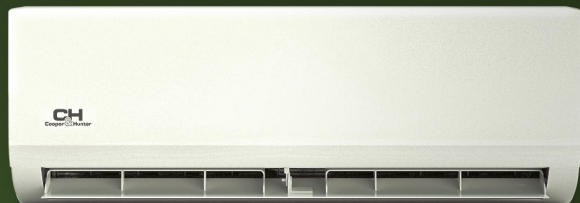


# CH Cooper & Hunter

# OLIVIA

WALL MOUNTED SINGLE & MULTI-ZONE MINI SPLITS



UP TO 26.0 SEER2



SMART KIT  
INCLUDED



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|                      |                                        |                   |           |                              |                            |                            |                            |                            |                            |                               |                               |                               |                              |                            |                            |                            |                            |                            |
|----------------------|----------------------------------------|-------------------|-----------|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| INDOOR               | Indoor Model                           |                   |           | CH-R06MOLVWM-230VI           | CH-R09MOLVWM-230VI         | CH-R12MOLVWM-230VI         | CH-R18MOLVWM-230VI         | CH-R24MOLVWM-230VI         | CH-R33HELVWM-230VI         | CH-R06OLVWM-115VI             | CH-R09OLVWM-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             | 208/230, 1, 60             | 115V, 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             |
|                      |                                        | Rated Capacity    | Btu/h     | 6,000                        | 9,000                      | 12,000                     | 18,000                     | 23,000                     | 33,000                     | 7,000                         | 9,000                         | 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                          | 3                          | 3                          |
|                      | Max. Fuse                              |                   | A         | 15                           | 15                         | 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/ / | 382.6/294.3/194.2/153.0/ / | 759.3/500.3/441.4/370.8/ / | 759.3/588.6/459.1/382.6/ / | 829.9/676.9/529.7/447.3/ / | 370.8/306.1/235.4/188.4/141.3 | 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)     | 42/37/32/24/20               | 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   | 56/52.5/46.5/29.5/23       | 44.0/40.5/35.0/26.5/17.5      | 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           | 49.57x11.14x14.25          | 31.57x7.87x11.61              | 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          | 52.76x15.16x17.72          | 34.45x11.22x14.96             | 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                | 43.21/57.32                | 18.96/24.47                   | 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                    | 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                    | 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"                | 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"                | 3/8" / 5/8"                | 3/8" / 5/8"                |

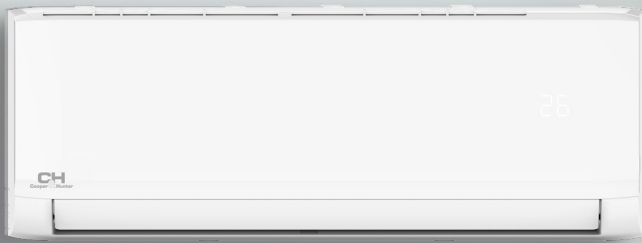
HYPER

REGULAR

ENTRY LEVEL

|                |                                         |                                       |           |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|----------------|-----------------------------------------|---------------------------------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| OUTDOOR        | Outdoor Model                           |                                       |           | CH-RHP06F9-230VO  | CH-RHP09-230VO    | CH-RHP12-230VO    | CH-RHP18-230VO    | CH-RHP24-230VO    | CH-RHP33-230VO    | CH-RES06-115VO    | CH-RES09-115VO    | 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     | 208/230,1, 60     | 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     | 208/230,1, 60     | 208/230,1, 60     |
|                |                                         | Voltage Range                         | V         | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 187-253           | 103.5-126.5       | 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     | 15,000~35,900     | 2,600~13,000      | 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               | 12.6              | 6.9               | 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              | 11.7              | 15.0              | 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              | 20.0              | 24.5              | 24.5              | 23.2              | 24.6              | 23.1              | 24.0              | 23.5              | 22.3              | 19.5              |
|                |                                         | 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     | 19,900~38,200     | 4,500~12,800      | 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     |
|                | Heating at 47°F                         | Rated current                         | A         | 4.0               | 4.3               | 4.3               | 9.5               | 11.2              | 14.1              | 7.6               | 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              | 3.22              | 4.20              | 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              | 10.5              | 10.7              | 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               | 8.6               | 8.2               | 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            | 30,200            | 8,600             | 8,900             | 10,200            | 8,900             | 9,900             | 14,500            | 21,300            | 21,500            | 25,600            |
|                | Minimum Circuit Ampacity                |                                       | A         | 12                | 15                | 15                | 19                | 24.9              | 34                | 18                | 18                | 18                | 12                | 12                | 18                | 24                | 28                | 33                |
|                | Max.Fuse (Outdoor Unit)                 |                                       | A         | 15                | 15                | 15                | 20                | 25                | 35                | 20                | 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           | 2,235.3           | 1,235.3           | 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              | 63.5              | 53.0              | 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 | 37.24x16.14x31.89 | 30.12x11.93x21.85 | 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 | 42.91x19.69x34.84 | 34.92x13.27x24.02 | 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     | 156.97/167.99     | 64.59/70.11       | 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/87.13       | R454B/33.51       | 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                | 25                | 25                |
|                | Additional Charge for Each ft.          |                                       | oz/ft     | 0.16              | 0.16              | 0.16              | 0.16              | 0.32              | 0.32              | 0.16              | 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           | 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"       | 1/4" / 3/8"       | 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"       | 3/8" / 5/8"       |
|                | Max. Pipe Length                        |                                       | ft.       | 82                | 82                | 82                | 98.4              | 164               | 164               | 82                | 82                | 82                | 82                | 82                | 98.4              | 164               | 164               | 213.2             |
|                | Max. Difference in Level                |                                       | ft.       | 49.2              | 49.2              | 49.2              | 65.6              | 82                | 82                | 49.2              | 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           | -22~122           | -13~122           | -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            | -22~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            | -13~75            |
| Certifications |                                         | ETL                                   |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                |                                         | AHRI                                  |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                |                                         | Energy Star forCold Climate           |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |
|                |                                         | NEEP                                  |           | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 | ✓                 |





6K-36K Btu/h

- Auto-Swing for horizontal louvers
- Genius Core ultra-low compressor speed of 12Hz
- New User-Friendly Remote Controller design
- 46° Freeze Protection
- Smart Kit Included
- Turbo Mode
- TU1 Copper Tubes
- Self-Clean Function (Single-Zone only)
- Eco Mode (single zone only)
- Follow Me Mode
- Timer On/Off
- Sleep Mode



#### CONTROL OPTIONS

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

DOWNLOAD THE  
COOPER&HUNTER  
REMOTE APP

IOS



ANDROID



**OLIVIA**  
WALL MOUNTED SINGLE & MULTI-ZONE MINI SPLITS

Your actual Inverter Heat Pump system and related devices may differ from images shown in this specification sheet. Test conditions are based on AHRI 210/240. Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change specifications or designs at any time without incurring obligations.

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#### ALL OUTDOOR UNITS INCLUDE:

**HIGH-FREQUENCY RACER TECHNOLOGY:** Enables the compressor to reach maximum speed within 6 seconds on start up

**ELECTRONIC EXPANSION VALVE:**  
Helps to manage the refrigerant flow

**INTELLIGENT DUSTING SWITCH:**  
Reverses the fan to clean dust, sand, and other debris from the coil

| 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"   |



TECHNICAL SUPPORT  
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**CH**  
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