100~45,400     | 18,800~58,700     | 21,700~65,500     | 7,200~22,200      | 11,800~32,600     | 14,100~40,400     | 15,800~59,100     | 20,200~60,000     |
|                                         | Rated current                        | A                    | 11        | 10.1              | 15.1              | 24.2              | 26.1              | 7.2               | 10.4              | 14.3              | 22.6              | 26.2              |                   |
|                                         | COP                                  | W/W                  | 3.07      | 3.34              | 3.29              | 2.86              | 3.02              | 3.30              | 2.99              | 3.34              | 2.82              | 3.05              |                   |
|                                         | HSPF4                                |                      | 10.3      | 12.1              | 10.8              | 10.1              | 10.7              | 10.4              | 11.1              | 10                | 10.2              | 9.5               |                   |
|                                         | HSPF5                                |                      | 8.2       | 9.8               | 8.9               | 8.0               | 8.5               | 8.0               | 8.4               | 7.7               | 7.8               | 7.2               |                   |
|                                         | Minimum Circuit Ampacity             |                      | A         | 19                | 24.9              | 38                | 44                | 44                | 18                | 24                | 33                | 39                | 42                |
|                                         | Max.Fuse (Outdoor Unit)              |                      | A         | 20                | 25                | 40                | 45                | 45                | 20                | 25                | 35                | 40                | 45                |
|                                         | Outdoor Air Flow (Max.)              |                      | CFM       | 1,765.8           | 2,236.7           | 3,001.9           | 4,237.9           | 4,237.9           | 1,765.8           | 2,236.7           | 2,413.3           | 4,237.9           | 4,237.9           |
|                                         | Outdoor Noise Level (Sound Pressure) |                      | dB(A)     | 58                | 61.5              | 65                | 64.5              | 64.5              | 57                | 59                | 64                | 62.5              | 63.5              |
|                                         | Dimension (WxDxH)                    |                      | inch      | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 38.58x16.34x38.39 | 37.48x16.34x52.48 | 37.48x16.34x52.48 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 37.24x16.14x31.89 | 37.48x16.34x52.48 | 37.48x16.34x52.48 |
|                                         | Packing (WxDxH)                      |                      | inch      | 39.17x15.67x29.13 | 42.91x19.68x34.84 | 45.08x19.68x42.52 | 43.11x19.49x57.48 | 43.11x19.49x58.27 | 39.17x15.67x29.13 | 42.91x19.69x34.84 | 42.91x19.68x34.84 | 43.11x19.49x57.48 | 43.11x19.49x58.27 |
|                                         | Net/Gross Weight                     |                      | lbs.      | 99.87/107.80      | 130.29/141.31     | 206.57/237.44     | 208.78/239.86     | 230.38/261.69     | 42.0/45.5         | 55.4/60.0         | 152.34/162.48     | 208.78/239.86     | 209.44/240.08     |
|                                         | Refrigerant Type / Charge            |                      | oz.       | R454B/55.38       | R454B/63.49       | R454B/126.99      | R454B/126.99      | R454B/151.68      | R454B/47.97       | R454B/70.55       | R454B/91.71       | R454B/126.99      | R454B/144.62      |
| Refrigerant Precharge Length            |                                      | ft.                  | 25        | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                |                   |
| Additional Charge for Each ft.          |                                      | oz/ft                | 0.16      | 0.32              | 0.32              | 0.32              | 0.32              | 0.16              | 0.32              | 0.32              | 0.32              | 0.32              |                   |
| Design Pressure                         |                                      | PSIG                 | 550/340   | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           |                   |
| Refrigerant Piping Liquid Side/Gas Side |                                      | inch                 | 1/4"/1/2" | 3/8"/5/8"         | 3/8"/3/4"         | 3/8"/3/4"         | 3/8"/3/4"         | 1/4"/1/2"         | 3/8"/5/8"         | 3/8"/3/4"         | 3/8"/3/4"         | 3/8"/3/4"         |                   |
| Max. Pipe Length                        |                                      | ft.                  | 98.42     | 164               | 246               | 246               | 246               | 98.40             | 164               | 246               | 246               | 246               |                   |
| Max. Difference in Level                |                                      | ft.                  | 65.60     | 82.00             | 98.40             | 98.40             | 98.40             | 65.60             | 82                | 98.40             | 98.40             | 98.40             |                   |
| Ambient Temperature                     | Cooling                              | °F                   | -22~122   | -22~122           | -22~122           | -22~122           | -22~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           |                   |
|                                         | Heating                              | °F                   | -22~75    | -22~75            | -22~75            | -22~75            | -22~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            |                   |
| Certifications                          | ETL                                  |                      | ✓         | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                   |
|                                         | AHRI                                 |                      | ✓         | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                   |
|                                         | Energy Star for Cold Climate         |                      | ✓         | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                   | ✓                 |                   |                   |
|                                         | NEEP                                 |                      | ✓         | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |                   |



|                                        |                   |           | MEDIUM STATIC                                     |                                                   |                                                    |                             | HIGH STATIC                 |                               |                                 |                                 |
|----------------------------------------|-------------------|-----------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|-----------------------------|-----------------------------|-------------------------------|---------------------------------|---------------------------------|
|                                        |                   |           | HYPER<br>MULTIPLE CAPACITY (DIP SWITCH)           |                                                   |                                                    |                             | LIGHT COMMERCIAL            |                               |                                 |                                 |
| Indoor Model                           |                   |           | CH-RS06MDT-MS<br>CH-RS06-12MDT-MS (Dip Switch 6K) | CH-RS09MDT-MS<br>CH-RS06-12MDT-MS (Dip Switch 9K) | CH-RS12MDT-MS<br>CH-RS06-12MDT-MS (Dip Switch 12K) | CH-RS18MDT-MS               | CH-RS24MDT-HS               | CH-RS36LCDT-HS                | CH-RS48LCDT-HS                  | CH-RS60LCDT-HS                  |
| Power Supply                           | Rated             | V, Ph, Hz | 208/230,1, 60                                     | 208/230,1, 60                                     | 208/230,1, 60                                      | 208/230,1, 60               | 208/230,1, 60               | 208/230,1, 60                 | 208/230,1, 60                   | 208/230,1, 60                   |
|                                        | Cooling           | Btu/h     | 6,500                                             | 9,000                                             | 12,000                                             | 17,000                      | 24,000                      | 36,000                        | 48,000                          | 55,000                          |
| Rated Capacity                         | Heating           | Btu/h     | 8,000                                             | 10,000                                            | 12,500                                             | 19,000                      | 26,000                      | 42,000                        | 52,000                          | 60,000                          |
| Minimum Circuit Ampacity (MCA)         |                   | A         | 3                                                 | 3                                                 | 3                                                  | 3                           | 3                           | 4                             | 5                               | 5                               |
| Max. Fuse                              |                   | A         | 15                                                | 15                                                | 15                                                 | 15                          | 15                          | 15                            | 15                              | 15                              |
| Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)    |                   | CFM       | 323.7/264.9/206.0/147.2/117.7                     | 323.7/264.9/206.0/147.2/117.7                     | 400.2/323.7/264.9/176.6/117.7                      | 600.4/559.2/500.3/441.4/N/A | 853.5/706.3/618.0/500.3/N/A | 1236.1/1059.5/941.8/765.2/N/A | 1648.1/1471.5/1294.9/1059.5/N/A | 2001.2/1706.9/1412.6/1118.3/N/A |
| Indoor Noise Level (Turbo/Hi/Mi/Lo/Si) |                   | dB(A)     | N/A/32.5/30.5/29.5/22                             | N/A/32.5/31/29.5/23                               | N/A/36/34.5/32.5/25.5                              | N/A/40/39/38/32             | N/A/40/37/35/29.5           | N/A/45/40/34/31               | N/A/51/46/42/40                 | N/A/52/48/42/41                 |
| Indoor Static Pressure                 |                   | in. w.g.  | 0-0.4                                             | 0-0.4                                             | 0-0.4                                              | 0-0.4                       | 0-0.8                       | 0-0.8                         | 0-0.8                           | 0-0.8                           |
| Indoor                                 | Dimension (WxDxH) | inch      | 27.56 x 19.92 x 7.87                              | 27.56 x 19.92 x 7.87                              | 27.56 x 19.92 x 7.87                               | 34.65 x 26.54 x 8.27        | 39.37 x 29.53 x 9.65        | 47.24 x 29.53 x 11.81         | 47.24 x 29.53 x 11.81           | 55.12 x 31.50 x 14.96           |
|                                        | Packing (WxDxH)   | inch      | 33.86 x 21.26 x 11.22                             | 33.86 x 21.26 x 11.22                             | 33.86 x 21.26 x 11.22                              | 42.13 x 28.54 x 11.02       | 48.23 x 33.86 x 11.97       | 56.10 x 33.86 x 14.13         | 56.10 x 33.86 x 14.13           | 62.99 x 36.02 x 17.52           |
|                                        | Net/Gross Weight  | lbs.      | 39.46/46.74                                       | 39.46/46.74                                       | 39.46/46.74                                        | 54.45/66.14                 | 80.47/91.93                 | 106.26/120.37                 | 111.33/124.78                   | 161.38/178.13                   |
| Room Temperature                       | Cooling           | °F        | 60~90                                             | 60~90                                             | 60~90                                              | 60~90                       | 60~90                       | 60~90                         | 60~90                           | 60~90                           |
|                                        | Heating           | °F        | 32~86                                             | 32~86                                             | 32~86                                              | 32~86                       | 32~86                       | 32~86                         | 32~86                           | 32~86                           |
| Liquid Side/Gas Side                   |                   | inch      | 1/4"/3/8"                                         | 1/4"/3/8"                                         | 1/4"/3/8"                                          | 1/4"/1/2"                   | 3/8"/5/8"                   | 3/8"/3/4"                     | 3/8"/3/4"                       | 3/8"/3/4"                       |

|                                         |                               |           | HYPER                 |                       |                       |                       |                       |                       |                       |                       |
|-----------------------------------------|-------------------------------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Outdoor Model                           |                               |           | CH-RHP06F9-230VO      | CH-RHP09-230VO        | CH-RHP12-230VO        | CH-RHP18-230VO        | CH-RHP24-230VO        | CH-RHP36LCU-230VO     | CH-RHP48LCU-230VO     | CH-RHP60LCU-230VO     |
| Power Supply                            | Rated                         | V, Ph, Hz | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         |
|                                         | Voltage Range                 | V         | 187-253               | 187-253               | 187-253               | 187-253               | 187-253               | 187-253               | 187-253               | 187-253               |
| Cooling                                 | Rated Capacity Range          | Btu/h     | 3,300~11,800          | 3,400~13,500          | 3,400~13,500          | 6,500~18,800          | 5,000~28,000          | 9,800~37,000          | 11,000~56,500         | 14,200~60,000         |
|                                         | Rated Current                 | A         | 3.4                   | 4.8                   | 4.6                   | 9.1                   | 8.8                   | 13.5                  | 19.9                  | 23.5                  |
|                                         | EER2                          |           | 14.4                  | 13.4                  | 12.0                  | 12.0                  | 12.0                  | 12.0                  | 10.4                  | 10.2                  |
|                                         | SEER2                         |           | 21.4                  | 21.4                  | 20.0                  | 18.0                  | 19.0                  | 17.7                  | 16.7                  | 15.8                  |
|                                         | Rated Capacity Range          | Btu/h     | 3,700~13,100          | 3,800~16,200          | 3,800~16,200          | 8,900~22,000          | 7,300~31,400          | 11,000~45,500         | 11,200~60,000         | 11,200~66,000         |
| Heating at 47°F                         | Rated current                 | A         | 4.5                   | 3.9                   | 5.0                   | 10.5                  | 8.8                   | 14.1                  | 19.0                  | 20.9                  |
|                                         | COP                           | W/W       | 4.01                  | 3.53                  | 3.39                  | 3.37                  | 3.81                  | 3.80                  | 3.60                  | 3.74                  |
|                                         | HSPF4                         |           | 13.8                  | 12.5                  | 10                    | 10.5                  | 11.7                  | 11.1                  | 10.8                  | 10.4                  |
|                                         | HSPF5                         |           | 10.8                  | 9.7                   | 8                     | 9.0                   | 9.3                   | 9.2                   | 8.8                   | 8.7                   |
|                                         | Minimum Circuit Ampacity      | A         | 12.0                  | 15.0                  | 15.0                  | 19.0                  | 24.9                  | 38.0                  | 44.0                  | 44.0                  |
| Max.Fuse (Outdoor Unit)                 |                               | A         | 15.0                  | 15.0                  | 15.0                  | 20.0                  | 25.0                  | 40.0                  | 45.0                  | 45.0                  |
| Outdoor Air Flow (Max.)                 |                               | CFM       | 1236.1                | 1471.5                | 1471.5                | 1,765.8               | 2,236.7               | 3,001.9               | 4,237.9               | 4,237.9               |
| Outdoor Noise Level (Sound Pressure)    |                               | dB(A)     | 54.0                  | 56.0                  | 56.0                  | 59.0                  | 61.0                  | 65.0                  | 65.0                  | 63.0                  |
| Outdoor                                 | Dimension (W×D×H)             | inch      | 30.12 x 11.93 x 21.85 | 31.69 x 12.99 x 21.81 | 31.69 x 12.99 x 21.81 | 35.04 x 13.46 x 26.50 | 37.24 x 16.14 x 31.89 | 38.58 x 16.34 x 38.39 | 37.48 x 16.34 x 52.48 | 37.48 x 16.34 x 52.48 |
|                                         | Packing (W×D×H)               | inch      | 34.92 x 13.27 x 24.02 | 36.02 x 14.57 x 24.21 | 36.02 x 14.57 x 24.21 | 39.17 x 15.67 x 29.13 | 42.91 x 19.68 x 34.84 | 45.08 x 19.68 x 42.52 | 43.11 x 19.49 x 57.48 | 43.11 x 19.49 x 58.27 |
|                                         | Net/Gross Weight              | lbs.      | 62.17/67.68           | 72.75/78.70           | 72.75/78.70           | 99.87/107.80          | 130.29/141.31         | 206.57/237.44         | 208.78/239.86         | 230.38/261.69         |
| Refrigerant Type / Charge               |                               | oz.       | R454B / 32.45         | R454B / 35.27         | R454B / 35.27         | R454B / 55.38         | R454B / 63.49         | R454B / 126.99        | R454B / 126.99        | R454B / 151.68        |
| Refrigerant Precharge Length            |                               | ft.       | 25                    | 25                    | 25                    | 25                    | 25                    | 25                    | 25                    | 25                    |
| Additional Charge for Each ft.          |                               | oz/ft     | 0.16                  | 0.16                  | 0.16                  | 0.16                  | 0.32                  | 0.32                  | 0.32                  | 0.32                  |
| Design Pressure                         |                               | PSIG      | 550/340               | 550/340               | 550/340               | 550/340               | 550/340               | 550/340               | 550/340               | 550/340               |
| Refrigerant Piping Liquid Side/Gas Side |                               | inch      | 1/4"/3/8"             | 1/4"/3/8"             | 1/4"/3/8"             | 1/4"/1/2"             | 3/8"/5/8"             | 3/8"/3/4"             | 3/8"/3/4"             | 3/8"/3/4"             |
| Max. Pipe Length                        |                               | ft.       | 82.0                  | 82.0                  | 82.0                  | 98.40                 | 164.0                 | 246.0                 | 246.0                 | 246.0                 |
| Max. Difference in Level                |                               | ft.       | 32.8                  | 32.8                  | 32.8                  | 65.60                 | 82.00                 | 98.40                 | 98.40                 | 98.40                 |
| Ambient Temperature                     | Cooling                       | °F        | -22~122               | -22~122               | -22~122               | -22~122               | -22~122               | -22~122               | -22~122               | -22~122               |
|                                         | Heating                       | °F        | -22~75                | -22~75                | -22~75                | -22~75                | -22~75                | -22~75                | -22~75                | -22~75                |
| Certifications                          | ETL                           |           | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |
|                                         | AHRI                          |           | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |
|                                         | Energy Star for Cold Climates |           | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |
|                                         | NEEP                          |           | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |
|                                         |                               |           |                       |                       |                       |                       |                       |                       |                       |                       |

Slim Duct

Air Conditioners

6K-12K Multi-Capacity, 18K, 24K, 36K, 48K, 60K Btu/h



Refrigerant  
Sensor

Wall Thermostat should be connected to the unit to be Smart



- CONTROL OPTIONS
- Remote Control Included
  - 12V Wall Thermostat

| Line Set Model<br>3/4" | Line Set Model<br>1/2" | Line Set Size |
|------------------------|------------------------|---------------|
| PJX-N1-C16FTW-MAX      | PJX-N1-C16FTW-MAX-i05  | 1/4" – 3/8"   |
| PJX-N1-C25FTW-MAX      | PJX-N1-C25FTW-MAX-i05  | 1/4" – 3/8"   |
| PJX-N1-C50FTW-MAX      | PJX-N1-C50FTW-MAX-i05  | 1/4" – 3/8"   |
| PJX-N2-C16FTW-MAX      | PJX-N2-C16FTW-MAX-i05  | 1/4" – 1/2"   |
| PJX-N2-C25FTW-MAX      | PJX-N2-C25FTW-MAX-i05  | 1/4" – 1/2"   |
| PJX-N2-C50FTW-MAX      | PJX-N2-C50FTW-MAX-i05  | 1/4" – 1/2"   |
| PJX-N3-C16FTW-MAX      | PJX-N3-C16FTW-MAX-i05  | 3/8" – 5/8"   |
| PJX-N3-C25FTW-MAX      | PJX-N3-C25FTW-MAX-i05  | 3/8" – 5/8"   |
| PJX-N3-C50FTW-MAX      | PJX-N3-C50FTW-MAX-i05  | 3/8" – 5/8"   |
| PJX-N4-C25FTW-MAX      |                        | 3/8" – 3/4"   |
| PJX-N4-C50FTW-MAX      |                        | 3/8" – 3/4"   |
| PJX-N6-C25FTW-MAX      |                        | 3/8" – 7/8"   |
| PJX-N6-C50FTW-MAX      |                        | 3/8" – 7/8"   |

# Slim Duct Air Conditioners

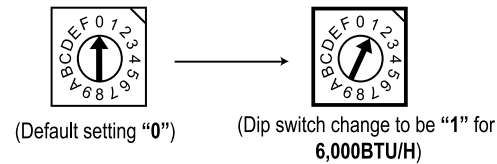
6K-12K Multi-Capacity, 18K, 24K, 36K, 48K, 60K Btu/h

**DIP SWITCH:** ENC1 dip switch is used for capacity change.

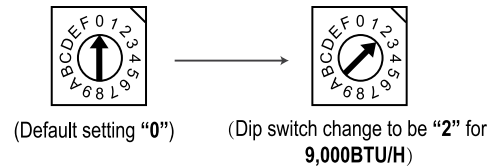
When matching with single zone condensers, the indoor unit will automatically adjust to 6,000 BTU/H, 9,000 BTU/H or 12,000 BTU/H according to condensers capacity.

When matching with multi-zone condensers, it needs to set the ENC1. Change the capacity of indoor unit to 6,000 BTU/H by adjusting the dip switch ENC1 from “0” to “1”. Change the capacity of indoor unit to 9,000 BTU/H by adjusting the dip switch ENC1 from “0” to “2”. Change the capacity of indoor unit to 12,000 BTU/H by adjusting the dip switch ENC1 from “0” to “3”.

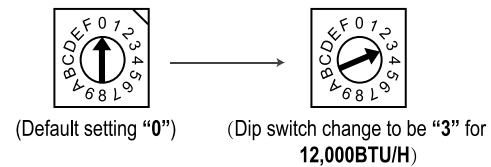
Dip switch change for 6,000BTU/H



Dip switch change for 9,000BTU/H



Dip switch change for 12,000BTU/H



|                      |                                        |         | MEDIUM STATIC                  |                                                   | HIGH STATIC                                        |                             |                             |                               |                                 |                                 |
|----------------------|----------------------------------------|---------|--------------------------------|---------------------------------------------------|----------------------------------------------------|-----------------------------|-----------------------------|-------------------------------|---------------------------------|---------------------------------|
|                      |                                        |         | MULTIPLE CAPACITY (DIP SWITCH) |                                                   | LIGHT COMMERCIAL                                   |                             |                             |                               |                                 |                                 |
| INDOOR               | REGULAR                                |         |                                | CH-RS09MDT-MS<br>CH-RS06-12MDT-MS (Dip Switch 9K) | CH-RS12MDT-MS<br>CH-RS06-12MDT-MS (Dip Switch 12K) | CH-RS18MDT-MS               | CH-RS24MDT-HS               | CH-RS36LCDT-HS                | CH-RS48LCDT-HS                  | CH-RS60LCDT-HS                  |
|                      | Indoor Model                           |         |                                |                                                   |                                                    |                             |                             |                               |                                 |                                 |
|                      | Power Supply                           | Rated   | V, Ph, Hz                      | 208/230,1, 60                                     | 208/230,1, 60                                      | 208/230,1, 60               | 208/230,1, 60               | 208/230,1, 60                 | 208/230,1, 60                   | 208/230,1, 60                   |
|                      | Rated Capacity                         | Cooling | Btu/h                          | 9,000                                             | 11,500                                             | 17,000                      | 24,000                      | 36,000                        | 48,000                          | 58,000                          |
|                      |                                        | Heating | Btu/h                          | 10,000                                            | 12,000                                             | 20,000                      | 25,000                      | 40,000                        | 50,000                          | 60,000                          |
|                      | Minimum Circuit Ampacity (MCA)         |         | A                              | 3                                                 | 3                                                  | 3                           | 3                           | 4                             | 5                               | 5                               |
|                      | Max. Fuse                              |         | A                              | 15                                                | 15                                                 | 15                          | 15                          | 15                            | 15                              | 15                              |
|                      | Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)    |         | CFM                            | 400.2/323.7/264.9/176.6/117.7                     | 400.2/323.7/264.9/176.6/117.7                      | 600.4/559.2/500.3/441.4/N/A | 853.5/706.3/618.0/500.3/N/A | 1236.1/1059.5/941.8/765.2/N/A | 1648.1/1471.5/1294.9/1059.5/N/A | 2001.2/1706.9/1412.6/1118.3/N/A |
|                      | Indoor Noise Level (Turbo/Hi/Mi/Lo/Si) |         | dB(A)                          | N/A/34/32.5/29/24                                 | N/A/37/35/33.5/26                                  | N/A/40.5/39/38/35           | 43/40/38/35.5/29.5          | N/A/45/39.5/33/30             | N/A/51/46/42/40                 | N/A/52/48/43/42                 |
|                      | Indoor Static Pressure                 |         | in. w.g.                       | 0-0.4                                             | 0-0.4                                              | 0-0.4                       | 0-0.8                       | 0-0.8                         | 0-0.8                           | 0-0.8                           |
| Indoor               | Dimension (WxDxH)                      | inch    | 27.56 x 19.92 x 7.87           | 27.56 x 19.92 x 7.87                              | 34.65 x 26.54 x 8.27                               | 39.37 x 29.53 x 9.65        | 47.24 x 29.53 x 11.81       | 47.24 x 29.53 x 11.81         | 55.12 x 31.50 x 14.96           |                                 |
|                      | Packing (WxDxH)                        | inch    | 33.86 x 21.26 x 11.22          | 33.86 x 21.26 x 11.22                             | 42.13 x 28.54 x 11.02                              | 48.23 x 33.86 x 11.97       | 56.10 x 33.86 x 14.13       | 56.10 x 33.86 x 14.13         | 62.99 x 36.02 x 17.52           |                                 |
|                      | Net/Gross Weight                       | lbs.    | 39.46/46.74                    | 39.46/46.74                                       | 54.45/66.14                                        | 80.47/91.93                 | 106.26/120.37               | 111.33/124.78                 | 161.38/178.13                   |                                 |
| Room Temperature     | Cooling                                | °F      | 60~90                          | 60~90                                             | 60~90                                              | 60~90                       | 60~90                       | 60~90                         | 60~90                           |                                 |
|                      | Heating                                | °F      | 32~86                          | 32~86                                             | 32~86                                              | 32~86                       | 32~86                       | 32~86                         | 32~86                           |                                 |
| Liquid Side/Gas Side |                                        | inch    | 1/4"/3/8"                      | 1/4"/3/8"                                         | 1/4"/1/2"                                          | 3/8"/5/8"                   | 3/8"/3/4"                   | 3/8"/3/4"                     | 3/8"/3/4"                       |                                 |

|                |                                         |                      | REGULAR   |                       |                       |                       |                       |                       |                       |                       |
|----------------|-----------------------------------------|----------------------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| OUTDOOR        | Outdoor Model                           |                      |           | CH-RES09-230VO        | CH-RES12-230VO        | CH-RES18-230VO        | CH-RES24-230VO        | CH-R36LCU-230VO       | CH-R48LCU-230VO       | CH-R60LCU-230VO       |
|                | Power Supply                            | Rated                | V, Ph, Hz | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60         |
|                |                                         | Voltage Range        | V         | 187-253               | 187-253               | 187-253               | 187-253               | 187-253               | 187-253               | 187-253               |
|                | Cooling                                 | Rated Capacity Range | Btu/h     | 3,100~11,900          | 3,100~13,000          | 7,000~19,000          | 8,500~28,300          | 7,900~42,500          | 11,000~56,500         | 14,600~63,000         |
|                |                                         | Rated Current        | A         | 4.7                   | 4.5                   | 6.2                   | 8.3                   | 15.3                  | 21.3                  | 25.6                  |
|                |                                         | EER2                 |           | 12.8                  | 11.7                  | 12.5                  | 12.5                  | 10.1                  | 10.0                  | 10.0                  |
|                |                                         | SEER2                |           | 19.5                  | 19.0                  | 20.0                  | 19                    | 18.7                  | 17.1                  | 17.0                  |
|                | Heating at 47°F                         | Rated Capacity Range | Btu/h     | 3,600~14,000          | 3,700~15,600          | 5,500~22,000          | 11,800~35,100         | 8,100~43,500          | 11,200~60,500         | 11,800~67,000         |
|                |                                         | Rated current        | A         | 3.6                   | 4.7                   | 7.2                   | 8.7                   | 14.2                  | 19.0                  | 21.0                  |
|                |                                         | COP                  | W/W       | 3.66                  | 3.42                  | 3.47                  | 3.64                  | 3.70                  | 3.49                  | 3.70                  |
|                |                                         | HSPF4                |           | 11.0                  | 10.2                  | 10.5                  | 11.0                  | 10.2                  | 9.8                   | 9.7                   |
|                |                                         | HSPF5                |           | 8.8                   | 8.0                   | 8.2                   | 8.5                   | 7.8                   | 7.7                   | 7.6                   |
|                | Minimum Circuit Ampacity                |                      | A         | 12.0                  | 12.0                  | 18.0                  | 24.0                  | 33.0                  | 39.0                  | 42.0                  |
|                | Max.Fuse (Outdoor Unit)                 |                      | A         | 15.0                  | 15.0                  | 20.0                  | 25.0                  | 35                    | 40                    | 45                    |
|                | Outdoor Air Flow (Max.)                 |                      | CFM       | 1236.1                | 1236.1                | 1765.8                | 2236.7                | 2413.3                | 4237.9                | 4237.9                |
|                | Outdoor Noise Level (Sound Pressure)    |                      | dB(A)     | 54.0                  | 55.5                  | 59.0                  | 60.0                  | 63.0                  | 64.0                  | 64.0                  |
|                | Outdoor                                 | Dimension (WxDxH)    | inch      | 30.12 x 11.93 x 21.85 | 30.12 x 11.93 x 21.85 | 35.04 x 13.46 x 26.50 | 37.24 x 16.14 x 31.89 | 37.24 x 16.14 x 31.89 | 37.48 x 16.34 x 52.48 | 37.48 x 16.34 x 52.48 |
|                |                                         | Packing (WxDxH)      | inch      | 34.92 x 13.27 x 24.02 | 34.92 x 13.27 x 24.02 | 39.17 x 15.67 x 29.13 | 42.91 x 19.68 x 34.84 | 42.91 x 19.68 x 34.84 | 43.11 x 19.49 x 57.48 | 43.11 x 19.49 x 58.27 |
|                |                                         | Net/Gross Weight     | lbs.      | 62.17/67.68           | 62.17/67.68           | 92.59/100.31          | 122.13/132.28         | 152.34/162.48         | 208.78/239.86         | 209.44/240.08         |
|                | Refrigerant Type / Charge               |                      | oz.       | R454B / 32.45         | R454B / 32.45         | R454B / 47.97         | R454B / 70.55         | R454B / 91.71         | R454B / 126.99        | R454B / 144.62        |
|                | Refrigerant Precharge Length            |                      | ft.       | 25                    | 25                    | 25                    | 25                    | 25                    | 25                    | 25                    |
|                | Additional Charge for Each ft.          |                      | oz/ft     | 0.16                  | 0.16                  | 0.16                  | 0.32                  | 0.32                  | 0.32                  | 0.32                  |
|                | Design Pressure                         |                      | PSIG      | 550/340               | 550/340               | 550/340               | 550/340               | 550/340               | 550/340               | 550/340               |
|                | Refrigerant Piping Liquid Side/Gas Side |                      | inch      | 1/4"/3/8"             | 1/4"/3/8"             | 1/4"/1/2"             | 3/8"/5/8"             | 3/8"/3/4"             | 3/8"/3/4"             | 3/8"/3/4"             |
|                | Max. Pipe Length                        |                      | ft.       | 82.0                  | 82.0                  | 98.40                 | 164.0                 | 246.00                | 246.00                | 246.00                |
|                | Max. Difference in Level                |                      | ft.       | 49.2                  | 49.2                  | 65.6                  | 82.0                  | 98.4                  | 98.4                  | 98.4                  |
|                | Ambient Temperature                     | Cooling              | °F        | -13~122               | -13~122               | -13~122               | -13~122               | -13~122               | -13~122               | -13~122               |
|                |                                         | Heating              | °F        | -13~75                | -13~75                | -13~75                | -13~75                | -13~75                | -13~75                | -13~75                |
| Certifications | ETL                                     |                      | ✓         | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |                       |
|                | AHRI                                    |                      | ✓         | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |                       |
|                | Energy Star for Cold Climate            |                      | ✓         | ✓                     | ✓                     | ✓                     |                       | ✓                     |                       |                       |
|                | NEEP                                    |                      | ✓         | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |                       |



MULTI-POSITION  
AIR HANDLER UNIT  
AHU 18K, 24K, 30K, 36K, 48K, 60K Btu/h



Wall Thermostat should be connected to the unit to be Smart



Refrigerant  
Sensor

- INTELLIGENT AIR FLOW
  - ANTI-COLD AIR FUNCTION
  - TU1 COPPER TUBES
  - FAST COOL/HEAT FUNCTION
  - ALUMINUM COIL
- AUXILIARY HEATER
  - AUTO RESTART FUNCTION
  - REFRIGERANT LEAK DETECTION
  - WIRED CONTROLLER
  - TRUE MULTI-POSITION AIR HANDLER

| AHU Capacity | 5KW heater            | 10KW heater            | 15KW heater            | 20KW heater             |
|--------------|-----------------------|------------------------|------------------------|-------------------------|
|              | One group             | One group              | Two groups             | Two groups              |
|              | 10KW+5KW<br>W1 on 5KW | 10KW+5KW<br>W1 on 10KW | 10KW+5KW<br>W1 on 10KW | 10KW+10KW<br>W1 on 10KW |
| Model        | CH-NREH05KW           | CH-NREH10KW            | CH-NREH15KW            | CH-NREH20KW             |
| 18K(AHU)     | Y                     | Y                      | -                      | -                       |
| 24K(AHU)     | Y                     | Y                      | Y                      | -                       |
| 30K(AHU)     | Y                     | Y                      | Y                      | Y                       |
| 36K(AHU)     | Y                     | Y                      | Y                      | Y                       |
| 48K(AHU)     | -                     | Y                      | Y                      | Y                       |
| 60K(AHU)     | -                     | Y                      | Y                      | Y                       |

| Electric Heater | Power | 1.5 ton<br>(18,000 BTU/h) | 2 ton<br>(24,000 BTU/h) | 3 ton<br>(30,000 BTU/h) | 4 ton<br>(36,000 BTU/h) | 5 ton<br>(48,000 BTU/h) | 6 ton<br>(60,000 BTU/h) |
|-----------------|-------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                 | Model | CH-RS18MAHU               | CH-RS24MAHU             | CH-RS30MAHU             | CH-RS36LCAHU            | CH-RS48LCAHU            | CH-RS60LCAHU            |
|                 | 5KW   | Y                         | Y                       | Y                       | Y                       | -                       | -                       |
|                 | 10KW  | Y                         | Y                       | Y                       | Y                       | Y                       | Y                       |
|                 | 15KW  | -                         | Y                       | Y                       | Y                       | Y                       | Y                       |
|                 | 20KW  | -                         | -                       | Y                       | Y                       | Y                       | Y                       |



CONTROL OPTIONS

- 12V Wall Thermostat
- Remote control Included
- Downloadable C&H app



| INDOOR                                 |                   |           | CH-RS18MAHU                   | CH-RS24MAHU                 | CH-RS36LCAHU                | CH-RS48LCAHU                  | CH-RS60LCAHU                 | CH-RS18MAHU                   | CH-RS24MAHU                   | CH-RS30MAHU                   | CH-RS36LCAHU                    | CH-RS48LCAHU                      | CH-RS60LCAHU                     |
|----------------------------------------|-------------------|-----------|-------------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-----------------------------------|----------------------------------|
| Power Supply                           | Rated             | V, Ph, Hz | 208/230, 1, 60                | 208/230, 1, 60              | 115 or 230, 1, 60           | 115 or 230, 1, 60             | 115 or 230, 1, 60            | 208/230, 1, 60                | 208/230, 1, 60                | 208/230, 1, 60                | 115 or 230, 1, 60               | 115 or 230, 1, 60                 | 115 or 230, 1, 60                |
|                                        |                   |           |                               |                             |                             |                               |                              |                               |                               |                               |                                 |                                   |                                  |
| Cooling                                | Rated Capacity    | Btu/h     | 18,000                        | 23,000                      | 36,000                      | 48,000                        | 54,000                       | 18,000                        | 24,000                        | 30,000                        | 36,000                          | 48,000                            | 60,000                           |
|                                        | Rated Current     | A         | 9.1                           | 8.7                         | 13.4                        | 22                            | 24                           | 6.7                           | 9.3                           | 12.5                          | 17.4                            | 21.5                              | 25.5                             |
| Heating                                | Rated Capacity    | Btu/h     | 19,500                        | 26,000                      | 38,000                      | 50,000                        | 59,000                       | 18,000                        | 25,000                        | 30,000                        | 38,000                          | 50,000                            | 59,000                           |
|                                        | Rated Current     | A         | 9.5                           | 9.7                         | 14.3                        | 19                            | 21.8                         | 6.7                           | 9.2                           | 11.2                          | 14.4                            | 22                                | 24                               |
| Minimum Circuit Ampacity (MCA)         |                   | A         | 3.5                           | 4                           | 5                           | 7.5                           | 9                            | 3.5                           | 4                             | 6                             | 6                               | 9.8                               | 11                               |
| Max. Fuse                              |                   | A         | 15                            | 15                          | 15                          | 15                            | 15                           | 15                            | 15                            | 15                            | 15                              | 15                                | 15                               |
| Indoor Air Flow (Turbo/Hi/Mi/L0/Si)    |                   | CFM       | 618.0/576.8/529.7/488.5 / N/A | 824.0/759.3/694.5/629.8 / - | 1189/1083/971.2/865.2 / N/A | 1601/1471.5/1283.1/1094.8 / / | 1807/1553.9/1353.8/724 / N/A | 618.0/576.8/529.7/488.5 / N/A | 824.0/759.3/694.5/629.8 / N/A | 988.8/894.7/806.4/712.2 / N/A | 1189.0/1083.0/971.2/865.2 / N/A | 1601.0/1471.5/1283.1/1094.8 / N/A | 1807.0/1553.9/1353.8/724.0 / N/A |
| Indoor Noise Level (Turbo/Hi/Mi/L0/Si) |                   | dB(A)     | N/A/42.5/37.5/30.0/N/A        | N/A/43.5/40.0/25.5/N/A      | N/A/47/42/30.5/N/A          | 56.5/54.5/51/48//             | N/A/53.0/48.0/33.5/N/A       | N/A/42/39.5/33/N/A            | N/A/43.5/41.5/28.5/N/A        | N/A/44/41/26/N/A              | N/A/47.0/42.0/31.0/N/A          | 56.5/54/51/48/N/A                 | N/A/51/48/42.5/N/A               |
| ESP                                    |                   | Range     | 0-0.8                         | 0-0.8                       | 0-0.8                       | 0-0.8                         | 0-0.8                        | 0-0.8                         | 0-0.8                         | 0-0.8                         | 0-0.8                           | 0-0.8                             | 0-0.8                            |
| Indoor                                 | Dimension (WxDxH) | inch      | 17.52x21.02x45                | 17.52x21.02x 5              | 21.02x21.02x49.02           | 24.49x21.02x52.99             | 24.49x21.02x52.99            | 17.52x21.02x45                | 17.52x21.02x45                | 21.02x21.02x49.02             | 21.02x21.02x49.02               | 24.49x21.02x52.99                 | 24.49x21.02x52.99                |
|                                        | Packing (WxDxH)   | inch      | 20.87x26.57x48.62             | 20.87x26.57x48.62           | 24.41x26.57x52.56           | 27.95x26.77x56.50             | 27.95x26.77x56.50            | 20.87x26.57x48.62             | 20.87x26.57x48.62             | 24.41x26.57x52.56             | 24.41x26.57x52.56               | 27.95x26.77x56.50                 | 27.95x26.77x56.50                |
|                                        | Net/Gross Weight  | lbs.      | 104.72/125.66                 | 104.28/125.88               | 127.87/152.78               | 161.82/191.58                 | 164.02/189.82                | 104.72/125.66                 | 104.28/125.88                 | 127.43/151.68                 | 127.87/152.78                   | 161.82/191.58                     | 164.02/189.82                    |
| Room Temperature                       | Cooling           | °F        | 60~90                         | 60~90                       | 60~90                       | 60~90                         | 60~90                        | 60~90                         | 60~90                         | 60~90                         | 60~90                           | 60~90                             | 60~90                            |
|                                        | Heating           | °F        | 32~86                         | 32~86                       | 32~86                       | 32~86                         | 32~86                        | 32~86                         | 32~86                         | 32~86                         | 32~86                           | 32~86                             | 32~86                            |
| Liquid Side/Gas side                   |                   | inch      | 1/4" / 1/2"                   | 3/8" / 5/8"                 | 3/8" / 3/4"                 | 3/8" / 3/4"                   | 3/8" / 3/4"                  | 1/4" / 1/2"                   | 3/8" / 5/8"                   | 3/8" / 5/8"                   | 3/8" / 3/4"                     | 3/8" / 3/4"                       | 3/8" / 3/4"                      |

| HYPER                                   |                              |           | CH-RHP18-230V0    | CH-RHP24-230V0    | CH-RHP36LCU-230V0 | CH-RHP48LCU-230V0 | CH-RHP60LCU-230V0 | CH-RES18-230V0    | CH-RES24-230V0    | CH-REL30-230V0    | CH-R36LCU-230V0   | CH-R48LCU-230V0   | CH-R60LCU-230V0   |
|-----------------------------------------|------------------------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Outdoor Model                           | Rated                        | V, Ph, Hz | 208-230, 1, 60    | 208-230, 1, 60    | 208-230, 1, 60    | 208-230, 1, 60    | 208-230, 1, 60    | 208-230, 1, 60    | 208-230, 1, 60    | 208-230, 1, 60    | 208-230, 1, 60    | 208-230, 1, 60    | 208-230, 1, 60    |
|                                         | Voltage range                | V         | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           |
| Cooling                                 | Rated Current                | A         | 9.1               | 8.7               | 13.4              | 22                | 24                | 6.7               | 9.3               | 12.5              | 17.4              | 21.5              | 25.5              |
|                                         | Rated Capacity Range         | Btu/h     | 6,000~20,400      | 7,500~27,000      | 5,700~36,400      | 7,300~55,500      | 13,700~58,000     | 5,600~20,400      | 6,700~29,600      | 9,200~34,000      | 8,900~38,200      | 9,500~52,000      | 21,800~57,300     |
|                                         | EER2                         |           | 12                | 12                | 11.7              | 10                | 10                | 12.1              | 11.7              | 11                | 9                 | 10                | 9.5               |
|                                         | SEER2                        |           | 18                | 18.7              | 17.2              | 17                | 15.2              | 18.5              | 19.7              | 17                | 15.8              | 17.7              | 16                |
| Heating at 47°F                         | Rated Capacity Range         | Btu/h     | 5,000~21,600      | 8,800~29,000      | 9,500~44,000      | 9,500~65,000      | 10,000~66,100     | 5,500~21,800      | 5,800~33,800      | 8,500~33,000      | 6,400~43,000      | 11,700~60,000     | 11,800~60,300     |
|                                         | COP                          | W/W       | 3.64              | 3.5               | 3.39              | 3.5               | 3.36              | 3.60              | 3.53              | 3.60              | 3.36              | 3.5               | 3.44              |
|                                         | HSPF4                        |           | 10                | 10                | 9.5               | 10.2              | 9.2               | 9.8               | 9                 | 8.7               | 9.3               | 10                | 9.1               |
|                                         | HSPF5                        |           | 8.3               | 8                 | 8                 | 8.1               | 7.7               | 7.7               | 7.3               | 7                 | 7.3               | 7.7               | 7.2               |
| Heating at 5°F (-15°C)                  | Rated Capacity               | Btu/h     | 18,000            | 23,600            | 38,000            | 46,000            | 53,000            | 13,000            | 18,000            | 20,400            | 24,200            | 35,200            | 35,400            |
| Minimum Circuit Ampacity (MCA)          |                              | A         | 19                | 24.9              | 38                | 44                | 44                | 18                | 24                | 28                | 33                | 39                | 42                |
| Max. Fuse                               |                              | A         | 20                | 25                | 40                | 45                | 45                | 20                | 25                | 30                | 35                | 40                | 45                |
| Outdoor Air Flow (Max.)                 |                              | CFM       | 1,765.8           | 2,236.7           | 3,001.9           | 4,237.9           | 4,237.9           | 1,765.8           | 2,236.7           | 2,236.7           | 2,413.3           | 4,237.9           | 4,237.9           |
| Outdoor Noise Level                     |                              | dB(A)     | 59                | 61.5              | 65.5              | 65                | 62                | 56.5              | 58.5              | 61                | 62.5              | 65                | 62.5              |
| Outdoor Unit                            | Dimension (W×D×H)            | inch      | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 38.58x16.34x38.39 | 37.48x16.34x52.48 | 37.48x16.34x52.48 | 35.04x13.46x26.50 | 37.24x16.14x31.89 | 37.24x16.14x31.89 | 37.24x16.14x31.89 | 37.48x16.34x52.48 | 37.48x16.34x52.48 |
|                                         | Packing (W×D×H)              | inch      | 39.17x15.67x29.13 | 42.91x19.68x34.84 | 45.08x19.68x42.52 | 43.11x19.49x57.48 | 43.11x19.49x58.27 | 39.17x15.67x29.13 | 42.91x19.68x34.84 | 42.91x19.68x34.84 | 42.91x19.68x34.84 | 43.11x19.49x57.48 | 43.11x19.49x58.27 |
|                                         | Net/Gross Weight             | lbs.      | 99.87/107.80      | 130.29/141.31     | 206.57/237.44     | 208.78/239.86     | 230.38/261.69     | 92.59/100.31      | 122.13/132.28     | 142.86/154.54     | 152.34/162.48     | 208.78/239.86     | 209.44/240.08     |
| Refrigerant Type/Quantity               |                              | oz.       | R454B/55.38       | R454B/63.49       | R445B/126.99      | R445B/126.99      | R445B/151.68      | R454B/47.97       | R454B/70.55       | R454B/84.66       | R454B/91.71       | R454B/126.99      | R454B/144.62      |
| Refrigerant Precharge                   |                              | ft.       | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                | 25                |
| Additional Charge for each ft.          |                              | oz./ft.   | 0.16              | 0.32              | 0.32              | 0.32              | 0.32              | 0.16              | 0.32              | 0.32              | 0.32              | 0.32              | 0.32              |
| Design Pressure                         |                              | PSIG      | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           | 550/340           |
| Refrigerant piping Liquid side/Gas Side |                              | inch      | 1/4" / 1/2"       | 3/8" / 5/8"       | 3/8" / 3/4"       | 3/8" / 3/4"       | 3/8" / 3/4"       | 1/4" / 1/2"       | 3/8" / 5/8"       | 3/8" / 5/8"       | 3/8" / 3/4"       | 3/8" / 3/4"       | 3/8" / 3/4"       |
| Max. Pipe Length                        |                              | ft.       | 98.4              | 164               | 246               | 246               | 246               | 98.4              | 164               | 164               | 246               | 246               | 213.2             |
| Max. Difference in Level                |                              | ft.       | 65.6              | 82                | 98.4              | 98.4              | 98.4              | 65.6              | 82                | 82                | 98.4              | 98.4              | 98.4              |
| Ambient Temperature                     | Cooling                      | ft.       | -22~122           | -22~122           | 5~122             | 5~122             | 5~122             | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           | -13~122           |
|                                         | Heating                      | °F        | -22~75            | -22~75            | -22~75            | -22~75            | -22~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            |
| Certifications                          | AHRI                         |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | ETL                          |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | Energy Star for Cold Climate |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                                         | NEEP                         |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |



PEAQ

PEAQ

18K TO 55K BTU  
SINGLE-ZONE

Full range of options to fit  
your lifestyle needs.

ADAPTIVE VOLTAGE  
115V TO 208/230V

Automatically identifying the  
required voltage, no need for  
manual conversion.

SAME WIDTH AS YOUR  
EXISTING GAS FURNACE

M-COIL  
SYMMETRIC FAN BLOWER

Optimized structure brings  
even airflow and higher  
efficiency heat exchange.

SEER2: Up to 19  
EER2: Up to 12.5  
HSPF2: Up to 10.8  
COP: Up to 3.6  
STATIC PRESSURE: 1.2

100% HEATING  
OUTPUT AT 0°F

Extraordinary Cold Climate  
Heating Performance



Refrigerant  
Sensor

MORE EFFICIENT THAN  
YOUR OLD AHU UNIT



WATCH OUR  
INFORMATIONAL  
VIDEO

**COOPER&HUNTER PEAQ** MAKES IT EASY TO REPLACE YOUR EXISTING  
GAS FURNACE, OLD AHU OR UNITARY SYSTEMS!



# PEAQ

## MULTI-VOLTAGE AIR HANDLER UNIT

AHU 18K, 24K, 33K, 36K, 48K, 55K Btu/h

**ADAPTIVE MULTI-VOLTAGE - 115V & 208-230V:** All in one 115/208-230V Automatically identifying the required voltage without the need for manual conversion, eliminating the hassle of rewiring.

**M-COIL:** 2% Airflow difference between evaporators less than 0.02 in. W.C. pressure drop.

**TU1 COPPER TUBES:** Oxygen-free copper with higher purity copper content of over 99.97%, providing excellent electrical and thermal conductivity and superior corrosion and cold resistance.

**SYMMETRIC FAN BLOWER DESIGN:** Optimized structure brings even airflow and higher efficiency heat exchange.

**SLIMMER INDOOR UNITS:** The same width as most gas furnaces 14.5"-21.5" making the PEAQ unit an ideal replacement for your gas furnace.

**AUXILIARY HEATER:** Purchased separately as a backup heat option for indoor units, available in 5kW, 10kW, 15kW, and 20kW models.

**REFRIGERANT LEAK SENSORS:** Protects the compressor from damage due to refrigerant leaks by alerting user with error code "EC".

**WIRED THERMOSTAT CONTROLLER INCLUDED:** Also compatible with most third party 24V wired thermostats.

**SMART KIT BUILT-IN:** C&H's Smart Kit enables control from anywhere with C&H Remote app using any IOS or Android smart device.

**TRUE MULTI-POSITION AIR HANDLER:** Unit can be installed in Horizontal or Vertical, upward or downward positions for optimal space usage.

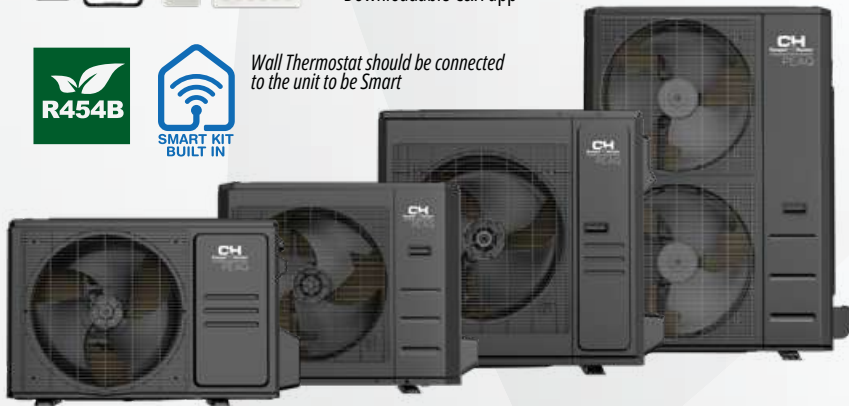


### CONTROL OPTIONS

- 12V Wall Thermostat
- Remote control included
- Downloadable C&H app



Wall Thermostat should be connected to the unit to be Smart



| AHU Capacity | 5kW heater  | 10kW heater | 15kW heater | 20kW heater |
|--------------|-------------|-------------|-------------|-------------|
|              | One group   | One group   | Two groups  | Two groups  |
|              | 10KW+5KW    | 10KW+5KW    | 10KW+5KW    | 10KW+10KW   |
|              | W1 on 5KW   | W1 on 10KW  | W1 on 10KW  | W1 on 10KW  |
| Model        | CH-PQEH05KW | CH-PQEH10KW | CH-PQEH15KW | CH-PQEH20KW |
| 18K(AHU)     | Y           | Y           | -           | -           |
| 24K(AHU)     | Y           | Y           | Y           | -           |
| 33K(AHU)     | Y           | Y           | Y           | Y           |
| 36K(AHU)     | Y           | Y           | Y           | Y           |
| 48K(AHU)     | -           | Y           | Y           | Y           |
| 55K(AHU)     | -           | Y           | Y           | Y           |

| Electric Heater | Power (BTU/h) | 1.5 ton (18,000) | 2 ton (24,000) | 3 ton (30,000) | 4 ton (36,000) | 5 ton (48,000) | 5 ton (54,000) |
|-----------------|---------------|------------------|----------------|----------------|----------------|----------------|----------------|
|                 | Model         | CH-PQ18AHU       | CH-PQ24AHU     | CH-PQ33AHU     | CH-PQ36AHU     | CH-PQ48AHU     | CH-PQ55AHU     |
|                 | 5KW           | Y                | Y              | Y              | Y              | -              | -              |
|                 | 10KW          | Y                | Y              | Y              | Y              | Y              | Y              |
|                 | 15KW          | -                | Y              | Y              | Y              | Y              | Y              |
| 20KW            | -             | -                | Y              | Y              | Y              | Y              | Y              |

**NEW INVERTER TECHNOLOGY:** NEW Inverter Algorithm can analyze more factors, including temperature difference and the tendency of temperature difference changes, with a more frequent temperature detection to guarantee a more accurate and smooth control of the compressor output.

**EXTRAORDINARY COLD CLIMATE HEATING PERFORMANCE:** True high performance hyper units provide 100% heating output at 0°F.

**GOLD FIN:** Gold coating in the condenser withstands salty air, rain and other corrosive elements, preventing bacteria growth.

**DRAIN PAN HEATER:** Factory installed drain pan heater in outdoor unit prevents ice accumulation, improving heat transfer efficiency.

**ULTRA EFFICIENT DISCHARGE FAN:** The horizontal fan and vertical heat exchanger guarantee more uniform and efficient heat exchanging velocity across the entire heat exchanger surface, preventing frost on the compressor's coils.

**DELAY FUSE:** A detachable delay fuse added to the system protects the wire set from outdoor to indoor, preventing overcurrent.

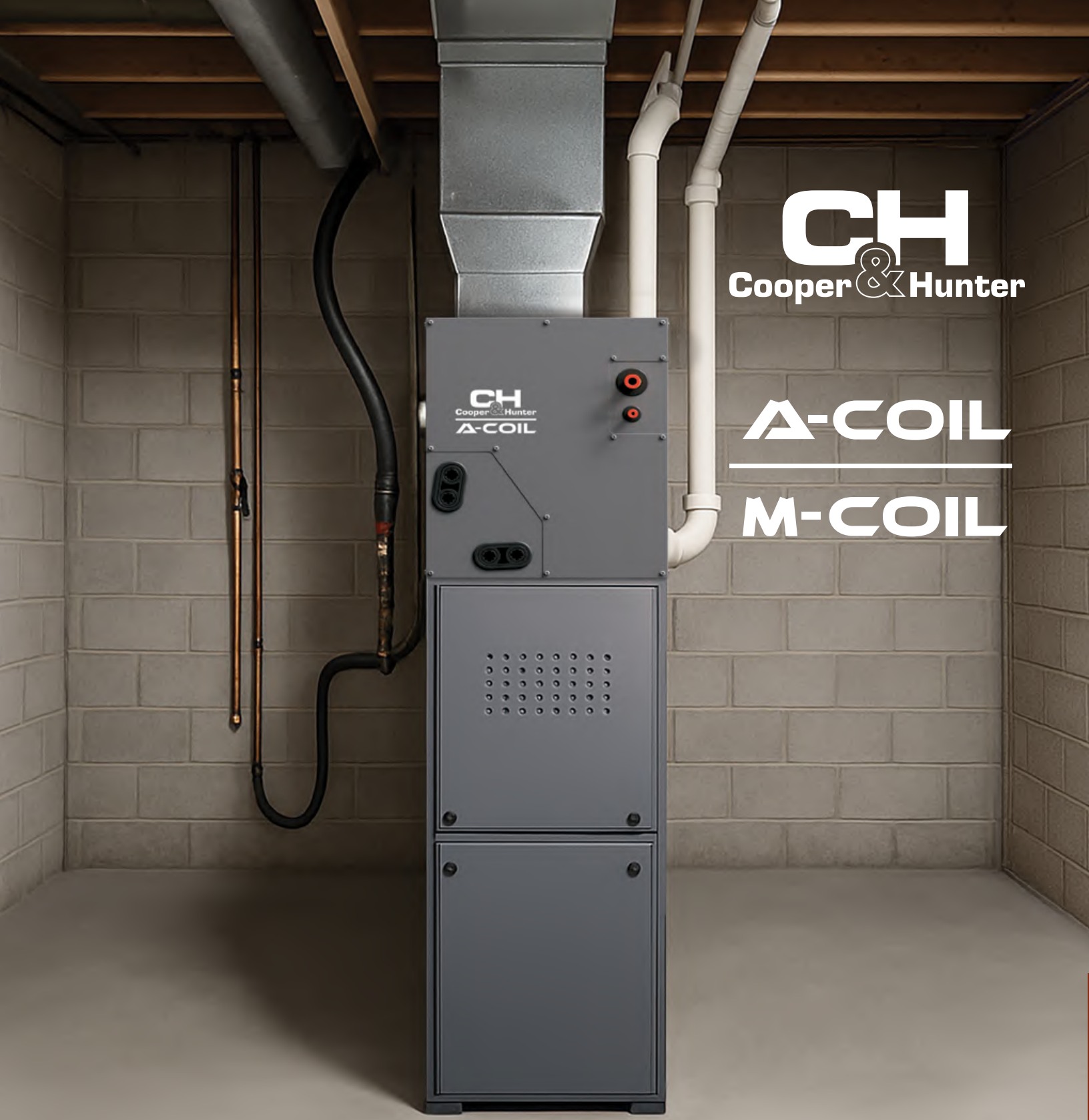
### HIGH PERFORMANCE HYPER

\* Static Pressure values may vary when adding the auxiliary heater.

| INDOOR                                | Indoor Model                       |                |                   | CH-PQ18AHU         | CH-PQ24AHU              | CH-PQ33AHU              | CH-PQ36AHU              | CH-PQ48AHU                 | CH-PQ55AHU                  |                             |
|---------------------------------------|------------------------------------|----------------|-------------------|--------------------|-------------------------|-------------------------|-------------------------|----------------------------|-----------------------------|-----------------------------|
|                                       | Power Supply                       | Rated          | V, Ph, Hz         | 115/208/230, 1, 60 | 115/208/230, 1, 60      | 115/208/230, 1, 60      | 115/208/230, 1, 60      | 115/208/230, 1, 60         | 115/208/230, 1, 60          |                             |
|                                       | Cooling                            | Rated Capacity | Btu/h             | 18,000             | 24,000                  | 30,000                  | 36,000                  | 48,000                     | 54,000                      |                             |
|                                       |                                    | Rated Current  | A                 | 9.3                | 9.1                     | 11.4                    | 13.4                    | 18                         | 20.5                        |                             |
|                                       | Heating                            | Rated Capacity | Btu/h             | 18,000             | 24,000                  | 33,000                  | 36,000                  | 48,000                     | 54,000                      |                             |
|                                       |                                    | Rated Current  | A                 | 9.4                | 9.1                     | 12.3                    | 13.3                    | 18.9                       | 21.5                        |                             |
|                                       | Minimum Circuit Ampacity (MCA)     |                |                   | A                  | 5.5/3.5                 | 5.5/3.5                 | 8.0/6.05                | 8.0/6.0                    | 14.5/10                     | 14.5/10                     |
|                                       | Max. Fuse                          |                |                   | A                  | 15                      | 15                      | 15                      | 15                         | 15                          | 15                          |
|                                       | Indoor Air Flow (TurboHi/Mi/Lo)    |                |                   | CFM                | 618.0/576.8/529.7/488.5 | 824.0/759.3/694.5/629.8 | 988.8/894.7/806.4/712.2 | 1236.1/1147.8/1059.5/971.2 | 1601.0/1442.1/1265.5/1088.9 | 1801.1/1648.1/1500.9/1236.1 |
|                                       | Indoor Noise Level (TurboHi/Mi/Lo) |                |                   | dB(A)              | N/A/42.5/40.5/37        | N/A/47.5/44/33          | 49/47/45.5/31.5         | N/A/49.5/48/31.5           | N/A/53.0/49.5/33.5          | 60.0/57.0/54.5/37.0         |
| External Static Pressure (ESP) Range* |                                    |                | inWG              | 0-1.2              | 0-1.2                   | 0-1.2                   | 0-1.2                   | 0-1.2                      | 0-1.2                       |                             |
| Indoor                                | Dimension (WxDxH)                  | inch           | 14.49x21.50x49.72 | 14.49x21.50x49.72  | 17.52x21.50x53.98       | 17.52x21.50x53.98       | 21.50x21.50x55.94       | 21.50x21.50x55.94          |                             |                             |
|                                       | Packing (WxDxH)                    | inch           | 17.52x31.10x52.95 | 17.52x31.10x52.95  | 20.47x31.10x57.09       | 20.47x31.10x57.09       | 25x31.10x59.84          | 25x31.10x59.84             |                             |                             |
|                                       | Net/Gross Weight                   | lbs.           | 123.02/154.76     | 123.02/154.76      | 149.25/182.10           | 149.25/182.10           | 186.51/232.14           | 186.51/232.14              |                             |                             |
| Room Temperature                      | Cooling                            | °F             | 60~90             | 60~90              | 60~90                   | 60~90                   | 60~90                   | 60~90                      |                             |                             |
|                                       | Heating                            | °F             | 32~86             | 32~86              | 32~86                   | 32~86                   | 32~86                   | 32~86                      |                             |                             |
| Liquid Side/Gas side                  |                                    |                | inch              | 3/8" / 3/4"        | 3/8" / 3/4"             | 3/8" / 3/4"             | 3/8" / 3/4"             | 3/8" / 3/4"                | 3/8" / 3/4"                 |                             |

| OUTDOOR                                 | Outdoor Model   |                      |                              | CH-PQ18-230VO         | CH-PQ24-230VO         | CH-PQ33-230VO         | CH-PQ36-230VO         | CH-PQ48-230VO         | CH-PQ55-230VO         |
|-----------------------------------------|-----------------|----------------------|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                         | Power Supply    | Rated                | V, Ph, Hz                    | 208-230, 1, 60        | 208-230, 1, 60        | 208-230, 1, 60        | 208-230, 1, 60        | 208-230, 1, 60        | 208-230, 1, 60        |
|                                         |                 | Voltage range        | V                            | 187-253               | 187-253               | 187-253               | 187-253               | 187-253               | 187-253               |
|                                         | Cooling         | Rated Current        | A                            | 10.5                  | 14                    | 18                    | 18                    | 28                    | 31                    |
|                                         |                 | Rated Capacity Range | Btu/h                        | 4600~23100            | 6400~28700            | 11200~40000           | 14800~41700           | 18000~52000           | 11400~60000           |
|                                         |                 | EER2                 |                              | 12.5                  | 12                    | 12                    | 12                    | 12                    | 12                    |
|                                         | Heating at 47°F | SEER2                |                              | 19                    | 18.6                  | 17.2                  | 17.7                  | 17.5                  | 17.5                  |
|                                         |                 | Rated Capacity Range | Btu/h                        | 5700~23100            | 6700~29100            | 9700~35800            | 10700~38400           | 13500~52000           | 8600~60000            |
|                                         |                 | COP                  | W/W                          | 3.6                   | 3.49                  | 3.54                  | 3.6                   | 3.28                  | 3.35                  |
|                                         |                 | HSPF4                |                              | 10.1                  | 10                    | 10.8                  | 10                    | 9.5                   | 9.5                   |
| Heating at 5°F (-15°C)                  | HSPF5           |                      | 8.5                          | 8.1                   | 8.8                   | 8                     | 7.7                   | 7.7                   |                       |
|                                         | Rated Capacity  | Btu/h                | 23600                        | 25200                 | 42500                 | 39800                 | 50000                 | 54000                 |                       |
| Minimum Circuit Ampacity (MCA)          |                 |                      | A                            | 16                    | 19                    | 29.5                  | 26                    | 38                    | 40                    |
| Max. Fuse                               |                 |                      | A                            | 20                    | 20                    | 30                    | 30                    | 40                    | 40                    |
| Outdoor Air Flow (Max.)                 |                 |                      | CFM                          | 1,765.8               | 1765.8                | 3001.9                | 3001.9                | 3037.2                | 2648.7                |
| Outdoor Noise Level                     |                 |                      | dB(A)                        | 56.5                  | 59                    | 62                    | 62.5                  | 65                    | 64.5                  |
| Outdoor Unit                            |                 | Dimension (W×D×H)    | inch                         | 35.04 x 13.46 x 26.50 | 35.04 x 13.46 x 26.50 | 37.24 x 16.14 x 31.89 | 37.24 x 16.14 x 31.89 | 38.58 x 16.34 x 38.39 | 37.48 x 16.34 x 52.48 |
| Packing (W×D×H)                         |                 |                      | inch                         | 39.17x15.67x29.13     | 39.17 x 15.67 x 29.13 | 42.91 x 19.68 x 34.84 | 42.91 x 19.68 x 34.84 | 45.08 x 19.68 x 42.52 | 43.11 x 19.49 x 58.27 |
| Net/Gross Weight                        |                 |                      | lbs.                         | 101.41/109.13         | 102.29/109.13         | 166.67/176.37         | 166.67/176.37         | 232.59/201.50         | 242.95/275.13         |
| Refrigerant Type/Quantity               |                 |                      | oz.                          | R454B/74.08           | R454B/74.08           | R454B/105.82          | R454B/126.99          | R454B/134.04          | R454B/183.42          |
| Refrigerant Precharge                   |                 |                      | ft.                          | 25                    | 25                    | 25                    | 25                    | 25                    | 25                    |
| Additional Charge for each ft.          |                 |                      | oz./ft.                      | 0.7                   | 0.7                   | 0.7                   | 0.7                   | 0.7                   | 0.7                   |
| Design Pressure                         |                 |                      | PSIG                         | 550/340               | 550/340               | 550/340               | 550/340               | 550/340               | 550/340               |
| Refrigerant piping Liquid side/Gas Side |                 |                      | inch                         | 3/8" / 3/4"           | 3/8" / 3/4"           | 3/8" / 3/4"           | 3/8" / 3/4"           | 3/8" / 3/4"           | 3/8" / 3/4"           |
| Max. Pipe Length                        |                 |                      | ft.                          | 164                   | 164                   | 164                   | 213.2                 | 246                   | 246                   |
| Max. Difference in Level                |                 |                      | ft.                          | 82                    | 82                    | 82                    | 98.4                  | 98.4                  | 98.4                  |
| Ambient Temperature                     | Cooling         | ft.                  | -22~122                      | -22~122               | -22~122               | -22~122               | -22~122               | -22~122               |                       |
|                                         | Heating         | °F                   | -22~75                       | -22~75                | -22~75                | -22~75                | -22~75                | -22~75                |                       |
| Certifications                          |                 |                      | AHRI                         | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |
|                                         |                 |                      | ETL                          | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |
|                                         |                 |                      | Energy Star for Cold Climate | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |
|                                         |                 |                      | NEEP                         | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |





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**A-COIL**  
**M-COIL**



**HOT Summer:**  
Efficient Cooling Capability



Maximize your comfort and efficiency while cooling your home.





**MILD Winter:**  
Dual-Fuel Capability



Complete comfort and efficiency from a heat pump.





**EXTREME Winter:**  
Dual-Fuel Capability

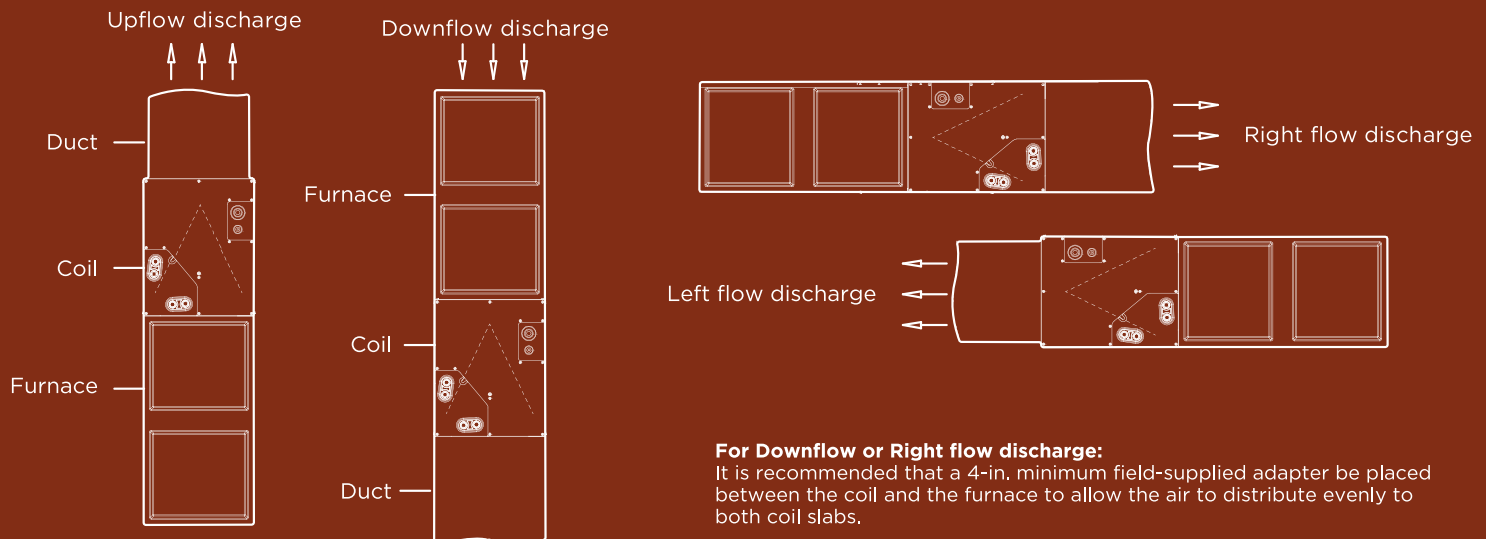


Use your Gas Furnace as a back up when temperature drops below -22°F.



# Turn Your Existing Furnace into an Air Conditioner

*Engineered for full compatibility with universal third party outdoor condensing units utilizing R454B refrigerant and a 24V control interface.*







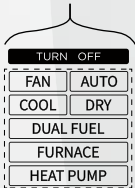
18K-60K Btu/h  
MULTI-POSITION | SINGLE-ZONE SERIES



Refrigerant  
Sensor



120F Thermostat Included



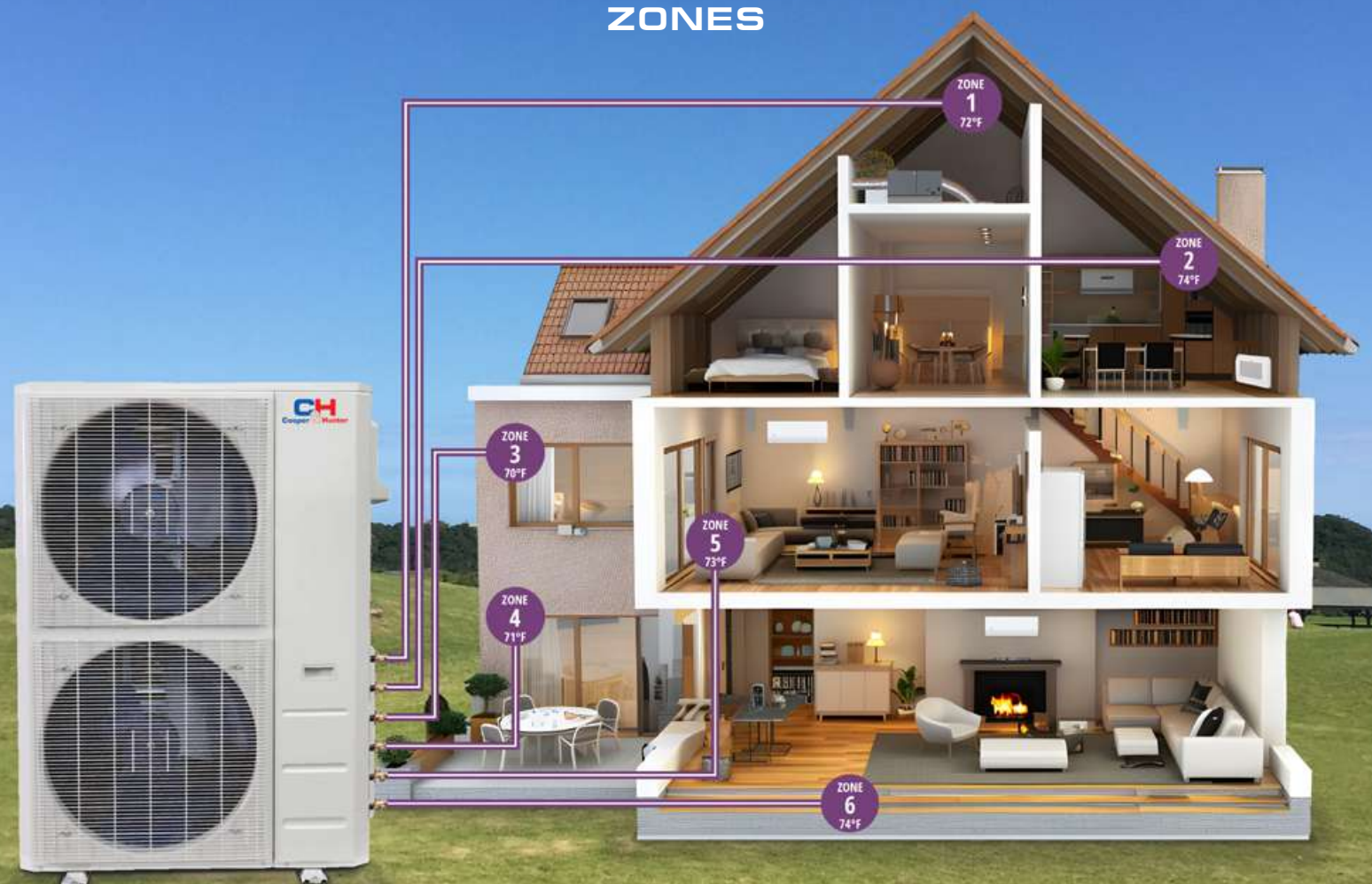
|                                         |                              |           |       |                       |                     |                       |                     |                       |                       |                      |                       |                      |                      |                      |                      |
|-----------------------------------------|------------------------------|-----------|-------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|-----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|
| INDOOR                                  |                              |           |       | CH-ACL18-24A          | CH-ACL18-24B        | CH-ACL18-24A          | CH-ACL18-24B        | CH-ACL30-36B          | CH-ACL30-36C          | CH-ACL30-36B         | CH-ACL30-36C          | CH-MCL48-60C         | CH-ACL48-60D         | CH-MCL48-60C         | CH-ACL48-60D         |
| Power Supply                            | Rated                        | V, Ph, Hz |       | 208/230,1, 60         | 208/230,1, 60       | 208/230,1, 60         | 208/230,1, 60       | 208/230,1, 60         | 208/230,1, 60         | 208/230,1, 60        | 208/230,1, 60         | 208/230,1, 60        | 208/230,1, 60        | 208/230,1, 60        | 208/230,1, 60        |
|                                         | Communication                | V         |       | 24                    | 24                  | 24                    | 24                  | 24                    | 24                    | 24                   | 24                    | 24                   | 24                   | 24                   | 24                   |
| Rated Capacity                          | Cooling                      | Btu/h     |       | 18,000                | 18,000              | 24,000                | 24,000              | 29,000                | 29,000                | 36,000               | 36,000                | 45,000               | 45,000               | 52,000               | 53,000               |
|                                         | Heating                      | Btu/h     |       | 19,000                | 19,000              | 25,000                | 25,000              | 32,000                | 32,000                | 38,000               | 38,000                | 48,000               | 50,000               | 56,000               | 58,000               |
| Indoor                                  | Dimension (WxDxH)            | inch      |       | 14.5 x 21 x 18        | 17.5 x 21 x 18      | 14.5 x 21 x 18        | 17.5 x 21 x 18      | 17.5 x 21 x 23.5      | 21 x 21 x 24          | 17.5 x 21 x 23.5     | 21 x 21 x 24          | 21.62 x 21.5 x 27.75 | 24.5 x 21 x 28       | 21.62 x 21.5 x 27.75 | 24.5 x 21 x 28       |
|                                         | Packing (WxDxH)              | inch      |       | 17.5 x 25.37 x 20.62  | 20.5x 26.12 x 20.87 | 17.5 x 25.37 x 20.62  | 20.5x 26.12 x 20.87 | 20.5 x 26.12 x 26.37  | 24.02 x 26.12 x 26.37 | 20.5 x 26.12 x 26.37 | 24.02 x 26.12 x 26.37 | 31.12 x 25 x 25.62   | 27.75x 26.12 x 30.37 | 31.12 x 25 x 25.62   | 27.75x 26.12 x 30.37 |
|                                         | Net/Gross Weight             | lbs.      |       | 42 / 50               | 42 / 50             | 42 / 50               | 42 / 50             | 59.5 / 68             | 64 / 74               | 59.5 / 68            | 64 / 74               | 97 / 115             | 81 / 92              | 97 / 115             | 81 / 92              |
| Room Temperature                        | Cooling                      | °F        |       | 60~90                 | 60~90               | 60~90                 | 60~90               | 60~90                 | 60~90                 | 60~90                | 60~90                 | 60~90                | 60~90                | 60~90                | 60~90                |
|                                         | Heating                      | °F        |       | 32~86                 | 32~86               | 32~86                 | 32~86               | 32~86                 | 32~86                 | 32~86                | 32~86                 | 32~86                | 32~86                | 32~86                | 32~86                |
| Liquid Side/Gas Side                    |                              |           | inch  | 3/8" / 3/4"           | 3/8" / 3/4"         | 3/8" / 3/4"           | 3/8" / 3/4"         | 3/8" / 3/4"           | 3/8" / 3/4"           | 3/8" / 3/4"          | 3/8" / 3/4"           | 3/8" / 3/4"          | 3/8" / 3/4"          | 3/8" / 3/4"          | 3/8" / 3/4"          |
| OUTDOOR                                 |                              |           |       | CH-PQ18-230V0         |                     | CH-PQ24-230V0         |                     | CH-PQ33-230V0         |                       | CH-PQ36X-230V0       |                       | CH-PQ48-230V0        |                      | CH-PQ55-230V0        |                      |
| Power Supply                            | Rated                        | V, Ph, Hz |       | 208/230,1, 60         |                     | 208/230,1, 60         |                     | 208/230,1, 60         |                       | 208/230,1, 60        |                       | 208/230,1, 60        |                      | 208/230,1, 60        |                      |
|                                         | Voltage Range                | V         |       | 187-253               |                     | 187-253               |                     | 187-253               |                       | 187-253              |                       | 187-253              |                      | 187-253              |                      |
| Cooling                                 | Rated Capacity Range         | Btu/h     |       | 5,600~22,800          |                     | 7,900~27,600          |                     | 13,900~37,900         |                       | 12,100~41,000        |                       | 16,000~48,000        |                      | 15,500~47,000        |                      |
|                                         | Rated Current                | A         |       | 8.3                   |                     | 9                     |                     | 9.7                   |                       | 14.6                 |                       | 19.6                 |                      | 18.3                 |                      |
|                                         | EER2                         |           |       | 11.7                  |                     | 10                    |                     | 10                    |                       | 10.7                 |                       | 10                   |                      | 10                   |                      |
|                                         | SEER2                        |           |       | 16.1                  |                     | 16                    |                     | 16                    |                       | 15.8                 |                       | 15.2                 |                      | 14.5                 |                      |
|                                         | Rated Capacity Range         | Btu/h     |       | 5,600~22,800          |                     | 6,500~30,000          |                     | 13,000~40,000         |                       | 11,500~46,000        |                       | 16,000~50,000        |                      | 16,000~52,000        |                      |
| Heating at 47°F                         | Rated current                | A         |       | 10                    |                     | 8.5                   |                     | 10.8                  |                       | 14.7                 |                       | 19.6                 |                      | 19                   |                      |
|                                         | COP                          | W/W       |       | 3.3                   |                     | 3.2                   |                     | 3.37                  |                       | 3.3                  |                       | 3.12                 |                      | 3.15                 |                      |
|                                         | HSPF4                        |           |       | 9.5                   |                     | 9.5                   |                     | 10                    |                       | 9.4                  |                       | 8.8                  |                      | 8.4                  |                      |
|                                         | HSPF5                        |           |       | 7.8                   |                     | 7                     |                     | 8.5                   |                       | 7.9                  |                       | 7.4                  |                      | 7.3                  |                      |
|                                         | Minimum Circuit Ampacity     | A         |       | 16                    |                     | 19                    |                     | 29.5                  |                       | 29                   |                       | 38                   |                      | 38                   |                      |
| Max.Fuse (Outdoor Unit)                 |                              |           | A     | 20                    |                     | 20                    |                     | 30                    |                       | 30                   |                       | 40                   |                      | 40                   |                      |
| Outdoor                                 | Dimension (WxDxH)            | inch      |       | 35 x 13.5 x 26.5      |                     | 35 x 13.5 x 26.5      |                     | 37.25 x 16.12 x 31.87 |                       | 38.56x 16.37 x 38.37 |                       | 38.56x 16.37 x 38.37 |                      | 37.5 x 16.37 x 52.5  |                      |
|                                         | Packing (WxDxH)              | inch      |       | 39.12 x 15.62 x 29.12 |                     | 39.12 x 15.62 x 29.12 |                     | 42.87x 19.62 x 34.87  |                       | 45.06 x 19.62 x 42.5 |                       | 45.06 x 19.62 x 42.5 |                      | 43.12 x 19.5x 58.25  |                      |
|                                         | Net/Gross Weight             | lbs.      |       | 101 / 109             |                     | 102 / 109             |                     | 164 / 175             |                       | 204 / 235            |                       | 201 / 232            |                      | 242 / 275            |                      |
| Refrigerant Type / Charge               |                              |           | oz.   | R454B / 74.08         |                     | R454B / 74.08         |                     | R454B / 105.82        |                       | R454B / 126.99       |                       | R454B / 134.04       |                      | R454B / 183.42       |                      |
| Refrigerant Precharge Length            |                              |           | ft.   | 25                    |                     | 25                    |                     | 25                    |                       | 25                   |                       | 25                   |                      | 25                   |                      |
| Additional Charge for Each ft.          |                              |           | oz/ft | 0.7                   |                     | 0.7                   |                     | 0.7                   |                       | 0.7                  |                       | 0.7                  |                      | 0.7                  |                      |
| Design Pressure                         |                              |           | PSIG  | 550/340               |                     | 550/340               |                     | 550/340               |                       | 550/340              |                       | 550/340              |                      | 550/340              |                      |
| Refrigerant Piping Liquid Side/Gas Side |                              |           | inch  | 3/8" / 3/4"           |                     | 3/8" / 3/4"           |                     | 3/8" / 3/4"           |                       | 3/8" / 3/4"          |                       | 3/8" / 3/4"          |                      | 3/8" / 3/4"          |                      |
| Max. Pipe Length                        |                              |           | ft.   | 98                    |                     | 164                   |                     | 164                   |                       | 246                  |                       | 246                  |                      | 246                  |                      |
| Max. Difference in Level                |                              |           | ft.   | 66                    |                     | 82                    |                     | 82                    |                       | 98                   |                       | 98.4                 |                      | 98                   |                      |
| Ambient Temperature                     | Cooling                      | °F        |       | -22~122               |                     | -22~122               |                     | -22~122               |                       | -22~122              |                       | -22~122              |                      | -22~122              |                      |
|                                         | Heating                      | °F        |       | -22~75                |                     | -22~75                |                     | -22~75                |                       | -22~75               |                       | -22~75               |                      | -22~75               |                      |
| Certifications                          | ETL                          |           |       | ✓                     |                     | ✓                     |                     | ✓                     |                       | ✓                    |                       | ✓                    |                      | ✓                    |                      |
|                                         | AHRI                         |           |       | ✓                     |                     | ✓                     |                     | ✓                     |                       | ✓                    |                       | ✓                    |                      | ✓                    |                      |
|                                         | Energy Star for Cold Climate |           |       | ✓                     |                     | ✓                     |                     | ✓                     |                       | ✓                    |                       | ✓                    |                      | ✓                    |                      |
|                                         | NEEP                         |           |       | ✓                     |                     | ✓                     |                     | ✓                     |                       | ✓                    |                       | ✓                    |                      | ✓                    |                      |

- Wide range for flexible installation (18K - 60K)
- Compatible with existing furnaces
- Multi-position Installation: Horizontal (left/right), Vertical (up/down)
- Completely insulated cabinet ensures the evaporator coil runs quietly and efficiently by providing sound and thermal proofing
- Full compatibility with universal third party outdoor condensing units utilizing R454B refrigerant and a 24V control interface
- TXV Valve
- Flared connection type
- Aluminum coil with anti-corrosive GoldFin coating
- R454B refrigerant sensor
- Easy access for coil maintenance
- Multiple control options available: 2-way communication wired controller with Built-in Smart communication (120F Thermostat) or third party 24V Thermostat
- Durable L-shaped drain pans with a precise slope for efficient water drainage and better moisture removal.



# HYPER and REGULAR Series

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*The newest generation of outdoor units now provide a wide range of compatibility across Cooper&Hunter's vast product selection to better serve any project configuration.*

## MULTI-ZONE



MULTI-ZONE Inverter Heat Pump Solutions

|                                             |                              |           | WITHOUT SHUT-OFF VALVES                                       |                     |                     |                     |                     | WITH AND WITHOUT SHUT-OFF VALVES    |                                     |                                     |                                     |                                     |
|---------------------------------------------|------------------------------|-----------|---------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|                                             |                              |           | REGULAR                                                       |                     |                     |                     |                     | HYPER                               |                                     |                                     |                                     |                                     |
| Outdoor Model                               |                              |           | CH-R18MES-230VO                                               | CH-R28MES-230VO     | CH-R36MES-230VO     | CH-R48MES-230VO     | CH-R60MES-230VO     | CH-RVHP19M-230VO<br>CH-RHP19M-230VO | CH-RVHP28M-230VO<br>CH-RHP28M-230VO | CH-RVHP36M-230VO<br>CH-RHP36M-230VO | CH-RVHP48M-230VO<br>CH-RHP48M-230VO | CH-RVHP55M-230VO<br>CH-RHP55M-230VO |
| Power Supply                                | Rated                        | V, Ph, Hz | 208/230, 1, 60                                                | 208/230, 1, 60      | 208/230, 1, 60      | 208/230, 1, 60      | 208/230, 1, 60      | 208/230, 1, 60                      | 208/230, 1, 60                      | 208/230, 1, 60                      | 208/230, 1, 60                      | 208/230, 1, 60                      |
|                                             | Voltage Range                | V         | 187-253                                                       | 187-253             | 187-253             | 187-253             | 187-253             | 187-253                             | 187-253                             | 187-253                             | 187-253                             | 187-253                             |
| Cooling                                     | Rated Capacity (range)       | Btu/h     | 5,400~21,600                                                  | 7,200~32,000        | 9,000~42,000        | 12,000~55,000       | 19,000~62,000       | 5,400~28,000                        | 7,200~37,000                        | 9,000~43,000                        | 12,000~57,000                       | 19,000~59,000                       |
|                                             | Rated Current                | A         | 6                                                             | 9.2                 | 13.5                | 16.6                | 26.2                | 5.6                                 | 9.5                                 | 12                                  | 17.3                                | 18.5                                |
|                                             | EER2                         |           | 14                                                            | 13                  | 12                  | 12.5                | 10                  | 15                                  | 12.5                                | 13                                  | 12                                  | 12                                  |
|                                             | SEER2                        |           | 25.1                                                          | 25                  | 24                  | 24                  | 22                  | 25                                  | 23                                  | 23                                  | 23                                  | 22.2                                |
|                                             |                              |           |                                                               |                     |                     |                     |                     |                                     |                                     |                                     |                                     |                                     |
| Heating at 47°F                             | Rated Capacity (range)       | Btu/h     | 5,700~21,600                                                  | 8,400~29,000        | 10,000~42,500       | 13,000~53,000       | 20,000~60,000       | 5,700~27,000                        | 8,400~36,000                        | 10,000~44,000                       | 13,000~57,000                       | 20,000~59,000                       |
|                                             | Rated Current                | A         | 6.8                                                           | 9.2                 | 14                  | 16.3                | 21                  | 6.5                                 | 9.1                                 | 11.5                                | 17.3                                | 20.1                                |
|                                             | COP                          | W/W       | 3.8                                                           | 3.8                 | 3.5                 | 3.8                 | 3.7                 | 4                                   | 3.8                                 | 4                                   | 3.7                                 | 3.5                                 |
|                                             | HSPF4                        |           | 9.8                                                           | 9.5                 | 9.5                 | 10.3                | 9.5                 | 10.4                                | 10.5                                | 10.7                                | 11                                  | 10.5                                |
|                                             | HSPF5                        |           | 7.8                                                           | 7                   | 7                   | 8                   | 7.4                 | 8.5                                 | 8.5                                 | 8.5                                 | 9                                   | 8.5                                 |
| Heating at 5°F                              | Rated Capacity               | Btu/h     | 13,500                                                        | 19,000              | 26,000              | 36,000              | 39,000              | 19,000                              | 27,000                              | 36,000                              | 47,000                              | 47,000                              |
| Minimum Circuit Ampacity (Outdoor unit)     |                              | A         | 16                                                            | 23                  | 30.5                | 40                  | 40                  | 17.5                                | 30                                  | 37                                  | 37                                  | 39.5                                |
| Max. Fuse (Outdoor unit)                    |                              | A         | 20                                                            | 25                  | 35                  | 45                  | 45                  | 20                                  | 35                                  | 40                                  | 40                                  | 40                                  |
| Outdoor Air Flow (Max)                      |                              | CFM       | 1,765.8                                                       | 2,130.7             | 2,148.4             | 4,502.8             | 4,502.8             | 2,130.7                             | 2,148.4                             | 3,037.2                             | 4,502.8                             | 4,502.8                             |
| Outdoor Noise Level (Sound Pressure)        |                              | dB(A)     | 59.5                                                          | 61                  | 64.5                | 63                  | 65                  | 61.5                                | 61                                  | 65                                  | 65                                  | 65                                  |
| Dimension (W×D×H)                           |                              | inch      | 35.04x13.46x26.50                                             | 37.24x16.14x31.89   | 37.24x16.14x31.89   | 37.48x16.34x52.48   | 37.48x16.34x52.48   | 37.24x16.14x31.89                   | 37.24x16.14x31.89                   | 38.58x16.34x38.39                   | 37.48x16.34x52.48                   | 37.48x16.34x52.48                   |
| Packing (W×D×H)                             |                              | inch      | 40.55x17.24x29.53                                             | 42.91x19.68x34.84   | 42.91x19.68x34.84   | 43.11x19.49x58.27   | 43.11x19.49x58.27   | 42.91x19.68x34.84                   | 42.91x19.68x34.84                   | 45.08x19.68x42.52                   | 43.11x19.49x58.27                   | 43.11x19.49x58.27                   |
| Net/Gross Weight                            |                              |           | 100.53/109.35                                                 | 138.89/149.69       | 168.87/180.12       | 222.00/254.19       | 237.88/270.28       | 137.35/148.15                       | 168.43/179.67                       | 211.86/244.71                       | 246.47/276.68                       | 246.47/276.68                       |
| Refrigerant Type/Charged                    |                              | oz        | R454B/61.73                                                   | R454B/84.66         | R454B/120.63        | R454B/148.15        | R454B/151.68        | R454B/78.31                         | R454B/120.63                        | R454B/134.04                        | R454B/151.68                        | R454B/151.68                        |
| Refrigerant Precharge                       |                              | ft        | 75                                                            | 100                 | 125                 | 150                 | 150                 | 75                                  | 100                                 | 125                                 | 150                                 | 150                                 |
| Additional Charge for Each                  |                              | oz/ft     | 0.16 / 0.32                                                   | 0.16 / 0.32         | 0.16 / 0.32         | 0.16 / 0.32         | 0.16 / 0.32         | 0.16 / 0.32                         | 0.16 / 0.32                         | 0.16 / 0.32                         | 0.16 / 0.32                         | 0.16 / 0.32                         |
|                                             |                              |           | 0.16 for 1/4 in liquid pipe /<br>*0.32 for 3/8 in liquid pipe |                     |                     |                     |                     |                                     |                                     |                                     |                                     |                                     |
| Design Pressure                             |                              | PSIG      | 550/340                                                       | 550/340             | 550/340             | 550/340             | 550/340             | 550/340                             | 550/340                             | 550/340                             | 550/340                             | 550/340                             |
| Refrigerant Piping                          | Liquid Side                  | inch      | 3 x 1/4"                                                      | 4 x 1/4"            | 5 x 1/4"            | 6 x 1/4"            | 6 x 1/4"            | 3 x 1/4"                            | 4 x 1/4"                            | 5 x 1/4"                            | 6 x 1/4"                            | 6 x 1/4"                            |
|                                             | Gas Side                     | inch      | 3 x 3/8"                                                      | 3 x 3/8" + 1 x 1/2" | 4 x 3/8" + 1 x 1/2" | 4 x 3/8" + 2 x 1/2" | 4 x 3/8" + 2 x 1/2" | 3 x 3/8"                            | 3 x 3/8" + 1 x 1/2"                 | 3 x 3/8" + 2 x 1/2"                 | 4 x 3/8" + 2 x 1/2"                 | 4 x 3/8" + 2 x 1/2"                 |
| Max. Pipe Length                            |                              | ft        | 196.8                                                         | 262.4               | 262.4               | 262.4               | 262.4               | 196.8                               | 262.4                               | 262.4                               | 262.4                               | 262.4                               |
| Max. Length for One Indoor Unit             |                              | ft        | 98.4                                                          | 114.8               | 114.8               | 114.8               | 114.8               | 98.4                                | 114.8                               | 114.8                               | 114.8                               | 114.8                               |
| Max. Height Difference in Level             |                              | ft        | 49.2                                                          | 49.2                | 49.2                | 49.2                | 49.2                | 49.2                                | 49.2                                | 49.2                                | 49.2                                | 49.2                                |
| Max. Height Difference Between Indoor Units |                              | ft        | 33                                                            | 33                  | 33                  | 33                  | 33                  | 33                                  | 33                                  | 33                                  | 33                                  | 33                                  |
| Ambient Temperature                         | Cooling                      | °F        | -13~122                                                       | -13~122             | -13~122             | -13~122             | -13~122             | -22~122                             | -22~122                             | -22~122                             | -22~122                             | -22~122                             |
|                                             | Heating                      | °F        | -13~75                                                        | -13~75              | -13~75              | -13~75              | -13~75              | -22~75                              | -22~75                              | -22~75                              | -22~75                              | -22~75                              |
| Certification                               | AHRI                         |           | ✓                                                             | ✓                   | ✓                   | ✓                   | ✓                   | ✓                                   | ✓                                   | ✓                                   | ✓                                   | ✓                                   |
|                                             | Energy Star for Cold Climate |           | ✓                                                             | ✓                   | ✓                   | ✓                   | ✓                   | ✓                                   | ✓                                   | ✓                                   | ✓                                   | ✓                                   |
|                                             | NEEP                         |           | ✓                                                             | ✓                   | ✓                   | ✓                   | ✓                   | ✓                                   | ✓                                   | ✓                                   | ✓                                   | ✓                                   |
|                                             | ETL                          |           | ✓                                                             | ✓                   | ✓                   | ✓                   | ✓                   | ✓                                   | ✓                                   | ✓                                   | ✓                                   | ✓                                   |

Please note: These values represent outdoor units combined with the Astoria Indoor Wall Mounted Mini-Split. Values will vary depending on the combination of indoor units used.

Only units with Refrigerant Sensors work with Shut-off Valves

REGULAR MULTI-ZONE Heat Pump Outdoor Unit

The C&H Multi-Zone systems with inverter technology are some of today's most advanced ductless split heat pumps. Up to 6 indoor units can be connected to a single outdoor unit, reducing the number of outdoor units required. All indoor units can be individually controlled and do not need to be installed at the same time.



HYPER MULTI-ZONE Heat Pump Outdoor Unit

With our modern heat pump technology, the Hyper Heat series offers dependable cooling with the capability to heat in ambient temperatures as low as -22°F, making it an excellent energy-efficient solution for colder climates.



SCAN here to access our Multi-Unit Combination Guide



REGULAR



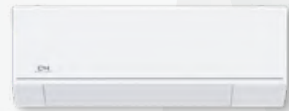
HYPER



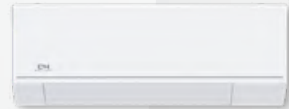
CH-R18MES-230VO

UP TO  
3  
ZONES

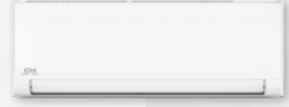
ASTORIA



ASTORIA



OLIVIA



OLIVIA



| Outdoor Model                               |                                                               |           | CH-R18MES-230VO   |      |
|---------------------------------------------|---------------------------------------------------------------|-----------|-------------------|------|
| Power Supply                                | Rated                                                         | V, Ph, Hz | 208/230, 1, 60    |      |
|                                             | Voltage Range                                                 | V         | 187-253           |      |
| Cooling                                     | Rated Capacity (range)                                        | Btu/h     | 5,400~21,600      |      |
|                                             | Rated Current                                                 | A         | 6                 |      |
|                                             | EER2                                                          |           | 14                |      |
|                                             | SEER2                                                         |           | 25.1              |      |
| Heating at 47°F                             | Rated Capacity (range)                                        | Btu/h     | 5,700~21,600      |      |
|                                             | Rated Current                                                 | A         | 6.8               |      |
|                                             | COP                                                           | W/W       | 3.8               |      |
|                                             | HSPF4                                                         |           | 9.8               |      |
|                                             | HSPF5                                                         |           | 7.8               |      |
| Heating at 5°F                              | Rated Capacity                                                | Btu/h     | 13,500            |      |
| Minimum Circuit Ampacity (Outdoor unit)     |                                                               | A         | 16                |      |
| Max. Fuse (Outdoor unit)                    |                                                               | A         | 20                |      |
| Outdoor Air Flow (Max)                      |                                                               | CFM       | 1,765.8           |      |
| Outdoor Noise Level (Sound Pressure)        |                                                               | dB(A)     | 59.5              |      |
| Dimension (W×D×H)                           |                                                               | inch      | 35.04x13.46x26.50 |      |
| Packing (W×D×H)                             |                                                               | inch      | 40.55x17.24x29.53 |      |
| Net/Gross Weight                            |                                                               |           | 100.53/109.35     |      |
| Refrigerant Type/Charged                    |                                                               | oz        | R454B/61.73       |      |
| Refrigerant Precharge                       |                                                               | ft        | 75                |      |
| Additional Charge for Each                  | 0.16 for 1/4 in liquid pipe /<br>*0.32 for 3/8 in liquid pipe |           | oz/ft             | 0.16 |
| Design Pressure                             |                                                               | PSIG      | 550/340           |      |
| Refrigerant Piping                          | Liquid Side                                                   | inch      | 3 x 1/4"          |      |
|                                             | Gas Side                                                      | inch      | 3 x 3/8"          |      |
| Max. Pipe Length                            |                                                               | ft        | 196.8             |      |
| Max. Length for One Indoor Unit             |                                                               | ft        | 98.4              |      |
| Max. Height Difference in Level             |                                                               | ft        | 49.2              |      |
| Max. Height Difference Between Indoor Units |                                                               | ft        | 33                |      |
| Ambient Temperature                         | Cooling                                                       | °F        | -13~122           |      |
|                                             | Heating                                                       | °F        | -13~75            |      |
| Certification                               | AHRI                                                          |           | ✓                 |      |
|                                             | Energy Star for Cold Climate                                  |           | ✓                 |      |
|                                             | NEEP                                                          |           | ✓                 |      |
|                                             | ETL                                                           |           | ✓                 |      |

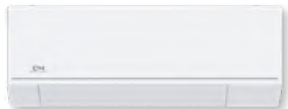
Multi-Zone Combination Charts on Pages 56-59



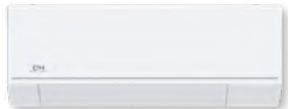
CH-R28MES-230VO

UP TO  
4  
ZONES

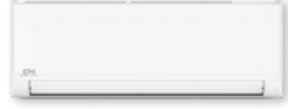
ASTORIA



ASTORIA



OLIVIA



OLIVIA



| Outdoor Model                               |                                                               |           | CH-R28MES-230VO     |      |
|---------------------------------------------|---------------------------------------------------------------|-----------|---------------------|------|
| Power Supply                                | Rated                                                         | V, Ph, Hz | 208/230, 1, 60      |      |
|                                             | Voltage Range                                                 | V         | 187-253             |      |
| Cooling                                     | Rated Capacity (range)                                        | Btu/h     | 7,200~32,000        |      |
|                                             | Rated Current                                                 | A         | 9.2                 |      |
|                                             | EER2                                                          |           | 13                  |      |
|                                             | SEER2                                                         |           | 25                  |      |
|                                             |                                                               |           |                     |      |
| Heating at 47°F                             | Rated Capacity (range)                                        | Btu/h     | 8,400~29,000        |      |
|                                             | Rated Current                                                 | A         | 9.2                 |      |
|                                             | COP                                                           | W/W       | 3.8                 |      |
|                                             | HSPF4                                                         |           | 9.5                 |      |
|                                             | HSPF5                                                         |           | 7                   |      |
| Heating at 5°F                              | Rated Capacity                                                | Btu/h     | 19,000              |      |
| Minimum Circuit Ampacity (Outdoor unit)     |                                                               | A         | 23                  |      |
| Max. Fuse (Outdoor unit)                    |                                                               | A         | 25                  |      |
| Outdoor Air Flow (Max)                      |                                                               | CFM       | 2,130.7             |      |
| Outdoor Noise Level (Sound Pressure)        |                                                               | dB(A)     | 61                  |      |
| Dimension (W×D×H)                           |                                                               | inch      | 37.24x16.14x31.89   |      |
| Packing (W×D×H)                             |                                                               | inch      | 42.91x19.68x34.84   |      |
| Net/Gross Weight                            |                                                               |           | 138.89/149.69       |      |
| Refrigerant Type/Charged                    |                                                               | oz        | R454B/84.66         |      |
| Refrigerant Precharge                       |                                                               | ft        | 100                 |      |
| Additional Charge for Each                  | 0.16 for 1/4 in liquid pipe /<br>*0.32 for 3/8 in liquid pipe |           | oz/ft               | 0.16 |
| Design Pressure                             |                                                               | PSIG      | 550/340             |      |
| Refrigerant Piping                          | Liquid Side                                                   | inch      | 4 x 1/4"            |      |
|                                             | Gas Side                                                      | inch      | 3 x 3/8" + 1 x 1/2" |      |
| Max. Pipe Length                            |                                                               | ft        | 262.4               |      |
| Max. Length for One Indoor Unit             |                                                               | ft        | 114.8               |      |
| Max. Height Difference in Level             |                                                               | ft        | 49.2                |      |
| Max. Height Difference Between Indoor Units |                                                               | ft        | 33                  |      |
| Ambient Temperature                         | Cooling                                                       | °F        | -13~122             |      |
|                                             | Heating                                                       | °F        | -13~75              |      |
| Certification                               | AHRI                                                          |           | ✓                   |      |
|                                             | Energy Star for Cold Climate                                  |           | ✓                   |      |
|                                             | NEEP                                                          |           | ✓                   |      |
|                                             | ETL                                                           |           | ✓                   |      |

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**5**  
ZONES

CH-R36MES-230VO

| Outdoor Model                               |                                                            |           | CH-R36MES-230VO     |
|---------------------------------------------|------------------------------------------------------------|-----------|---------------------|
| Power Supply                                | Rated                                                      | V, Ph, Hz | 208/230, 1, 60      |
|                                             | Voltage Range                                              | V         | 187-253             |
| Cooling                                     | Rated Capacity (range)                                     | Btu/h     | 9,000~42,000        |
|                                             | Rated Current                                              | A         | 13.5                |
|                                             | EER2                                                       |           | 12                  |
|                                             | SEER2                                                      |           | 24                  |
| Heating at 47°F                             | Rated Capacity (range)                                     | Btu/h     | 10,000~42,500       |
|                                             | Rated Current                                              | A         | 14                  |
|                                             | COP                                                        | W/W       | 3.5                 |
|                                             | HSPF4                                                      |           | 9.5                 |
|                                             | HSPF5                                                      |           | 7                   |
| Heating at 5°F                              | Rated Capacity                                             | Btu/h     | 26,000              |
| Minimum Circuit Ampacity (Outdoor unit)     |                                                            | A         | 30.5                |
| Max. Fuse (Outdoor unit)                    |                                                            | A         | 35                  |
| Outdoor Air Flow (Max)                      |                                                            | CFM       | 2,148.4             |
| Outdoor Noise Level (Sound Pressure)        |                                                            | dB(A)     | 64.5                |
| Dimension (W×D×H)                           |                                                            | inch      | 37.24x16.14x31.89   |
| Packing (W×D×H)                             |                                                            | inch      | 42.91x19.68x34.84   |
| Net/Gross Weight                            |                                                            |           | 168.87/180.12       |
| Refrigerant Type/Charged                    |                                                            | oz        | R454B/120.63        |
| Refrigerant Precharge                       |                                                            | ft        | 125                 |
| Additional Charge for Each                  | 0.16 for 1/4 in liquid pipe / *0.32 for 3/8 in liquid pipe | oz/ft     | 0.16                |
| Design Pressure                             |                                                            | PSIG      | 550/340             |
| Refrigerant Piping                          | Liquid Side                                                | inch      | 5 x 1/4"            |
|                                             | Gas Side                                                   | inch      | 4 x 3/8" + 1 x 1/2" |
| Max. Pipe Length                            |                                                            | ft        | 262.4               |
| Max. Length for One Indoor Unit             |                                                            | ft        | 114.8               |
| Max. Height Difference in Level             |                                                            | ft        | 49.2                |
| Max. Height Difference Between Indoor Units |                                                            | ft        | 33                  |
| Ambient Temperature                         | Cooling                                                    | °F        | -13~122             |
|                                             | Heating                                                    | °F        | -13~75              |
| Certification                               | AHRI                                                       |           | ✓                   |
|                                             | Energy Star for Cold Climate                               |           | ✓                   |
|                                             | NEEP                                                       |           | ✓                   |
|                                             | ETL                                                        |           | ✓                   |

Multi-Zone Combination Charts on Pages 56-59



UP TO  
**6**  
ZONES

CH-R48MES-230VO

| Outdoor Model                               |                                                            |           | CH-R48MES-230VO     |      |
|---------------------------------------------|------------------------------------------------------------|-----------|---------------------|------|
| Power Supply                                | Rated                                                      | V, Ph, Hz | 208/230, 1, 60      |      |
|                                             | Voltage Range                                              | V         | 187-253             |      |
| Cooling                                     | Rated Capacity (range)                                     | Btu/h     | 12,000~55,000       |      |
|                                             | Rated Current                                              | A         | 16.6                |      |
|                                             | EER2                                                       |           | 12.5                |      |
|                                             | SEER2                                                      |           | 24                  |      |
| Heating at 47°F                             | Rated Capacity (range)                                     | Btu/h     | 13,000~53,000       |      |
|                                             | Rated Current                                              | A         | 16.3                |      |
|                                             | COP                                                        | W/W       | 3.8                 |      |
|                                             | HSPF4                                                      |           | 10.3                |      |
|                                             | HSPF5                                                      |           | 8                   |      |
| Heating at 5°F                              | Rated Capacity                                             | Btu/h     | 36,000              |      |
| Minimum Circuit Ampacity (Outdoor unit)     |                                                            | A         | 40                  |      |
| Max. Fuse (Outdoor unit)                    |                                                            | A         | 45                  |      |
| Outdoor Air Flow (Max)                      |                                                            | CFM       | 4,502.8             |      |
| Outdoor Noise Level (Sound Pressure)        |                                                            | dB(A)     | 63                  |      |
| Dimension (W×D×H)                           |                                                            | inch      | 37.48x16.34x52.48   |      |
| Packing (W×D×H)                             |                                                            | inch      | 43.11x19.49x58.27   |      |
| Net/Gross Weight                            |                                                            |           | 222.00/254.19       |      |
| Refrigerant Type/Charged                    |                                                            | oz        | R454B/148.15        |      |
| Refrigerant Precharge                       |                                                            | ft        | 150                 |      |
| Additional Charge for Each                  | 0.16 for 1/4 in liquid pipe / *0.32 for 3/8 in liquid pipe |           | oz/ft               | 0.16 |
| Design Pressure                             |                                                            | PSIG      | 550/340             |      |
| Refrigerant Piping                          | Liquid Side                                                | inch      | 6 x 1/4"            |      |
|                                             | Gas Side                                                   | inch      | 4 x 3/8" + 2 x 1/2" |      |
| Max. Pipe Length                            |                                                            | ft        | 262.4               |      |
| Max. Length for One Indoor Unit             |                                                            | ft        | 114.8               |      |
| Max. Height Difference in Level             |                                                            | ft        | 49.2                |      |
| Max. Height Difference Between Indoor Units |                                                            | ft        | 33                  |      |
| Ambient Temperature                         | Cooling                                                    | °F        | -13~122             |      |
|                                             | Heating                                                    | °F        | -13~75              |      |
| Certification                               | AHRI                                                       |           | ✓                   |      |
|                                             | Energy Star for Cold Climate                               |           | ✓                   |      |
|                                             | NEEP                                                       |           | ✓                   |      |
|                                             | ETL                                                        |           | ✓                   |      |

Multi-Zone Combination Charts on Pages 56-59



REGULAR  
COMPRESSORS



CH-R60MES-230VO

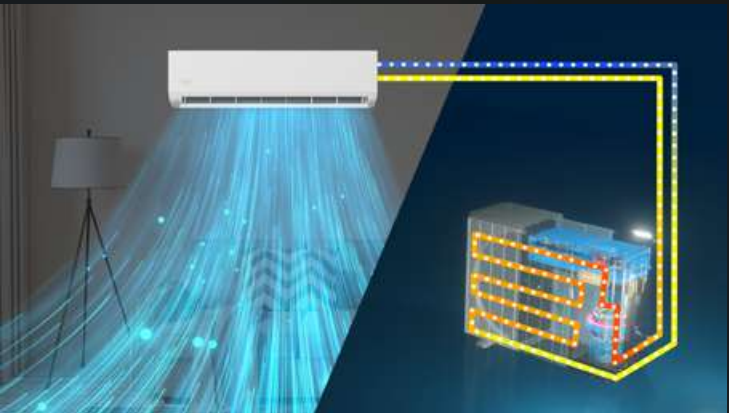
UP TO  
**6**  
ZONES

|                                             |                               |           |                     |
|---------------------------------------------|-------------------------------|-----------|---------------------|
| Outdoor Model                               |                               |           | CH-R60MES-230VO     |
| Power Supply                                | Rated                         | V, Ph, Hz | 208/230, 1, 60      |
|                                             | Voltage Range                 | V         | 187-253             |
| Cooling                                     | Rated Capacity (range)        | Btu/h     | 19,000~62,000       |
|                                             | Rated Current                 | A         | 26.2                |
|                                             | EER2                          |           | 10                  |
|                                             | SEER2                         |           | 22                  |
|                                             |                               |           |                     |
| Heating at 47°F                             | Rated Capacity (range)        | Btu/h     | 20,000~60,000       |
|                                             | Rated Current                 | A         | 21                  |
|                                             | COP                           | W/W       | 3.7                 |
|                                             | HSPF4                         |           | 9.5                 |
|                                             | HSPF5                         |           | 7.4                 |
|                                             |                               |           |                     |
| Heating at 5°F                              | Rated Capacity                | Btu/h     | 39,000              |
| Minimum Circuit Ampacity (Outdoor unit)     |                               | A         | 40                  |
| Max. Fuse (Outdoor unit)                    |                               | A         | 45                  |
| Outdoor Air Flow (Max)                      |                               | CFM       | 4,502.8             |
| Outdoor Noise Level (Sound Pressure)        |                               | dB(A)     | 65                  |
| Dimension (W×D×H)                           |                               | inch      | 37.48x16.34x52.48   |
| Packing (W×D×H)                             |                               | inch      | 43.11x19.49x58.27   |
| Net/Gross Weight                            |                               |           | 237.88/270.28       |
| Refrigerant Type/Charged                    |                               | oz        | R454B/151.68        |
| Refrigerant Precharge                       |                               | ft        | 150                 |
| Additional Charge for Each                  | 0.16 for 1/4 in liquid pipe / | oz/ft     | 0.16                |
|                                             | *0.32 for 3/8 in liquid pipe  |           |                     |
| Design Pressure                             |                               | PSIG      | 550/340             |
| Refrigerant Piping                          | Liquid Side                   | inch      | 6 x 1/4"            |
|                                             | Gas Side                      | inch      | 4 x 3/8" + 2 x 1/2" |
| Max. Pipe Length                            |                               | ft        | 262.4               |
| Max. Length for One Indoor Unit             |                               | ft        | 114.8               |
| Max. Height Difference in Level             |                               | ft        | 49.2                |
| Max. Height Difference Between Indoor Units |                               | ft        | 33                  |
| Ambient Temperature                         | Cooling                       | °F        | -13~122             |
|                                             | Heating                       | °F        | -13~75              |
| Certification                               | AHRI                          |           | ✓                   |
|                                             | Energy Star for Cold Climate  |           | ✓                   |
|                                             | NEEP                          |           | ✓                   |
|                                             | ETL                           |           | ✓                   |
|                                             |                               |           |                     |

Multi-Zone Combination Charts on Pages 56-59

INVERTER TECHNOLOGY  
*Simplified*

Inverter technology is a type of technology used in heat pump outdoor units allowing the compressor to run at variable speeds, rather than just on or off. The heat pump can adjust its output to match the heating or cooling needs of the space it is serving, leading to increased efficiency and energy savings.



Inverter technology uses a device called the variable frequency drive (VFD) to control the frequency of the incoming electrical current that goes to the appliance. The VFD contains a small part called an inverter that converts the AC power supplied by house sockets to DC. While the energy flow is still in DC, it gives an opportunity for the VFD to change the frequency from the standard 60Hz to whatever power is needed by the appliance's motor. In addition, inverter technology uses a process called "flash injection" to allow the heat pump to produce superior heating. The flash injection process uses a bypass circuit to reroute a portion of the refrigerant to two places. Hot refrigerant flows back to the indoor coil to enhance heating. Colder refrigerant is injected back into the compressor to allow it to run at faster speeds to produce high-performance heat exchange. This technology also guarantees quiet and efficient operation for outdoor and indoor units.

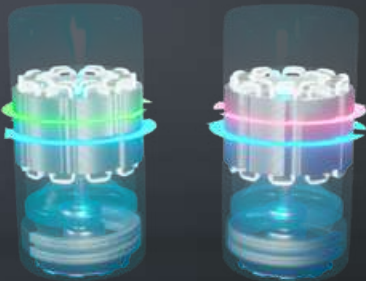
This process of conserving energy by using less power, while still delivering better results is achieved through constant movement, which can save up to **40%** of energy consumption.

The efficiency of inverter technology also extends into the longevity of the unit and low maintenance, all thanks to the unit running under low demand.



Up to  
**40%**  
Energy Savings

Be sure to watch Cooper&Hunter's video explaining the benefits of Inverter Technology by scanning here.







CH-RVHP19M-230VO  
CH-RHP19M-230VO

UP TO  
**3**  
ZONES

| Outdoor Model                               |                              |                                                                        | CH-RVHP19M-230VO<br>CH-RHP19M-230VO |
|---------------------------------------------|------------------------------|------------------------------------------------------------------------|-------------------------------------|
| Power Supply                                | Rated                        | V, Ph, Hz                                                              | 208/230, 1, 60                      |
|                                             | Voltage Range                | V                                                                      | 187-253                             |
| Cooling                                     | Rated Capacity (range)       | Btu/h                                                                  | 5,400~28,000                        |
|                                             | Rated Current                | A                                                                      | 5.6                                 |
|                                             | EER2                         |                                                                        | 15                                  |
|                                             | SEER2                        |                                                                        | 25                                  |
|                                             | Rated Capacity (range)       | Btu/h                                                                  | 5,700~27,000                        |
| Heating at 47°F                             | Rated Current                | A                                                                      | 6.5                                 |
|                                             | COP                          | W/W                                                                    | 4                                   |
|                                             | HSPF4                        |                                                                        | 10.4                                |
|                                             | HSPF5                        |                                                                        | 8.5                                 |
| Heating at 5°F                              | Rated Capacity               | Btu/h                                                                  | 19,000                              |
| Minimum Circuit Ampacity (Outdoor unit)     |                              | A                                                                      | 17.5                                |
| Max. Fuse (Outdoor unit)                    |                              | A                                                                      | 20                                  |
| Outdoor Air Flow (Max)                      |                              | CFM                                                                    | 2,130.7                             |
| Outdoor Noise Level (Sound Pressure)        |                              | dB(A)                                                                  | 61.5                                |
| Dimension (W×D×H)                           |                              | inch                                                                   | 37.24x16.14x31.89                   |
| Packing (W×D×H)                             |                              | inch                                                                   | 42.91x19.68x34.84                   |
| Net/Gross Weight                            |                              |                                                                        | 137.35/148.15                       |
| Refrigerant Type/Charged                    |                              | oz                                                                     | R454B/78.31                         |
| Refrigerant Precharge                       |                              | ft                                                                     | 75                                  |
| Additional Charge for Each                  |                              | 0.16 for 1/4 in liquid pipe /<br>*0.32 for 3/8 in liquid pipe<br>oz/ft | 0.16                                |
| Design Pressure                             |                              | PSIG                                                                   | 550/340                             |
| Refrigerant Piping                          | Liquid Side                  | inch                                                                   | 3 x 1/4"                            |
|                                             | Gas Side                     | inch                                                                   | 3 x 3/8"                            |
| Max. Pipe Length                            |                              | ft                                                                     | 196.8                               |
| Max. Length for One Indoor Unit             |                              | ft                                                                     | 98.4                                |
| Max. Height Difference in Level             |                              | ft                                                                     | 49.2                                |
| Max. Height Difference Between Indoor Units |                              | ft                                                                     | 33                                  |
| Ambient Temperature                         | Cooling                      | °F                                                                     | -22~122                             |
|                                             | Heating                      | °F                                                                     | -22~75                              |
| Certification                               | AHRI                         |                                                                        | ✓                                   |
|                                             | Energy Star for Cold Climate |                                                                        | ✓                                   |
|                                             | NEEP                         |                                                                        | ✓                                   |
|                                             | ETL                          |                                                                        | ✓                                   |

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CH-RVHP28M-230VO  
CH-RHP28M-230VO

UP TO  
**4**  
ZONES

| Outdoor Model                               |                              |                                                                        | CH-RVHP28M-230VO<br>CH-RHP28M-230VO |
|---------------------------------------------|------------------------------|------------------------------------------------------------------------|-------------------------------------|
| Power Supply                                | Rated                        | V, Ph, Hz                                                              | 208/230, 1, 60                      |
|                                             | Voltage Range                | V                                                                      | 187-253                             |
| Cooling                                     | Rated Capacity (range)       | Btu/h                                                                  | 7,200~37,000                        |
|                                             | Rated Current                | A                                                                      | 9.5                                 |
|                                             | EER2                         |                                                                        | 12.5                                |
|                                             | SEER2                        |                                                                        | 23                                  |
|                                             | Rated Capacity (range)       | Btu/h                                                                  | 8,400~36,000                        |
| Heating at 47°F                             | Rated Current                | A                                                                      | 9.1                                 |
|                                             | COP                          | W/W                                                                    | 3.8                                 |
|                                             | HSPF4                        |                                                                        | 10.5                                |
|                                             | HSPF5                        |                                                                        | 8.5                                 |
| Heating at 5°F                              | Rated Capacity               | Btu/h                                                                  | 27,000                              |
| Minimum Circuit Ampacity (Outdoor unit)     |                              | A                                                                      | 30                                  |
| Max. Fuse (Outdoor unit)                    |                              | A                                                                      | 35                                  |
| Outdoor Air Flow (Max)                      |                              | CFM                                                                    | 2,148.4                             |
| Outdoor Noise Level (Sound Pressure)        |                              | dB(A)                                                                  | 61                                  |
| Dimension (W×D×H)                           |                              | inch                                                                   | 37.24x16.14x31.89                   |
| Packing (W×D×H)                             |                              | inch                                                                   | 42.91x19.68x34.84                   |
| Net/Gross Weight                            |                              |                                                                        | 168.43/179.67                       |
| Refrigerant Type/Charged                    |                              | oz                                                                     | R454B/120.63                        |
| Refrigerant Precharge                       |                              | ft                                                                     | 100                                 |
| Additional Charge for Each                  |                              | 0.16 for 1/4 in liquid pipe /<br>*0.32 for 3/8 in liquid pipe<br>oz/ft | 0.16                                |
| Design Pressure                             |                              | PSIG                                                                   | 550/340                             |
| Refrigerant Piping                          | Liquid Side                  | inch                                                                   | 4 x 1/4"                            |
|                                             | Gas Side                     | inch                                                                   | 3 x 3/8" + 1 x 1/2"                 |
| Max. Pipe Length                            |                              | ft                                                                     | 262.4                               |
| Max. Length for One Indoor Unit             |                              | ft                                                                     | 114.8                               |
| Max. Height Difference in Level             |                              | ft                                                                     | 49.2                                |
| Max. Height Difference Between Indoor Units |                              | ft                                                                     | 33                                  |
| Ambient Temperature                         | Cooling                      | °F                                                                     | -22~122                             |
|                                             | Heating                      | °F                                                                     | -22~75                              |
| Certification                               | AHRI                         |                                                                        | ✓                                   |
|                                             | Energy Star for Cold Climate |                                                                        | ✓                                   |
|                                             | NEEP                         |                                                                        | ✓                                   |
|                                             | ETL                          |                                                                        | ✓                                   |

Multi-Zone Combination Charts on Pages 56-59





UP TO  
**5**  
ZONES

CH-RVHP36M-230VO  
CH-RHP36M-230VO

| Outdoor Model                               |                                                               |                              | CH-RVHP36M-230VO<br>CH-RHP36M-230VO |
|---------------------------------------------|---------------------------------------------------------------|------------------------------|-------------------------------------|
| Power Supply                                | Rated                                                         | V, Ph, Hz                    | 208/230, 1, 60                      |
|                                             | Voltage Range                                                 | V                            | 187-253                             |
| Cooling                                     | Rated Capacity (range)                                        | Btu/h                        | 9,000~43,000                        |
|                                             | Rated Current                                                 | A                            | 12                                  |
|                                             | EER2                                                          |                              | 13                                  |
|                                             | SEER2                                                         |                              | 23                                  |
|                                             |                                                               |                              |                                     |
| Heating at 47°F                             | Rated Capacity (range)                                        | Btu/h                        | 10,000~44,000                       |
|                                             | Rated Current                                                 | A                            | 11.5                                |
|                                             | COP                                                           | W/W                          | 4                                   |
|                                             | HSPF4                                                         |                              | 10.7                                |
|                                             | HSPF5                                                         |                              | 8.5                                 |
|                                             |                                                               |                              |                                     |
| Heating at 5°F                              | Rated Capacity                                                | Btu/h                        | 36,000                              |
| Minimum Circuit Ampacity (Outdoor unit)     |                                                               | A                            | 37                                  |
| Max. Fuse (Outdoor unit)                    |                                                               | A                            | 40                                  |
| Outdoor Air Flow (Max)                      |                                                               | CFM                          | 3,037.2                             |
| Outdoor Noise Level (Sound Pressure)        |                                                               | dB(A)                        | 65                                  |
| Dimension (W×D×H)                           |                                                               | inch                         | 38.58x16.34x38.39                   |
| Packing (W×D×H)                             |                                                               | inch                         | 45.08x19.68x42.52                   |
| Net/Gross Weight                            |                                                               |                              | 211.86/244.71                       |
| Refrigerant Type/Charged                    |                                                               | oz                           | R454B/134.04                        |
| Refrigerant Precharge                       |                                                               | ft                           | 125                                 |
| Additional Charge for Each                  | 0.16 for 1/4 in liquid pipe /<br>*0.32 for 3/8 in liquid pipe | oz/ft                        | 0.16                                |
|                                             |                                                               |                              |                                     |
| Design Pressure                             |                                                               | PSIG                         | 550/340                             |
| Refrigerant Piping                          | Liquid Side                                                   | inch                         | 5 x 1/4"                            |
|                                             | Gas Side                                                      | inch                         | 3 x 3/8" + 2 x 1/2"                 |
| Max. Pipe Length                            |                                                               | ft                           | 262.4                               |
| Max. Length for One Indoor Unit             |                                                               | ft                           | 114.8                               |
| Max. Height Difference in Level             |                                                               | ft                           | 49.2                                |
| Max. Height Difference Between Indoor Units |                                                               | ft                           | 33                                  |
| Ambient Temperature                         | Cooling                                                       | °F                           | -22~122                             |
|                                             | Heating                                                       | °F                           | -22~75                              |
| Certification                               |                                                               | AHRI                         | ✓                                   |
|                                             |                                                               | Energy Star for Cold Climate | ✓                                   |
|                                             |                                                               | NEEP                         | ✓                                   |
|                                             |                                                               | ETL                          | ✓                                   |
|                                             |                                                               |                              |                                     |

Multi-Zone Combination Charts on Pages 56-59



UP TO  
**6**  
ZONES

CH-RVHP48M-230VO  
CH-RHP48M-230VO

| Outdoor Model                               |                                                               |                              | CH-RVHP48M-230VO<br>CH-RHP48M-230VO |
|---------------------------------------------|---------------------------------------------------------------|------------------------------|-------------------------------------|
| Power Supply                                | Rated                                                         | V, Ph, Hz                    | 208/230, 1, 60                      |
|                                             | Voltage Range                                                 | V                            | 187-253                             |
| Cooling                                     | Rated Capacity (range)                                        | Btu/h                        | 12,000~57,000                       |
|                                             | Rated Current                                                 | A                            | 17.3                                |
|                                             | EER2                                                          |                              | 12                                  |
|                                             | SEER2                                                         |                              | 23                                  |
|                                             |                                                               |                              |                                     |
| Heating at 47°F                             | Rated Capacity (range)                                        | Btu/h                        | 13,000~57,000                       |
|                                             | Rated Current                                                 | A                            | 17.3                                |
|                                             | COP                                                           | W/W                          | 3.7                                 |
|                                             | HSPF4                                                         |                              | 11                                  |
|                                             | HSPF5                                                         |                              | 9                                   |
|                                             |                                                               |                              |                                     |
| Heating at 5°F                              | Rated Capacity                                                | Btu/h                        | 47,000                              |
| Minimum Circuit Ampacity (Outdoor unit)     |                                                               | A                            | 37                                  |
| Max. Fuse (Outdoor unit)                    |                                                               | A                            | 40                                  |
| Outdoor Air Flow (Max)                      |                                                               | CFM                          | 4,502.8                             |
| Outdoor Noise Level (Sound Pressure)        |                                                               | dB(A)                        | 65                                  |
| Dimension (W×D×H)                           |                                                               | inch                         | 37.48x16.34x52.48                   |
| Packing (W×D×H)                             |                                                               | inch                         | 43.11x19.49x58.27                   |
| Net/Gross Weight                            |                                                               |                              | 246.47/276.68                       |
| Refrigerant Type/Charged                    |                                                               | oz                           | R454B/151.68                        |
| Refrigerant Precharge                       |                                                               | ft                           | 150                                 |
| Additional Charge for Each                  | 0.16 for 1/4 in liquid pipe /<br>*0.32 for 3/8 in liquid pipe | oz/ft                        | 0.16                                |
|                                             |                                                               |                              |                                     |
| Design Pressure                             |                                                               | PSIG                         | 550/340                             |
| Refrigerant Piping                          | Liquid Side                                                   | inch                         | 6 x 1/4"                            |
|                                             | Gas Side                                                      | inch                         | 4 x 3/8" + 2 x 1/2"                 |
| Max. Pipe Length                            |                                                               | ft                           | 262.4                               |
| Max. Length for One Indoor Unit             |                                                               | ft                           | 114.8                               |
| Max. Height Difference in Level             |                                                               | ft                           | 49.2                                |
| Max. Height Difference Between Indoor Units |                                                               | ft                           | 33                                  |
| Ambient Temperature                         | Cooling                                                       | °F                           | -22~122                             |
|                                             | Heating                                                       | °F                           | -22~75                              |
| Certification                               |                                                               | AHRI                         | ✓                                   |
|                                             |                                                               | Energy Star for Cold Climate | ✓                                   |
|                                             |                                                               | NEEP                         | ✓                                   |
|                                             |                                                               | ETL                          | ✓                                   |
|                                             |                                                               |                              |                                     |

Multi-Zone Combination Charts on Pages 56-59





CH-RVP55M-230VO  
CH-RHP55M-230VO

UP TO  
6  
ZONES

|                                             |                               |           |                                     |
|---------------------------------------------|-------------------------------|-----------|-------------------------------------|
| Outdoor Model                               |                               |           | CH-RVHP55M-230VO<br>CH-RHP55M-230VO |
| Power Supply                                | Rated                         | V, Ph, Hz | 208/230, 1, 60                      |
|                                             | Voltage Range                 | V         | 187-253                             |
| Cooling                                     | Rated Capacity (range)        | Btu/h     | 19,000~59,000                       |
|                                             | Rated Current                 | A         | 18.5                                |
|                                             | EER2                          |           | 12                                  |
|                                             | SEER2                         |           | 22.2                                |
|                                             | SEER2                         |           | 22.2                                |
| Heating at 47°F                             | Rated Capacity (range)        | Btu/h     | 20,000~59,000                       |
|                                             | Rated Current                 | A         | 20.1                                |
|                                             | COP                           | W/W       | 3.5                                 |
|                                             | HSPF4                         |           | 10.5                                |
|                                             | HSPF5                         |           | 8.5                                 |
| Heating at 5°F                              | Rated Capacity                | Btu/h     | 47,000                              |
| Minimum Circuit Ampacity (Outdoor unit)     |                               | A         | 39.5                                |
| Max. Fuse (Outdoor unit)                    |                               | A         | 40                                  |
| Outdoor Air Flow (Max)                      |                               | CFM       | 4,502.8                             |
| Outdoor Noise Level (Sound Pressure)        |                               | dB(A)     | 65                                  |
| Dimension (W×D×H)                           |                               | inch      | 37.48x16.34x52.48                   |
| Packing (W×D×H)                             |                               | inch      | 43.11x19.49x58.27                   |
| Net/Gross Weight                            |                               |           | 246.47/276.68                       |
| Refrigerant Type/Charged                    |                               | oz        | R454B/151.68                        |
| Refrigerant Precharge                       |                               | ft        | 150                                 |
| Additional Charge for Each                  | 0.16 for 1/4 in liquid pipe / | oz/ft     | 0.16                                |
|                                             | *0.32 for 3/8 in liquid pipe  |           |                                     |
| Design Pressure                             |                               | PSIG      | 550/340                             |
| Refrigerant Piping                          | Liquid Side                   | inch      | 6 x 1/4"                            |
|                                             | Gas Side                      | inch      | 4 x 3/8" + 2 x 1/2"                 |
| Max. Pipe Length                            |                               | ft        | 262.4                               |
| Max. Length for One Indoor Unit             |                               | ft        | 114.8                               |
| Max. Height Difference in Level             |                               | ft        | 49.2                                |
| Max. Height Difference Between Indoor Units |                               | ft        | 33                                  |
| Ambient Temperature                         | Cooling                       | °F        | -22~122                             |
|                                             | Heating                       | °F        | -22~75                              |
| Certification                               | AHRI                          |           | ✓                                   |
|                                             | Energy Star for Cold Climate  |           | ✓                                   |
|                                             | NEEP                          |           | ✓                                   |
|                                             | ETL                           |           | ✓                                   |

Multi-Zone Combination Charts on Pages 56-59





COMBINATION CHART | REGULAR

MULTI-ZONE COMBINATION GUIDE



| Btu/h       | Astoria<br>Astoria Pro                      | Olivia             | Olivia Midnight     | Ceiling Cassette<br>Ceiling Cassette Pro | One-Way Cassette | Slim Duct        | New Console                            | Floor Ceiling | Multi-Position<br>Air Handler |
|-------------|---------------------------------------------|--------------------|---------------------|------------------------------------------|------------------|------------------|----------------------------------------|---------------|-------------------------------|
|             |                                             |                    |                     |                                          |                  |                  |                                        |               |                               |
|             |                                             |                    |                     |                                          |                  |                  | <i>*This unit considered 18K Btu/h</i> |               |                               |
| 6K          | CH-RH06MASTWM-230VI<br>CH-PRO06MASTWM-230VI |                    |                     |                                          |                  |                  |                                        |               |                               |
| 9K          | CH-RH09MASTWM-230VI<br>CH-PRO09MASTWM-230VI | CH-R09MOLVWM-230VI | CH-RB09MOLVWM-230VI | CH-RH09MCT<br>CH-RSH09-12MCT             | CH-RSH06-12MCT1W | CH-RS06-12MDT-MS | CH-RSH09MMC                            |               |                               |
| 12K/<br>15K | CH-RH12MASTWM-230VI<br>CH-PRO12MASTWM-230VI | CH-R12MOLVWM-230VI | CH-RB12MOLVWM-230VI | CH-RH12MCT<br>CH-RSH09-12MCT             |                  |                  | CH-RSH12MMC                            |               |                               |
| 18K         | CH-RH18MASTWM-230VI<br>CH-PRO18MASTWM-230VI | CH-R18MOLVWM-230VI | CH-RB18MOLVWM-230VI | CH-RH18MCT<br>CH-RSH18MCT                | CH-RSH18MCT1W    | CH-RS18MDT-MS    | CH-RSH16MMC*                           | CH-RSH18MFC   | CH-RS18MAHU                   |
| 24K         | CH-RH24MASTWM-230VI<br>CH-PRO24MASTWM-230VI | CH-R24MOLVWM-230VI | CH-RB24MOLVWM-230VI | CH-RH24MCT<br>CH-RSH24MCT                |                  | CH-RS24MDT-HS    |                                        | CH-RSH24MFC   | CH-RS24MAHU                   |
| 30K         | CH-RH30ASTWM-230VI<br>CH-PRO30MASTWM-230VI  | CH-R30MELVWM-230VI |                     |                                          |                  |                  |                                        |               | CH-RS30MAHU                   |
| 36K         | CH-RH36ASTWM-230VI<br>CH-PRO36HASTWM-230VI  | CH-R36MELVWM-230VI |                     |                                          |                  |                  |                                        |               |                               |

*\*ASTORIA/ASTORIA PRO also available in 15K*  
*CH-RH15MASTWM-230VI / CH-PRO15MASTWM-230VI*

• Minimum of two zones must be connected • Minimum line length required per zone is 10 ft. • Port adapters are included with outdoor units, branch boxes not required

|                 |            |                             |                | Cooling at 95° F      |                    |                       |       |      | Heating at 47° F      |                    |                       |     |       |       |             |           |             | Refrigerant   |                           | Refrigerant Piping              |                                                  |                                            |         |         |  |  | Ambient Temperature |  |
|-----------------|------------|-----------------------------|----------------|-----------------------|--------------------|-----------------------|-------|------|-----------------------|--------------------|-----------------------|-----|-------|-------|-------------|-----------|-------------|---------------|---------------------------|---------------------------------|--------------------------------------------------|--------------------------------------------|---------|---------|--|--|---------------------|--|
| Model Name      |            | Min. Circuit Ampacity (MCA) | Max. Fuse Size | Capacity (range)      | Input (range)      | Rated current (range) | SEER2 | EER2 | Capacity (range)      | Input (range)      | Rated current (range) | COP | HSPF4 | HSPF5 | Noise Level | Precharge | Liquid side | Gas side      | Max. length for all rooms | Max. length for one indoor unit | Max. height elevation between indoor and outdoor | Max. height elevation between indoor units | Cooling | Heating |  |  |                     |  |
|                 |            | A                           | A              | Btu/h                 | W                  | A                     |       |      | Btu/h                 | W                  | A                     |     |       |       | db          | ft        | inch        | inch          | ft                        | ft                              | ft                                               | ft                                         | °F      | °F      |  |  |                     |  |
| CH-R18MES-230VO | Ducted     | 16                          | 20             | 18,000(5,400-24,000)  | 1,500(400-2,100)   | 8(3.5-9.5)            | 20    | 12   | 19,000(5,700-22,000)  | 1,465(350-1,600)   | 8(3-7)                | 3.8 | 10    | 7.8   | 59          | 75        | 3x1/4"      | 3x3/8"        | 196.8                     | 98.4                            | 49.2                                             | 33                                         | -13-122 | -13-75  |  |  |                     |  |
| CH-R18MES-230VO | Non-ducted | 16                          | 20             | 18,000(5,400-21,600)  | 1,285(400-1,900)   | 6(3.5-9)              | 25.1  | 14   | 19,000(5,700-21,600)  | 1,465(350-1,630)   | 6.8(3-7)              | 3.8 | 9.8   | 7.8   | 59.5        | 75        | 3x1/4"      | 3x3/8"        | 196.8                     | 98.4                            | 49.2                                             | 33                                         | -13-122 | -13-75  |  |  |                     |  |
| CH-R28MES-230VO | Ducted     | 23                          | 25             | 26,600(7,200-32,000)  | 2,215(500-2,960)   | 11.5(4-13)            | 21    | 12   | 26,600(8,400-28,800)  | 2,165(500-2,300)   | 11(4-11.5)            | 3.6 | 9     | 7     | 61          | 100       | 4x1/4"      | 3x3/8"+1x1/2" | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -13-122 | -13-75  |  |  |                     |  |
| CH-R28MES-230VO | Non-ducted | 23                          | 25             | 27,000(7,200-32,000)  | 2,076(500-2,730)   | 9.2(4-12)             | 25    | 13   | 27,000(8,400-29,000)  | 2,080(500-2,400)   | 9.2(4-11)             | 3.8 | 9.5   | 7     | 61          | 100       | 4x1/4"      | 3x3/8"+1x1/2" | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -13-122 | -13-75  |  |  |                     |  |
| CH-R36MES-230VO | Ducted     | 30.5                        | 35             | 35,000(9,000-40,000)  | 2,990(600-4,500)   | 13.5(5-19)            | 20    | 11.7 | 37,000(10,000-40,500) | 3,389(600-3,600)   | 15.5(5-16)            | 3.2 | 9.2   | 7     | 62.5        | 125       | 5x1/4"      | 4x3/8"+1x1/2" | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -13-122 | -13-75  |  |  |                     |  |
| CH-R36MES-230VO | Non-ducted | 30.5                        | 35             | 36,000(9,000-42,000)  | 3,000(600-4,100)   | 13.5(5-18.5)          | 24    | 12   | 37,000(10,000-42,500) | 3,098(600-3,900)   | 14(5-17.5)            | 3.5 | 9.5   | 7     | 64.5        | 125       | 5x1/4"      | 4x3/8"+1x1/2" | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -13-122 | -13-75  |  |  |                     |  |
| CH-R48MES-230VO | Ducted     | 34                          | 40             | 45,000(12,000-52,000) | 3,740(800-6,000)   | 16.8(7-27)            | 20.4  | 12   | 47,000(13,000-53,000) | 3,532(800-5,200)   | 15.7(7-23)            | 3.9 | 10.6  | 8.1   | 63          | 150       | 6x1/4"      | 4x3/8"+2x1/2" | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -13-122 | -13-75  |  |  |                     |  |
| CH-R48MES-230VO | Non-ducted | 34                          | 40             | 47,000(12,000-55,000) | 3,764(800-5,800)   | 16.6(7-26)            | 24    | 12.5 | 48,000(13,000-53,000) | 3,702(800-5,200)   | 16.3(7-23)            | 3.8 | 10.3  | 8     | 63          | 150       | 6x1/4"      | 4x3/8"+2x1/2" | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -13-122 | -13-75  |  |  |                     |  |
| CH-R60MES-230VO | Ducted     | 36                          | 40             | 60,000(19,000-61,000) | 6,000(1,200-6,360) | 27(10-28)             | 18    | 10   | 60,000(20,000-61,000) | 4,753(1,200-5,200) | 21.3(10-23)           | 3.7 | 9.2   | 7.1   | 64          | 150       | 6x1/4"      | 4x3/8"+2x1/2" | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -13-122 | -13-75  |  |  |                     |  |
| CH-R60MES-230VO | Non-ducted | 36                          | 40             | 60,000(19,000-62,000) | 6,000(1,200-6,000) | 26.2(9-26.2)          | 22    | 10   | 60,000(20,000-60,000) | 4,753(1,200-5,200) | 21(9-23)              | 3.7 | 9.5   | 7.4   | 65          | 150       | 6x1/4"      | 4x3/8"+2x1/2" | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -13-122 | -13-75  |  |  |                     |  |

UP TO 3 ZONES



CH-R18MES-230VO

| 2 ZONES |
|---------|
| 6K 6K   |
| 6K 9K   |
| 6K 12K  |
| 6K 18K  |
| 9K 9K   |
| 9K 12K  |
| 12K 12K |

UP TO 4 ZONES



CH-R28MES-230VO

| 2 ZONES |
|---------|
| 6K 6K   |
| 6K 9K   |
| 6K 12K  |
| 6K 18K  |
| 6K 24K  |
| 9K 9K   |
| 9K 12K  |
| 9K 18K  |
| 9K 24K  |
| 12K 12K |
| 12K 18K |
| 12K 24K |
| 18K 18K |

| 3 ZONES     |
|-------------|
| 6K 6K 6K    |
| 6K 6K 12K   |
| 6K 6K 18K   |
| 6K 6K 24K   |
| 6K 9K 9K    |
| 6K 9K 12K   |
| 6K 9K 18K   |
| 6K 12K 12K  |
| 6K 12K 18K  |
| 9K 9K 9K    |
| 9K 9K 12K   |
| 9K 9K 18K   |
| 9K 12K 12K  |
| 12K 12K 12K |

| 4 ZONES      |
|--------------|
| 6K 6K 6K 6K  |
| 6K 6K 6K 9K  |
| 6K 6K 6K 12K |
| 6K 6K 9K 9K  |
| 6K 6K 9K 12K |
| 6K 9K 9K 9K  |
| 6K 9K 9K 12K |
| 9K 9K 9K 9K  |

*\*Note: Units marked in RED can be either a Multi-position Air Handler or other Indoor unit type.*  
*\*ASTORIA/ASTORIA PRO 12K may be substituted with 15K*

UP TO 5 ZONES



CH-R36MES-230VO

| 2 ZONES |
|---------|
| 6K 18K  |
| 6K 24K  |
| 9K 9K   |
| 9K 12K  |
| 9K 18K  |
| 9K 24K  |
| 12K 12K |
| 12K 18K |
| 12K 24K |
| 18K 18K |

| 3 ZONES    |
|------------|
| 6K 6K 6K   |
| 6K 6K 9K   |
| 6K 6K 12K  |
| 6K 6K 18K  |
| 6K 6K 24K  |
| 6K 9K 9K   |
| 6K 9K 12K  |
| 6K 9K 18K  |
| 6K 9K 24K  |
| 6K 12K 12K |
| 6K 12K 18K |
| 6K 12K 24K |
| 6K 18K 18K |

| 4 ZONES        |
|----------------|
| 6K 6K 6K 6K    |
| 6K 6K 6K 9K    |
| 6K 6K 6K 12K   |
| 6K 6K 6K 18K   |
| 6K 6K 6K 24K   |
| 6K 6K 9K 9K    |
| 6K 6K 9K 12K   |
| 6K 6K 9K 18K   |
| 6K 6K 9K 24K   |
| 6K 6K 12K 12K  |
| 6K 6K 12K 18K  |
| 6K 6K 12K 24K  |
| 6K 6K 18K 18K  |
| 6K 9K 9K 9K    |
| 6K 9K 9K 12K   |
| 6K 9K 9K 18K   |
| 6K 9K 9K 24K   |
| 6K 12K 12K 12K |
| 6K 12K 12K 18K |
| 6K 12K 12K 24K |

| 5 ZONES         |
|-----------------|
| 6K 6K 6K 6K 6K  |
| 6K 6K 6K 6K 9K  |
| 6K 6K 6K 6K 12K |
| 6K 6K 6K 6K 18K |
| 6K 6K 6K 9K 9K  |
| 6K 6K 6K 9K 12K |
| 6K 6K 6K 9K 18K |
| 6K 6K 6K 9K 24K |
| 6K 6K 9K 9K 9K  |
| 6K 6K 9K 9K 12K |
| 6K 6K 9K 9K 18K |
| 6K 6K 9K 9K 24K |
| 6K 9K 9K 9K 9K  |
| 6K 9K 9K 9K 12K |
| 6K 9K 9K 9K 18K |
| 6K 9K 9K 9K 24K |
| 9K 9K 9K 9K 9K  |
| 9K 9K 9K 9K 12K |
| 9K 9K 9K 9K 18K |
| 9K 9K 9K 9K 24K |

*\*Note: Units marked in RED can be either a Multi-position Air Handler or other Indoor unit type.*  
*\*ASTORIA/ASTORIA PRO 12K may be substituted with 15K*

UP TO 6 ZONES



CH-R48MES-230VO

| 2 ZONES |
|---------|
| 6K 18K  |
| 6K 24K  |
| 6K 30K  |
| 6K 36K  |
| 9K 18K  |
| 9K 24K  |
| 9K 30K  |
| 9K 36K  |
| 12K 12K |
| 12K 18K |
| 12K 24K |
| 12K 30K |
| 12K 36K |
| 18K 18K |
| 18K 24K |
| 18K 30K |
| 18K 36K |
| 24K 24K |
| 24K 30K |
| 24K 36K |

| 3 ZONES    |
|------------|
| 6K 6K 18K  |
| 6K 6K 24K  |
| 6K 6K 30K  |
| 6K 6K 36K  |
| 6K 9K 12K  |
| 6K 9K 18K  |
| 6K 9K 24K  |
| 6K 9K 30K  |
| 6K 9K 36K  |
| 6K 9K 36K  |
| 6K 12K 18K |
| 6K 12K 24K |
| 6K 12K 30K |
| 6K 12K 36K |
| 6K 18K 18K |
| 6K 18K 24K |
| 6K 18K 30K |
| 6K 18K 36K |
| 9K 9K 9K   |
| 9K 9K 12K  |
| 9K 9K 18K  |

| 3 ZONES     |
|-------------|
| 9K 9K 24K   |
| 9K 9K 30K   |
| 9K 9K 36K   |
| 9K 12K 18K  |
| 9K 12K 24K  |
| 9K 12K 30K  |
| 9K 12K 36K  |
| 9K 18K 18K  |
| 9K 18K 24K  |
| 9K 18K 30K  |
| 9K 18K 36K  |
| 12K 12K 12K |
| 12K 12K 18K |
| 12K 12K 24K |
| 12K 12K 30K |
| 18K 18K 18K |

| 4 ZONES         |
|-----------------|
| 6K 6K 6K 6K     |
| 6K 6K 6K 9K     |
| 6K 6K 6K 18K    |
| 6K 6K 6K 24K    |
| 6K 6K 9K 9K     |
| 6K 6K 9K 12K    |
| 6K 6K 9K 18K    |
| 6K 6K 9K 24K    |
| 6K 6K 12K 12K   |
| 6K 6K 12K 18K   |
| 6K 6K 12K 24K   |
| 6K 6K 18K 18K   |
| 6K 6K 18K 24K   |
| 6K 6K 18K 30K   |
| 6K 6K 18K 36K   |
| 6K 9K 9K 9K     |
| 6K 9K 9K 12K    |
| 6K 9K 9K 18K    |
| 6K 9K 9K 24K    |
| 6K 9K 12K 12K   |
| 6K 9K 12K 18K   |
| 6K 9K 12K 24K   |
| 6K 9K 18K 18K   |
| 6K 9K 18K 24K   |
| 6K 9K 18K 30K   |
| 6K 9K 18K 36K   |
| 9K 9K 9K 9K     |
| 9K 9K 9K 12K    |
| 9K 9K 9K 18K    |
| 9K 9K 9K 24K    |
| 9K 9K 12K 12K   |
| 9K 9K 12K 18K   |
| 9K 9K 12K 24K   |
| 9K 9K 18K 18K   |
| 9K 9K 18K 24K   |
| 9K 9K 18K 30K   |
| 9K 9K 18K 36K   |
| 12K 12K 12K 12K |
| 12K 12K 12K 18K |
| 12K 12K 12K 24K |
| 12K 12K 18K 18K |

| 4 ZONES         |
|-----------------|
| 6K 12K 12K 12K  |
| 6K 12K 12K 18K  |
| 6K 12K 12K 24K  |
| 6K 12K 18K 18K  |
| 6K 12K 18K 24K  |
| 6K 12K 18K 30K  |
| 6K 12K 18K 36K  |
| 6K 18K 18K 18K  |
| 6K 18K 18K 24K  |
| 6K 18K 18K 30K  |
| 6K 18K 18K 36K  |
| 9K 9K 9K 9K     |
| 9K 9K 9K 12K    |
| 9K 9K 9K 18K    |
| 9K 9K 9K 24K    |
| 9K 9K 12K 12K   |
| 9K 9K 12K 18K   |
| 9K 9K 12K 24K   |
| 9K 9K 18K 18K   |
| 9K 9K 18K 24K   |
| 9K 9K 18K 30K   |
| 9K 9K 18K 36K   |
| 12K 12K 12K 12K |
| 12K 12K 12K 18K |
| 12K 12K 12K 24K |
| 12K 12K 18K 18K |

| 5 ZONES             |
|---------------------|
| 6K 6K 6K 6K 6K      |
| 6K 6K 6K 6K 9K      |
| 6K 6K 6K 6K 12K     |
| 6K 6K 6K 6K 18K     |
| 6K 6K 6K 6K 24K     |
| 6K 6K 6K 9K 9K      |
| 6K 6K 6K 9K 12K     |
| 6K 6K 6K 9K 18K     |
| 6K 6K 6K 9K 24K     |
| 6K 6K 6K 12K 12K    |
| 6K 6K 6K 12K 18K    |
| 6K 6K 6K 12K 24K    |
| 6K 6K 6K 18K 18K    |
| 6K 6K 6K 18K 24K    |
| 6K 6K 6K 18K 30K    |
| 6K 6K 6K 18K 36K    |
| 6K 6K 9K 9K 9K      |
| 6K 6K 9K 9K 12K     |
| 6K 6K 9K 9K 18K     |
| 6K 6K 9K 9K 24K     |
| 6K 6K 9K 12K 12K    |
| 6K 6K 9K 12K 18K    |
| 6K 6K 9K 12K 24K    |
| 6K 6K 9K 18K 18K    |
| 6K 6K 9K 18K 24K    |
| 6K 6K 9K 18K 30K    |
| 6K 6K 9K 18K 36K    |
| 6K 9K 9K 9K 9K      |
| 6K 9K 9K 9K 12K     |
| 6K 9K 9K 9K 18K     |
| 6K 9K 9K 9K 24K     |
| 6K 9K 9K 12K 12K    |
| 6K 9K 9K 12K 18K    |
| 6K 9K 9K 12K 24K    |
| 6K 9K 9K 18K 18K    |
| 6K 9K 9K 18K 24K    |
| 6K 9K 9K 18K 30K    |
| 6K 9K 9K 18K 36K    |
| 9K 9K 9K 9K 9K      |
| 9K 9K 9K 9K 12K     |
| 9K 9K 9K 9K 18K     |
| 9K 9K 9K 9K 24K     |
| 9K 9K 12K 12K 12K   |
| 9K 9K 12K 12K 18K   |
| 9K 9K 12K 12K 24K   |
| 9K 9K 12K 18K 18K   |
| 9K 9K 12K 18K 24K   |
| 9K 9K 12K 18K 30K   |
| 9K 9K 12K 18K 36K   |
| 12K 12K 12K 12K 12K |
| 12K 12K 12K 12K 18K |
| 12K 12K 12K 12K 24K |
| 12K 12K 12K 18K 18K |

| 5 ZONES |     |     |     |    |
|---------|-----|-----|-----|----|
| 9K      | 9K  | 9K  | 9K  | 9K |
| 9K      | 9K  | 9K  | 12K | 9K |
| 9K      | 9K  | 18K | 9K  | 9K |
| 9K      | 9K  | 24K | 9K  | 9K |
| 9K      | 12K | 12K | 12K | 9K |
| 9K      | 12K | 18K | 9K  | 9K |
| 9K      | 18K | 18K | 9K  | 9K |
| 12K     | 12K | 12K | 12K | 9K |
| 12K     | 12K | 18K | 9K  | 9K |
| 12K     | 18K | 18K | 9K  | 9K |
| 12K     | 12K | 12K | 12K | 9K |
| 12K     | 12K | 18K | 9K  | 9K |
| 9K      | 9K  | 9K  | 9K  | 9K |
| 9K      | 9K  | 9K  | 12K | 9K |
| 9K      | 9K  | 18K | 9K  | 9K |
| 9K      | 9K  | 18K | 12K | 9K |
| 9K      | 12K | 12K | 18K | 9K |
| 9K      | 12K | 24K | 9K  | 9K |
| 9K      | 18K | 18K | 9K  | 9K |
| 12K     | 12K | 12K | 12K | 9K |
| 12K     | 12K | 12K | 12K | 9K |
| 12K     | 12K | 18K | 9K  | 9K |
| 12K     | 12K | 12K | 12K | 9K |



# COMBINATION CHART |

## MULTI-ZONE COMBINATION GUIDE



| Btu/h       | Astoria<br>Astoria Pro                        | Olivia              | Olivia Midnight     | Ceiling Cassette<br>Ceiling Cassette Pro | One-Way Cassette | Slim Duct        | New Console                                        | Floor Ceiling | Multi-Position<br>Air Handler |
|-------------|-----------------------------------------------|---------------------|---------------------|------------------------------------------|------------------|------------------|----------------------------------------------------|---------------|-------------------------------|
|             |                                               |                     |                     |                                          |                  |                  | <br><small>*This unit considered 18K Btu/h</small> |               |                               |
| 6K          | CH-RH06MASTWM-230VI<br>CH-PRO06MASTWM-230VI   | CH-R06MOLVWM-230VII | CH-RB06MOLVWM-230VI |                                          |                  |                  |                                                    |               |                               |
| 9K          | CH-RH09MASTWM-230VI<br>CH-PRO09MASTWM-230VI   | CH-R09MOLVWM-230VI  | CH-RB09MOLVWM-230VI | CH-RH09MCT<br>CH-RSH09-12MCT             | CH-RSH06-12MCT1W | CH-RS06-12MDT-MS | CH-RSH09MMC                                        |               |                               |
| 12K         | CH-RH12MASTWM-230VI<br>CH-PRO12MASTWM-230VI   | CH-R12MOLVWM-230VI  | CH-RB12MOLVWM-230VI | CH-RH12MCT<br>CH-RSH09-12MCT             |                  |                  | CH-RSH12MMC                                        |               |                               |
| 18K/<br>15K | * CH-RH18MASTWM-230VI<br>CH-PRO18MASTWM-230VI | CH-R18MOLVWM-230VI  | CH-RB18MOLVWM-230VI | CH-RH18MCT<br>CH-RSH18MCT                | CH-RSH18MCT1W    | CH-RS18MDT-MS    | CH-RSH16MMC*                                       | CH-RSH18MFC   | CH-RS18MAHU                   |
| 24K         | CH-RH24MASTWM-230VI<br>CH-PRO24MASTWM-230VI   | CH-R24MOLVWM-230VI  | CH-RB24MOLVWM-230VI | CH-RH24MCT<br>CH-RSH24MCT                |                  | CH-RS24MDT-HS    |                                                    | CH-RSH24MFC   | CH-RS24MAHU                   |
| 30K         | CH-RH30MASTWM-230VI<br>CH-PRO30MASTWM-230VI   | CH-R30MELVWM-230VI  |                     |                                          |                  |                  |                                                    |               | CH-RS30MAHU                   |
| 36K         | CH-RH36MASTWM-230VI<br>CH-PRO36MASTWM-230VI   | CH-R36MELVWM-230VI  |                     |                                          |                  |                  |                                                    |               |                               |

*\*ASTORIA/ASTORIA PRO also available in 15K*  
*CH-RH15MASTWM-230VI / CH-PRO15MASTWM-230VI*

• Minimum of two zones must be connected • Minimum line length required per zone is 10 ft. • Port adapters are included with outdoor units, branch boxes not required

|                  |            |                             |                | Cooling at 95° F      |                    |                       |       |      |                       | Heating at 47° F   |                       |     |       |       |             | Refrigerant |             | Refrigerant Piping |                           |                                 |                                                  |                                            |         | Ambient Temperature |  |
|------------------|------------|-----------------------------|----------------|-----------------------|--------------------|-----------------------|-------|------|-----------------------|--------------------|-----------------------|-----|-------|-------|-------------|-------------|-------------|--------------------|---------------------------|---------------------------------|--------------------------------------------------|--------------------------------------------|---------|---------------------|--|
| Model Name       |            | Min. Circuit Ampacity (MCA) | Max. Fuse Size | Capacity (range)      | Input (range)      | Rated current (range) | SEER2 | EER2 | Capacity (range)      | Input (range)      | Rated current (range) | COP | HSPF4 | HSPF5 | Noise Level | Precharge   | Liquid side | Gas side           | Max. length for all rooms | Max. length for one indoor unit | Max. height elevation between indoor and outdoor | Max. height elevation between indoor units | Cooling | Heating             |  |
|                  |            | A                           | A              | Btu/h                 | W                  | A                     |       |      | Btu/h                 | W                  | A                     |     |       |       | db          | ft          | inch        | inch               | ft                        | ft                              | ft                                               | ft                                         | °F      | °F                  |  |
| CH-RVHP19M-230VO | Ducted     | 17.5                        | 20             | 19,000(5,400-27,600)  | 1,460(400-2,350)   | 7.5(3.5-11)           | 20    | 13   | 20,000(5,700-25,400)  | 1,460(400-2,350)   | 7.5(3.5-11)           | 4   | 10    | 8     | 61.5        | 75          | 3x1/4"      | 3x3/8"             | 196.8                     | 98.4                            | 49.2                                             | 33                                         | -22-122 | -22-75              |  |
| CH-RVHP19M-230VO | Non-Ducted | 17.5                        | 20             | 19,000(5,400-28,000)  | 1,265(400-2,250)   | 5.6(3.5-10)           | 25    | 15   | 20,000(5,700-27,000)  | 1,265(400-2,250)   | 5.6(3.5-10)           | 4   | 10.4  | 8.5   | 61.5        | 75          | 3x1/4"      | 3x3/8"             | 196.8                     | 98.4                            | 49.2                                             | 33                                         | -22-122 | -22-75              |  |
| CH-RVHP28M-230VO | Ducted     | 30                          | 35             | 28,000(7,200-38,000)  | 2,333(500-4,500)   | 10.5(4-20)            | 19    | 12   | 28,000(8,400-38,500)  | 2,333(500-4,500)   | 10.5(4-20)            | 3.6 | 9.5   | 7.7   | 61          | 100         | 4x1/4"      | 3x3/8"+1x1/2"      | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -22-122 | -22-75              |  |
| CH-RVHP28M-230VO | Non-Ducted | 30                          | 35             | 27,000(7,200-37,000)  | 2,125(500-3,620)   | 9.5(4-16)             | 23    | 12.5 | 27,000(8,400-36,000)  | 2,125(500-3,620)   | 9.5(4-16)             | 3.8 | 10.5  | 8.5   | 61          | 100         | 4x1/4"      | 3x3/8"+1x1/2"      | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -22-122 | -22-75              |  |
| CH-RVHP36M-230VO | Ducted     | 37                          | 40             | 36,000(9,000-42,000)  | 3,000(600-4,200)   | 13.4(5.2-19)          | 19.4  | 12   | 36,000(10,000-45,000) | 3,000(600-4,200)   | 13.4(5.2-19)          | 3.8 | 10.4  | 8.8   | 65          | 125         | 5x1/4"      | 3x3/8"+2x1/2"      | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -22-122 | -22-75              |  |
| CH-RVHP36M-230VO | Non-Ducted | 37                          | 40             | 36,000(9,000-43,000)  | 2,750(600-4,000)   | 12.5(2-17.8)          | 23    | 13   | 36,000(10,000-44,000) | 2,750(600-4,000)   | 12.5(2-17.8)          | 4   | 10.7  | 8.5   | 65          | 125         | 5x1/4"      | 3x3/8"+2x1/2"      | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -22-122 | -22-75              |  |
| CH-RVHP48M-230VO | Ducted     | 37                          | 40             | 47,000(12,000-57,000) | 4,020(800-5,700)   | 17.9(7-25)            | 20.4  | 11.7 | 48,000(13,000-60,000) | 4,020(800-5,700)   | 17.9(7-25)            | 3.5 | 11    | 9     | 65          | 150         | 6x1/4"      | 4x3/8"+2x1/2"      | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -22-122 | -22-75              |  |
| CH-RVHP48M-230VO | Non-Ducted | 37                          | 40             | 47,000(12,000-57,000) | 3,917(800-5,400)   | 17.3(7-24)            | 23    | 12   | 49,000(13,000-57,000) | 3,917(800-5,400)   | 17.3(7-24)            | 3.7 | 11    | 9     | 65          | 150         | 6x1/4"      | 4x3/8"+2x1/2"      | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -22-122 | -22-75              |  |
| CH-RVHP55M-230VO | Ducted     | 39.5                        | 40             | 53,000(19,000-60,000) | 4,530(1,200-6,100) | 21(10-27)             | 20    | 11.7 | 55,000(20,000-61,000) | 4,530(1,200-6,100) | 21(10-27)             | 3.7 | 10.7  | 8.8   | 65          | 150         | 6x1/4"      | 4x3/8"+2x1/2"      | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -22-122 | -22-75              |  |
| CH-RVHP55M-230VO | Non-Ducted | 39.5                        | 40             | 51,000(19,000-59,000) | 4,250(1,200-5,400) | 18.5(10.5-24)         | 22.2  | 12   | 55,000(20,000-59,000) | 4,250(1,200-5,400) | 18.5(10.5-24)         | 3.5 | 10.5  | 8.5   | 65          | 150         | 6x1/4"      | 4x3/8"+2x1/2"      | 262.4                     | 114.8                           | 49.2                                             | 33                                         | -22-122 | -22-75              |  |

### UP TO 3 ZONES



CH-RVHP19M-230VO  
CH-RHP19M-230VO

| 2 ZONES |
|---------|
| 6K 6K   |
| 6K 9K   |
| 6K 12K  |
| 6K 18K  |
| 6K 24K  |
| 9K 9K   |
| 9K 12K  |
| 9K 18K  |
| 9K 24K  |
| 12K 12K |
| 12K 18K |
| 12K 24K |
| 18K 18K |

| 3 ZONES     |
|-------------|
| 6K 6K 6K    |
| 6K 6K 9K    |
| 6K 6K 12K   |
| 6K 6K 18K   |
| 6K 6K 24K   |
| 6K 9K 9K    |
| 6K 9K 12K   |
| 6K 9K 18K   |
| 6K 12K 12K  |
| 6K 12K 18K  |
| 9K 9K 9K    |
| 9K 9K 12K   |
| 9K 9K 18K   |
| 9K 12K 12K  |
| 12K 12K 12K |

### UP TO 4 ZONES



CH-RVHP28M-230VO  
CH-RHP28M-230VO

| 2 ZONES | 2 ZONES |
|---------|---------|
| 6K 18K  | 9K 24K  |
| 6K 24K  | 12K 12K |
| 9K 9K   | 12K 18K |
| 9K 12K  | 12K 24K |
| 9K 18K  | 18K 18K |

| 3 ZONES    |
|------------|
| 6K 6K 6K   |
| 6K 6K 9K   |
| 6K 6K 12K  |
| 6K 6K 18K  |
| 6K 6K 24K  |
| 6K 9K 9K   |
| 6K 9K 12K  |
| 6K 9K 18K  |
| 6K 9K 24K  |
| 6K 12K 12K |
| 6K 12K 18K |
| 6K 12K 24K |
| 6K 18K 18K |

| 3 ZONES     |
|-------------|
| 6K 18K 24K  |
| 9K 9K 9K    |
| 9K 9K 12K   |
| 9K 9K 18K   |
| 9K 9K 24K   |
| 9K 12K 12K  |
| 9K 12K 18K  |
| 9K 12K 24K  |
| 9K 18K 18K  |
| 12K 12K 12K |
| 12K 12K 18K |
| 12K 12K 24K |
| 12K 18K 18K |

| 4 ZONES         |
|-----------------|
| 6K 6K 6K 6K     |
| 6K 6K 6K 9K     |
| 6K 6K 6K 12K    |
| 6K 6K 6K 18K    |
| 6K 6K 6K 24K    |
| 6K 6K 9K 9K     |
| 6K 6K 9K 12K    |
| 6K 6K 9K 18K    |
| 6K 6K 9K 24K    |
| 6K 6K 12K 12K   |
| 6K 6K 12K 18K   |
| 6K 6K 12K 24K   |
| 6K 6K 18K 18K   |
| 6K 9K 9K 9K     |
| 6K 9K 9K 12K    |
| 6K 9K 9K 18K    |
| 6K 9K 9K 24K    |
| 6K 12K 12K 12K  |
| 6K 12K 12K 18K  |
| 6K 12K 12K 24K  |
| 6K 12K 18K 18K  |
| 6K 12K 18K 24K  |
| 6K 12K 24K 24K  |
| 9K 9K 9K 9K     |
| 9K 9K 9K 12K    |
| 9K 9K 9K 18K    |
| 9K 9K 9K 24K    |
| 9K 12K 12K 12K  |
| 9K 12K 12K 18K  |
| 9K 12K 12K 24K  |
| 9K 12K 18K 18K  |
| 9K 12K 18K 24K  |
| 9K 12K 24K 24K  |
| 9K 18K 18K 18K  |
| 12K 12K 12K 12K |
| 12K 12K 12K 18K |
| 12K 12K 12K 24K |
| 12K 12K 18K 18K |
| 12K 12K 18K 24K |
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| 12K 18K 18K 24K |
| 12K 18K 24K 24K |
| 18K 18K 18K 18K |
| 18K 18K 18K 24K |
| 18K 18K 24K 24K |
| 18K 24K 24K 24K |

| 4 ZONES        |
|----------------|
| 6K 6K 9K 9K    |
| 6K 6K 9K 12K   |
| 6K 6K 9K 18K   |
| 6K 6K 9K 24K   |
| 6K 6K 12K 12K  |
| 6K 6K 12K 18K  |
| 6K 6K 12K 24K  |
| 6K 6K 18K 18K  |
| 6K 9K 9K 9K    |
| 6K 9K 9K 12K   |
| 6K 9K 9K 18K   |
| 6K 9K 9K 24K   |
| 6K 12K 12K 12K |
| 6K 12K 12K 18K |
| 6K 12K 12K 24K |
| 6K 12K 18K 18K |
| 6K 12K 18K 24K |
| 6K 12K 24K 24K |
| 6K 18K 18K 18K |
| 6K 18K 18K 24K |
| 6K 18K 24K 24K |
| 6K 24K 24K 24K |
| 9K 9K 9K 9K    |
| 9K 9K 9K 12K   |
| 9K 9K 9K 18K   |
| 9K 9K 9K 24K   |
| 9K 12K 12K 12K |
| 9K 12K 12K 18K |
| 9K 12K 12K 24K |
| 9K 12K 18K 18K |
| 9K 12K 18K 24K |
| 9K 12K 24K 24K |
| 9K 18K 18K 18K |
| 9K 18K 18K 24K |
| 9K 18K 24K 24K |
| 9K 24K 24K 24K |

### UP TO 5 ZONES



CH-RVHP36M-230VO  
CH-RHP36M-230VO

| 2 ZONES |
|---------|
| 6K 18K  |
| 6K 24K  |
| 6K 30K  |
| 6K 36K  |
| 9K 18K  |
| 9K 24K  |
| 9K 30K  |
| 9K 36K  |
| 12K 12K |
| 12K 18K |
| 12K 24K |
| 12K 30K |
| 12K 36K |
| 18K 18K |
| 18K 24K |
| 18K 30K |
| 24K 24K |

| 3 ZONES    | 3 ZONES     |
|------------|-------------|
| 6K 6K 12K  | 9K 9K 9K    |
| 6K 6K 18K  | 9K 9K 12K   |
| 6K 6K 24K  | 9K 9K 18K   |
| 6K 6K 30K  | 9K 9K 24K   |
| 6K 6K 36K  | 9K 9K 30K   |
| 6K 9K 9K   | 9K 12K 12K  |
| 6K 9K 12K  | 9K 12K 18K  |
| 6K 9K 18K  | 9K 12K 24K  |
| 6K 9K 24K  | 9K 12K 30K  |
| 6K 9K 30K  | 9K 12K 36K  |
| 6K 12K 12K | 12K 12K 12K |
| 6K 12K 18K | 12K 12K 18K |
| 6K 12K 24K | 12K 12K 24K |
| 6K 12K 30K | 12K 12K 30K |
| 6K 12K 36K | 12K 12K 36K |
| 18K 18K    | 18K 18K 18K |
| 18K 24K    | 18K 18K 24K |
| 18K 30K    | 18K 18K 30K |
| 24K 24K    | 24K 24K 24K |

| 4 ZONES |    |     |     |
|---------|----|-----|-----|
| 6K      | 6K | 6K  | 6K  |
| 6K      | 6K | 6K  | 9K  |
| 6K      | 6K | 6K  | 12K |
| 6K      | 6K | 6K  | 18K |
| 6K      | 6K | 6K  | 24K |
| 6K      | 6K | 9K  | 9K  |
| 6K      | 6K | 9K  | 12K |
| 6K      | 6K | 9K  | 18K |
| 6K      | 6K | 12K | 12K |
| 6K      | 6K | 12K | 24K |
| 6K      | 6K | 12K | 18K |
| 6K      | 6K | 12K | 24K |
| 6K      | 6K | 18K | 18K |
| 6K      | 9K | 18K | 24K |
| 6K      | 9K | 9K  | 9K  |
| 6K      | 9K | 9K  | 12K |



## MONOBLOCK

HOTELS | MOTELS | ASSISTED LIVING FACILITIES | CLINICS | OFFICES | CLASSROOMS



# PTAC

## Packaged Terminal Air Conditioner Heat Pump



UP TO 11.4 EER2  
9K, 12K, 15K Btu/h

- Auto Restart
- Fresh Air Ventilation
- Auto Defrost
- LED Display
- Digital Temperature Control
- Smart Kit Built in
- Constant Fan Function



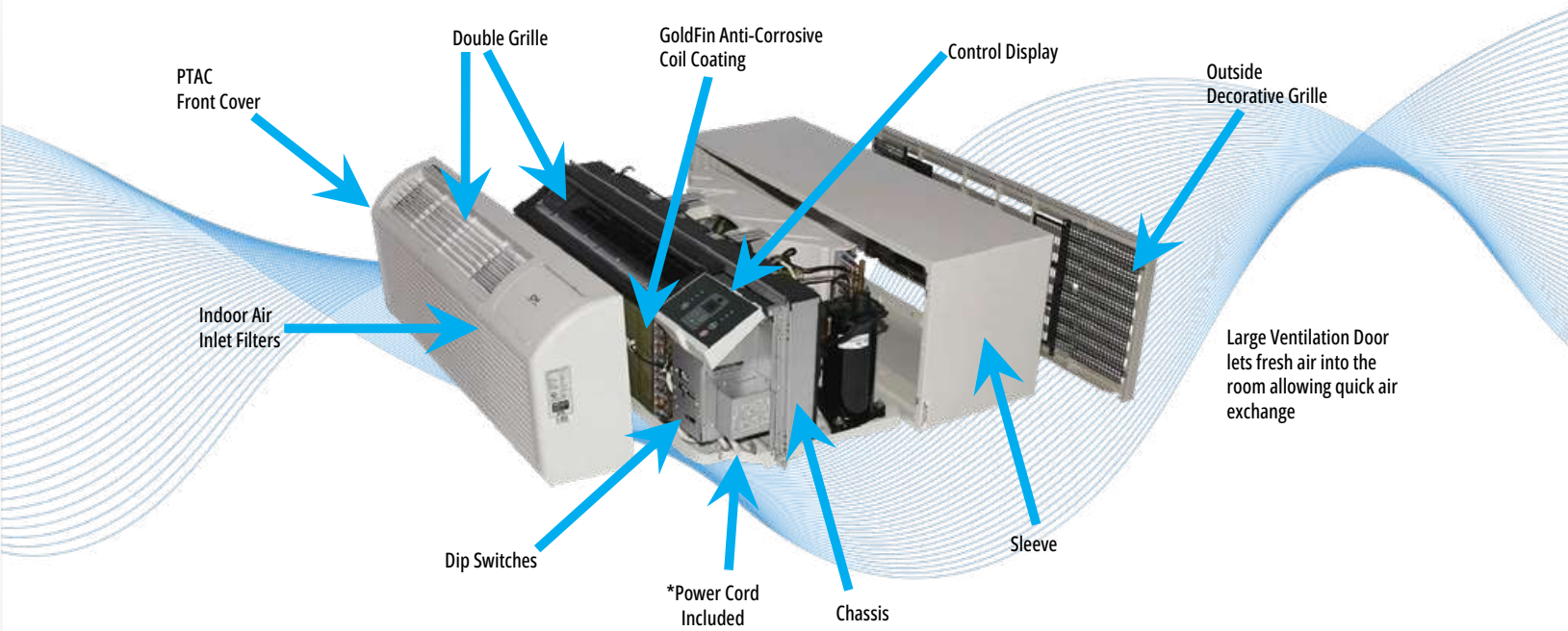
(See Accessories PG 64)

- CONTROL OPTIONS
- Smart Kit ready with Downloadable C&H Remote app
  - Remote Control included



| Customer Model             |                           |         | CH-PTW-09HPGF        | CH-PTW-12HPGF        | CH-PTW-HE15HP        |
|----------------------------|---------------------------|---------|----------------------|----------------------|----------------------|
| Power Supply               |                           | V-Ph-Hz | 208/230,1, 60        | 208/230,1, 60        | 208/230,1, 60        |
| Cooling                    | Rated Capacity            | Btu/h   | 9,300/9,200          | 12,000/11,800        | 14,700/14,500        |
|                            | Input                     | W       | 820/810              | 1,040/1,020          | 1,390/1,370          |
|                            | Current                   | A       | 4.2/4.6              | 5.3/5.8              | 6.5/7.4              |
|                            | EER2                      |         | 11.4                 | 10.5                 | 10.6                 |
| Heating (PTC)              | Capacity                  | Btu/h   | 10,900/8,900         | 10,900/8,900         | 10,900/8,900         |
|                            | Input(Heater)             | W       | 3,500/2,897          | 3,500/2,897          | 3,500/2,897          |
|                            | Current                   | A       | 15.3/13.7            | 15.3/13.7            | 15.3/13.7            |
| Heating (Heat pump)        | Capacity                  | Btu/h   | 8,100/7,900          | 10,800/10,500        | 13,500/13,200        |
|                            | Input                     | W       | 720/690              | 890/850              | 1,170/1,120          |
|                            | Current                   | A       | 3.9/4.3              | 5.0/5.3              | 6.0/6.4              |
|                            | COP                       | W/W     | 3.4                  | 3.2                  | 3.2                  |
| Indoor Air Flow (Hi/Lo)    |                           | CMF     | 362.9/300            | 438/344              | 416/330              |
| Indoor Noise Level (Hi/Lo) |                           | dB(A)   | 50/49.5              | 52/51.5              | 53/52.5              |
| Outdoor Noise Level (Hi)   |                           | dB(A)   | 64                   | 67                   | 67                   |
| Refrigerant Type           | Refrigerant type          |         | R32                  | R32                  | R32                  |
|                            | oz                        |         | 15.17                | 26.81                | 31.75                |
| Design Pressure (Lo/Hi)    |                           | psi     | 300/580              | 300/580              | 300/580              |
| OperationTemp              | Indoor (Cooling/Heating)  | °F      | 62°F-90°F/32°F-80°F  | 62°F-90°F/32°F-80°F  | 62°F-90°F/32°F-80°F  |
|                            | Outdoor (Cooling/Heating) | °F      | 64°F-109°F/23°F-76°F | 64°F-109°F/23°F-76°F | 64°F-109°F/23°F-76°F |
| Dimension (WxDxH)          |                           | in      | 42x21x16             | 42x21x16             | 42x21x16             |
| Packing (WxDxH)            |                           | in      | 44.5x25x19.3         | 44.5x25x19.3         | 44.5x25x19.3         |
| Net/Gross Weight           |                           | lbs     | 99.2/108             | 110.2/119            | 113.5/122            |

## PTAC Components

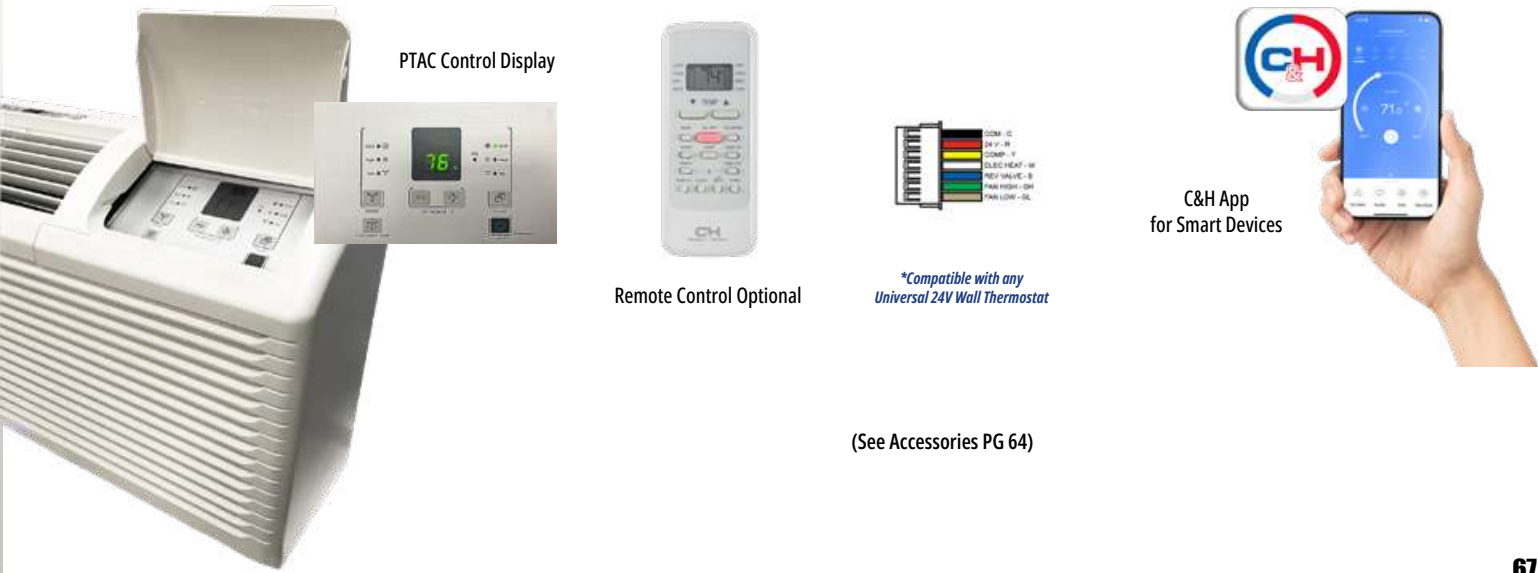


## PTAC Optional Accessories

- Foldable Wall Sleeve
- Architectural Grille



## PTAC Controls *Choose which control option works for you\**



(See Accessories PG 64)





# ACCESSORIES

Our bundled installation kit offers ease and convenience for HVAC technicians while providing a long-lasting, quality product that customers will not have to replace.

Installation Kit includes one of each: 16ft Pre-Flared and Insulated Copper Line Set, 16ft Communication Wires between Indoor and Outdoor unit, Small Accessories and a 16ft Drainage Extension.

- 99.9% Copper (ASTM B-280)
- Pre-insulated (ASTM D154)
- UV & UV-C Protected
- Pre-flared

### Smart KIT

The Cooper&Hunter Smart Kit includes an Easy-to-Install USB adapter that connects inside the unit to enable wireless remote control function for Wall Mounted Mini Split Units. In addition, when used with the downloadable C&H Remote App, the units can be controlled with any smart device from any location. The Smart Kit is compatible with the Astoria, Olivia, Olivia Midnight and Mia indoor units.



### Remote Control Devices

This newly designed remote control is specifically utilized with the PTAC Units. The LCD screen will display basic functions on this controller including Mode, Temperature Control, Timer, and Fan Speed. A small sensor located on the back of the control will read the room temperature and adjust the settings accordingly.



Our newest Remote Control has the capability of operating most of the Cooper&Hunter indoor Mini Splits in both, Single and Multi-Zones. Its advanced technology allows for additional functions, such as Eco Mode, Breeze Away, Self Cleaning Mode, Sleep Mode, Follow Me Mode, Turbo and Lock mode. Functions to control horizontal and vertical the swing of louvers is also included in this Remote.

### Smart Wired Thermostat

The feature that sets the new 12V wall thermostat apart from the previous models is its ability to connect to the internet and provide compatible units with remote connectivity through the Cooper&Hunter App, allowing you to control your air conditioner from your smartphone or tablet, wherever you are.

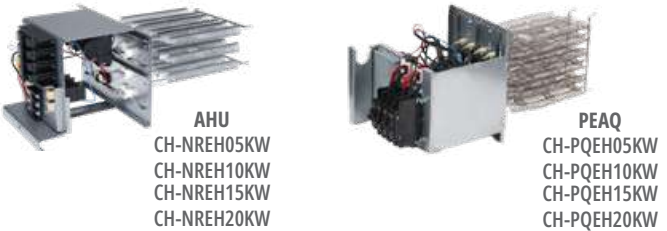


Cooper&Hunter's 24V Wall Thermostat is built with Inverter Technology management capability for smooth, energy-efficient temperature control offering adjustable fan speeds to customize comfort in any space. The integrated iCheck diagnostic identifies issues before they become costly repairs. A robust 128M+512M capacity for ROM and RAM guarantee reliable operation. HA&HB or 24V connections included.



### Auxiliary Heater

The Auxiliary Heater is an optional device that is purchased separately as a back-up heating option for indoor units in case of an emergency or when the primary heating system is not working. The optional auxiliary heater has allows for the AHU unit to be used as a Heater or Heater+Heat Pump and is available in 5kW, 10kW, 15kW, and 20 kW models.



### 12’ Mini Split Line Set Cover Kit

The 3” and 4” Line Set Cover Kit is designed to protect and hide mini split refrigerant lines. This material is lightweight and weatherproof, yer ultra durable and easy to install and can be installed over existing pre-installed pipes.

Cover Kit includes:

- 1 x 120° flat swivel elbow
- 4 x straight ducts
- 3 x couplers
- 1 x end fitting
- 1 x 90° elbow
- 1 x wall inlet



### Outdoor Wall Mounting Bracket

Mount your outdoor condenser on the wall to protect it from severe weather conditions like heavy snow or flooding.

- Maximum weight load: 441 lbs.
- Weather-proof powder-coated surface
- Includes installation bolts and rubber anti-vibration pads

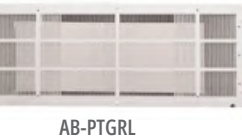


### PTAC Sleeve & Grille

The standard size (41” 7/8 x 16” 3/8 x 14” 3/4) PTAC Foldable Metal Wall Sleeve is designed especially for Cooper&Hunter PTACs. This wall sleeve is insulated for thermal efficiency and noise reduction. Its white powder coating matches C&H’s PTAC units and is made of galvanized zinc coated steel for exceptional durability. Condensate Drain Kit is included.



Keep your PTAC unit running efficiently with the Cooper&Hunter Exterior Architectural Grille, protecting the coils at the back of your PTAC unit to help maintain proper air flow into and out of the unit.



### Ceiling Cassette Panel

The 4-Way Mini Split Ceiling Cassette Front Display Panel may be used to operate the unit if the remote control has been misplaced or inoperable.

|                         |    |                  |  |
|-------------------------|----|------------------|--|
| CH-NPNL09-18CT          |    |                  |  |
| Grill                   | in | 16.5x16.5x0.78   |  |
| Panel Dimension (WxDxH) | in | 25.47x25.47x1.97 |  |

|                         |    |                |  |
|-------------------------|----|----------------|--|
| CH-NPNL24-48CT          |    |                |  |
| Grill                   | in | 24.49x24.49x1  |  |
| Panel Dimension (WxDxH) | in | 37.4x37.4x2.17 |  |



# AHRI CERTIFICATION

| AHRI Certified Reference Number | Outdoor Unit Model Number | Indoor Model Number(s) |
|---------------------------------|---------------------------|------------------------|
| 215864254                       | CH-R18MES-230VO           |                        |
| 215864255                       | CH-R18MES-230VO           |                        |
| 215864256                       | CH-R18MES-230VO           |                        |
| 215864257                       | CH-R28MES-230VO           |                        |
| 215864258                       | CH-R28MES-230VO           |                        |
| 215864259                       | CH-R28MES-230VO           |                        |
| 215864260                       | CH-R36MES-230VO           |                        |
| 215864261                       | CH-R36MES-230VO           |                        |
| 215864262                       | CH-R36MES-230VO           |                        |
| 215864263                       | CH-R48MES-230VO           |                        |
| 215864264                       | CH-R48MES-230VO           |                        |
| 215864265                       | CH-R48MES-230VO           |                        |
| 215864269                       | CH-RVHP19M-230VO          |                        |
| 215864270                       | CH-HVPR19M-230VO          |                        |
| 215864271                       | CH-HVPR19M-230VO          |                        |
| 215864272                       | CH-HVPR28M-230VO          |                        |
| 215864273                       | CH-HVPR28M-230VO          |                        |
| 215864274                       | CH-HVPR28M-230VO          |                        |
| 215864275                       | CH-HVPR36M-230VO          |                        |
| 215864276                       | CH-HVPR36M-230VO          |                        |
| 215864277                       | CH-HVPR36M-230VO          |                        |
| 215864278                       | CH-HVPR48M-230VO          |                        |
| 215864279                       | CH-HVPR48M-230VO          |                        |
| 215864280                       | CH-HVPR48M-230VO          |                        |
| 215864266                       | CH-R60MES-230VO           |                        |
| 215864267                       | CH-R60MES-230VO           |                        |
| 215864268                       | CH-R60MES-230VO           |                        |
| 215864281                       | CH-RVHP55M-230VO          |                        |
| 215864282                       | CH-RVHP55M-230VO          |                        |
| 215864283                       | CH-RVHP55M-230VO          |                        |
| 215864266                       | CH-R60MES-230VO           |                        |
| 215864267                       | CH-R60MES-230VO           |                        |
| 215864268                       | CH-R60MES-230VO           |                        |
| 215864144                       | CH-RES06-115VO            | CH-R06OLVWM-115VI      |
| 215864145                       | CH-RES09-115VO            | CH-R09OLVWM-115VI      |
| 215864157                       | CH-RES09-115VO            | CH-RB09OLVWM-115VI     |
| 215864147                       | CH-RES09-230VO            | CH-R09MOLVWM-230VI     |
| 215864159                       | CH-RES09-230VO            | CH-RB09MOLVWM-230VI    |
| 215864168                       | CH-RES09-230VO            | CH-PRO09MASTWM-230VI   |
| 215864184                       | CH-RES09-230VO            | CH-RH09MASTWM-230VI    |
| 215864194                       | CH-RES09-230VO            | CH-RSH09-12MCT         |
| 215864206                       | CH-RES09-230VO            | CH-RH09MCT             |
| 215864223                       | CH-RES09-230VO            | CH-RS09MDT-MS          |
| 215864225                       | CH-RES09-230VO            | CH-RS06-12MDT- MS      |
| 215864248                       | CH-RES09-230VO            | CH-RSH06-12MCT1W       |
| 215864235                       | CH-RES09-230VO            | CH-RSH09MMC            |
| 215864146                       | CH-RES12-115VO            | CH-R12OLVWM-115VI      |
| 215864158                       | CH-RES12-115VO            | CH-RB12OLVWM-115VI     |
| 215864148                       | CH-RES12-230VO            | CH-R12MOLVWM-230VI     |
| 215864160                       | CH-RES12-230VO            | CH-RB12MOLVWM-230VI    |
| 215864169                       | CH-RES12-230VO            | CH-PRO12MASTWM-230VI   |
| 215864185                       | CH-RES12-230VO            | CH-RH12MASTWM-230VI    |
| 215864195                       | CH-RES12-230VO            | CH-RSH09-12MCT         |
| 215864207                       | CH-RES12-230VO            | CH-RH12MCT             |
| 215864224                       | CH-RES12-230VO            | CH-RS12MDT-MS          |
| 215864226                       | CH-RES12-230VO            | CH-RS06-12MDT- MS      |
| 215864249                       | CH-RES12-230VO            | CH-RSH06-12MCT1W       |
| 215864236                       | CH-RES12-230VO            | CH-RSH12MMC            |
| 215864149                       | CH-RES18-230VO            | CH-R18MOLVWM-230VI     |
| 215864161                       | CH-RES18-230VO            | CH-RB18MOLVWM-230VI    |
| 215864170                       | CH-RES18-230VO            | CH-PRO18MASTWM-230VI   |
| 215864186                       | CH-RES18-230VO            | CH-RH18MASTWM-230VI    |
| 215864196                       | CH-RES18-230VO            | CH-RSH18MCT            |
| 215864208                       | CH-RES18-230VO            | CH-RH18MCT             |
| 215864227                       | CH-RES18-230VO            | CH-RS18MDT-MS          |
| 215864250                       | CH-RES18-230VO            | CH-RSH18MCT1W          |
| 215864237                       | CH-RES18-230VO            | CH-RSH16MMC            |
| 215864238                       | CH-RES18-230VO            | CH-RSH18MFC            |
| 215864150                       | CH-RES24-230VO            | CH-R24MOLVWM-230VI     |
| 215864162                       | CH-RES24-230VO            | CH-RB24MOLVWM-230VI    |
| 215864171                       | CH-RES24-230VO            | CH-PRO24MASTWM-230VI   |

| AHRI Certified Reference Number | Outdoor Unit Model Number | Indoor Model Number(s) |
|---------------------------------|---------------------------|------------------------|
| 215864187                       | CH-RES24-230VO            | CH-RH24MASTWM-230VI    |
| 215864197                       | CH-RES24-230VO            | CH-RSH24MCT            |
| 215864209                       | CH-RES24-230VO            | CH-RH24MCT             |
| 215864228                       | CH-RES24-230VO            | CH-RS24MDT-HS          |
| 212528018                       | CH-HPR35-230VO            | CH-35HASTWM-230V       |
| 215864239                       | CH-RES24-230VO            | CH-RSH24MFC            |
| 215864151                       | CH-RHP06F9-230VO          | CH-R06MOLVWM-230VI     |
| 215864163                       | CH-RHP06F9-230VO          | CH-RB06MOLVWM-230VI    |
| 215864172                       | CH-RHP06F9-230VO          | CH-PRO06MASTWM-230VI   |
| 215864178                       | CH-RHP06F9-230VO          | CH-RH06MASTWM-230VI    |
| 215864212                       | CH-RHP06F9-230VO          | CH-RS06MDT-MS          |
| 215864215                       | CH-RHP06F9-230VO          | CH-RS06-12MDT- MS      |
| 215864251                       | CH-RHP06F9-230VO          | CH-RSH06-12MCT1W       |
| 215864152                       | CH-RHP09-230VO            | CH-R09MOLVWM-230VI     |
| 215864164                       | CH-RHP09-230VO            | CH-RB09MOLVWM-230VI    |
| 215864173                       | CH-N48LCU-230VO           | CH-48AHU               |
| 208141208                       | CH-NHPR48LCU-230VO        | CH-48AHU               |
| 205263864                       | CH-HYP48LCUO              | CH-48LCDTU/I           |
| 207742342                       | CH-N48LCU-230VO           | CH-48LCDTU/I           |
| 207742350                       | CH-NHPR48LCU-230VO        | CH-48LCDTU/I           |
| 205263865                       | CH-HYP48LCUO              | CH-48LCFC/I            |
| 207742343                       | CH-N48LCU-230VO           | CH-48LCFC/I            |
| 207742351                       | CH-NHPR48LCU-230VO        | CH-48LCFC/I            |
| 208141206                       | CH-N60LCU-230VO           | CH-60AHU               |
| 211246029                       | CH-NHPR60LCU-230VO        | CH-60AHU               |
| 207742344                       | CH-N60LCU-230VO           | CH-60LCDTU/I           |
| 210665987                       | CH-HPR06F9-230VO          | CH-R06MOLVWM-230VI     |
| 210665988                       | CH-ES09-230VO             | CH-B09MOLVWM-230VI     |
| 210665992                       | CH-HPR09-230VO            | CH-B09MOLVWM-230VI     |
| 210665985                       | CH-ES09-115VO             | CH-B09OLVWM-115VI      |
| 210665989                       | CH-ES12-230VO             | CH-B12MOLVWM-230VI     |
| 210665993                       | CH-HPR12-230VO            | CH-B12MOLVWM-230VI     |
| 210665986                       | CH-ES12-115VO             | CH-B12OLVWM-115VI      |
| 210665990                       | CH-ES18-230VO             | CH-B18MOLVWM-230VI     |
| 210665994                       | CH-HPR18-230VO            | CH-B18MOLVWM-230VI     |
| 210665991                       | CH-ES24-230VO             | CH-B24MOLVWM-230VI     |
| 210665995                       | CH-HPR24-230VO            | CH-B24MOLVWM-230VI     |
| 215864173                       | CH-RHP09-230VO            | CH-PRO09MASTWM-230VI   |
| 215864179                       | CH-RHP09-230VO            | CH-RH09MASTWM-230VI    |
| 215864188                       | CH-RHP09-230VO            | CH-RSH09-12MCT         |
| 215864200                       | CH-RHP09-230VO            | CH-RH09MCT             |
| 215864213                       | CH-RHP09-230VO            | CH-RS09MDT-MS          |
| 215864216                       | CH-RHP09-230VO            | CH-RS06-12MDT- MS      |
| 215864252                       | CH-RHP09-230VO            | CH-RSH06-12MCT1W       |
| 215864232                       | CH-RHP09-230VO            | CH-RSH09MMC            |
| 215864153                       | CH-RHP12-230VO            | CH-R12MOLVWM-230VI     |
| 215864165                       | CH-RHP12-230VO            | CH-RB12MOLVWM-230VI    |
| 215864174                       | CH-RHP12-230VO            | CH-PRO12MASTWM-230VI   |
| 215864180                       | CH-RHP12-230VO            | CH-RH12MASTWM-230VI    |
| 215864189                       | CH-RHP12-230VO            | CH-RSH09-12MCT         |
| 215864201                       | CH-RHP12-230VO            | CH-RH12MCT             |
| 215864214                       | CH-RHP12-230VO            | CH-RS12MDT-MS          |
| 215864217                       | CH-RHP12-230VO            | CH-RS06-12MDT- MS      |
| 215864253                       | CH-RHP12-230VO            | CH-RSH06-12MCT1W       |
| 215864233                       | CH-RHP12-230VO            | CH-RSH12MMC            |
| 215864154                       | CH-RHP18-230VO            | CH-R18MOLVWM-230VI     |
| 215864166                       | CH-RHP18-230VO            | CH-RB18MOLVWM-230VI    |
| 215864175                       | CH-RHP18-230VO            | CH-PRO18MASTWM-230VI   |
| 215864181                       | CH-RHP18-230VO            | CH-RH18MASTWM-230VI    |
| 215864190                       | CH-RHP18-230VO            | CH-RSH18MCT            |
| 215864202                       | CH-RHP18-230VO            | CH-RH18MCT             |
| 215864218                       | CH-RHP18-230VO            | CH-RS18MDT-MS          |
| 215864243                       | CH-RHP18-230VO            | CH-RSH18MFC            |
| 215864234                       | CH-RHP18-230VO            | CH-RSH16MMC            |
| 215864155                       | CH-RHP24-230VO            | CH-R24MOLVWM-230VI     |
| 215864167                       | CH-RHP24-230VO            | CH-RB24MOLVWM-230VI    |
| 215864176                       | CH-RHP24-230VO            | CH-PRO24MASTWM-230VI   |
| 215864182                       | CH-RHP24-230VO            | CH-RH24MASTWM-230VI    |
| 215864191                       | CH-RHP24-230VO            | CH-RSH24MCT            |
| 215864203                       | CH-RHP24-230VO            | CH-RH24MCT             |
| 215864219                       | CH-RHP24-230VO            | CH-RS24MDT-HS          |

| AHRI Certified Reference Number | Outdoor Unit Model Number | Indoor Model Number(s) |
|---------------------------------|---------------------------|------------------------|
| 215864244                       | CH-RHP24-230VO            | CH-RSH24MFC            |
| 215864156                       | CH-RHP35-230VO            | CH-R33HOLVWM-230VI     |
| 215864177                       | CH-RHP35-230VO            | CH-PRO33HASTWM-230VI   |
| 215864183                       | CH-RHP35-230VO            | CH-RH33HASTWM-230VI    |
| 215864192                       | CH-RHP36LCU-230VO         | CH-RSH36LCCT           |
| 215864204                       | CH-RHP36LCU-230VO         | CH-RH36LCCT            |
| 215864220                       | CH-RHP36LCU-230VO         | CH-RS36LCDT-HS         |
| 215864245                       | CH-RHP36LCU-230VO         | CH-RSH36LCFC           |
| 215864193                       | CH-RHP48LCU-230VO         | CH-RSH48LCCT           |
| 215864205                       | CH-RHP48LCU-230VO         | CH-RH48LCCT            |
| 215864221                       | CH-RHP48LCU-230VO         | CH-RS48LCDT-HS         |
| 215864246                       | CH-RHP48LCU-230VO         | CH-RSH48LCFC           |
| 215864222                       | CH-RHP60LCU-230VO         | CH-RS60LCDT-HS         |
| 215864247                       | CH-RHP60LCU-230VO         | CH-RSH60LCFC           |
| 215864269                       | CH-RVHP19M-230VO          | CH-PRO06MASTWM-230VI   |
| 215864270                       | CH-RVHP19M-230VO          | CH-RS06MDT-MS          |
| 215864271                       | CH-RVHP19M-230VO          | CH-RS06MDT-MS          |
| 215864272                       | CH-RVHP28M-230VO          | CH-PRO06MASTWM-230VI   |
| 215864273                       | CH-RVHP28M-230VO          | CH-RS06MDT-MS          |
| 215864274                       | CH-RVHP28M-230VO          | CH-RS06MDT-MS          |
| 215864275                       | CH-RVHP36M-230VO          | CH-PRO06MASTWM-230VI   |
| 215864276                       | CH-RVHP36M-230VO          | CH-RS06MDT-MS          |
| 215864277                       | CH-RVHP36M-230VO          | CH-RS06MDT-MS          |
| 215864278                       | CH-RVHP48M-230VO          | CH-PRO09MASTWM-230VI   |
| 215864279                       | CH-RVHP48M-230VO          | CH-RS09MDT-MS          |
| 215864280                       | CH-RVHP48M-230VO          | CH-RS09MDT-MS          |
| 215864281                       | CH-RVHP55M-230VO          | CH-PRO06MASTWM-230VI   |
| 215864282                       | CH-RVHP55M-230VO          | CH-RS06MDT-MS          |
| 215864283                       | CH-RVHP55M-230VO          | CH-RS06MDT-MS          |
| 215864120                       | CH-PQ18-230VO             | CH-PQ18AHU             |
| 215864121                       | CH-PQ24-230VO             | CH-PQ24AHU             |
| 215864122                       | CH-PQ33-230VO             | CH-PQ33AHU             |
| 215864123                       | CH-PQ36-230VO             | CH-PQ36AHU             |
| 215864125                       | CH-PQ55-230VO             | CH-PQ55AHU             |
| 215864284                       | CH-R36LCU-230VO           | CH-RS36LCAHU           |
| 215864134                       | CH-R48LCU-230VO           | CH-RS48LCAHU           |
| 215864285                       | CH-R60LCU-230VO           | CH-RS60LCAHU           |
| 215864133                       | CH-REL30-230VO            | CH-RS30MAHU            |
| 215864131                       | CH-RES18-230VO            | CH-RS18MAHU            |
| 215864132                       | CH-RES24-230VO            | CH-RS24MAHU            |
| 215864126                       | CH-RHP18-230VO            | CH-RS18MAHU            |
| 215864127                       | CH-RHP24-230VO            | CH-RS24MAHU            |
| 215864128                       | CH-RHP36LCU-230VO         | CH-RS36LCAHU           |
| 215864129                       | CH-RHP48LCU-230VO         | CH-RS48LCAHU           |
| 215864130                       | CH-RHP60LCU-230VO         | CH-RS60LCAHU           |





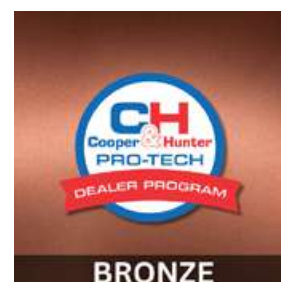
## COOPER&HUNTER's PRO-TECH DEALER PROGRAM

### Cooper&Hunter introduces you to our NEW Pro-Tech Dealer Program 2025

available to HVAC contractors and technicians, and focuses on recognizing and promoting growth to our top members.

*Stand out from your competition and earn exclusive benefits, including up to 3 additional years of Warranty for the Cooper&Hunter systems.*

#### 3 CATEGORIES YOU MAY QUALIFY FOR:



20 SYSTEMS\* / YEAR



50 SYSTEMS\* / YEAR



100 SYSTEMS\* / YEAR



## COOPER&HUNTER's COMMERCIAL PRO-TECH PROGRAM



#### Benefits include:

- Priority Customer Service Phone Line
- Preferred Locator placement on Cooper&Hunter's website
- Marketing Material and Co-branding
- Educational Material
- \$500 Voucher for VRF Training by Cooper&Hunter Engineers
- Invitations to exclusive sponsorship events by Cooper&Hunter and partners
- Points earned to use on Cooper&Hunter's online store
- Travel expenses paid with invitation to Cooper&Hunter's annual HQ meeting



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For questions on VRF Commercial Solutions, contact us at  
[vrf@cooperandhunter.us](mailto:vrf@cooperandhunter.us)

R32





TV AD



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