

CH

Cooper & Hunter

OLIVIA

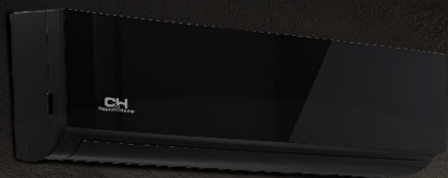
MIDNIGHT

WALL MOUNTED SINGLE & MULTI-ZONE MINI SPLITS

UP TO 26.0 SEER2



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INCLUDED



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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/ \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 / /
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" / 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
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
	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
	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	ETL		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	AHRI		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Energy Star for Cold 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)

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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