

CH

Cooper & Hunter

OLIVIA

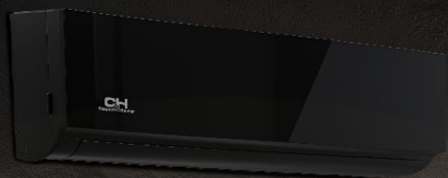
MIDNIGHT

WALL MOUNTED SINGLE & MULTI-ZONE MINI SPLITS

UP TO 26.0 SEER2



SMART KIT INCLUDED



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OUTDOOR

			HYPER				REGULAR					
Outdoor Model			CH-RHP09-230VO	CH-RHP12-230VO	CH-RHP18-230VO	CH-RHP24-230VO	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	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	103.5-126.5	187-253	187-253	187-253	187-253	
Cooling	Capacity Min~Max	Btu/h	3,600~13,500	3,600~13,500	8,400~20,200	16,800~24,500	3,100~10,900	2,600~13,000	2,600~13,700	3,600~20,000	9,700~27,000	
	Rated Current	A	4.0	4.1	9.0	8.4	10.0	4.6	4.5	6.0	8.0	
	EER2		15.0	13.2	13.0	12.5	12.5	14.7	12.2	13.5	13.0	
	SEER2		26.0	24.0	21.7	22.3	23.2	24.6	23.1	24.0	23.5	
Heating at 47°F	Capacity Min~Max	Btu/h	3,800~16,000	3,800~16,000	10,300~23,000	11,800~28,100	45,00~12,800	4,200~14,200	4,100~14,400	7,600~22,000	11,300~32,700	
	Rated current	A	4.3	4.3	9.5	11.2	10.3	3.6	4.3	6.2	10.4	
	COP	W/W	3.63	3.63	3.54	3.05	3.70	3.66	3.69	3.81	3.08	
	HSPF4		12.5	10.5	10.8	13.3	10.4	13.0	11.5	11.1	10.0	
	HSPF5		10.1	8.0	8.8	9.6	7.6	9.5	8.5	8.3	7.7	
Heating at 17°F (AHRI)	Rated capacity	Btu/h	12,800	12,800	19,800	24,400	10,200	8,900	9,900	14,500	21,300	
Minimum Circuit Ampacity		A	15	15	19	24.9	18	12	12	18	24	
Max.Fuse (Outdoor Unit)		A	15	15	20	25	20	15	15	20	25	
Outdoor Air Flow (Max.)		CFM	1,470.6	1,470.6	1,764.7	2,235.3	1,235.3	1,235.3	1,235.3	1,764.7	2,235.3	
Outdoor Noise Level (Sound Pressure)		dB(A)	56.0	56.0	59.0	61.0	53.0	52.5	54.0	59.0	60.0	
Dimension (WxDxH)		inch	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	35.04x13.46x26.50	37.24x16.14x31.89	
Packing (WxDxH)		inch	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	39.17x15.67x29.13	42.91x19.69x34.84	
Net/Gross Weight		lbs.	72.75/78.70	72.75/78.70	99.87/107.80	130.29/141.31	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/35.27	R454B/35.27	R454B/55.38	R454B/63.49	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	
Additional Charge for Each ft.		oz/ft	0.16	0.16	0.16	0.32	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	
Refrigerant Piping Liquid Side/Gas Side		inch	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" / 1/2"	3/8" / 5/8"	
Max. Pipe Length		ft.	82	82	98.4	164	82	82	82	98.4	164	
Max. Difference in Level		ft.	49.2	49.2	65.6	82	49.2	49.2	49.2	65.6	82	
Ambient Temperature	Cooling	°F	-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	-13~75	-13~75	-13~75	-13~75	-13~75	
Certifications	ETL		✓	✓	✓	✓	✓	✓	✓	✓	✓	
	AHRI		✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Energy Star for Cold Climate		✓	✓	✓	✓	✓	✓	✓	✓	✓	
	NEEP		✓	✓	✓	✓	✓	✓	✓	✓	✓	

9K-36K Btu/h

- Auto-Swing for horizontal louvers
- Genius Core ultra-low compressor speed of 12Hz
- New User-Friendly Remote Controller design
- Freeze Protection Function(46F heating)**
- Smart Kit Included
- Turbo Mode
- Silent Mode*
- TU1 Copper Tubes
- Self-Cleaning function*
- Eco Mode*
- Follow Me Mode
- Timer On/Off
- Sleep Mode

*Only functional on Single-Zone Systems

**FP Function only available on Hyper/Single Systems



CONTROL OPTIONS

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



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

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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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