

UP TO 26.4 SEER2



ALL MODELS
CAN BE CONTROLLED WITH
INCLUDED REMOTE OR WITH
C&H REMOTE APP



LIMITED
WARRANTY
7 YEARS
COMPRESSOR
5 YEARS
PARTS



HYPER

REGULAR

Model-Indoor			CH-B06MOLVWM-230VI	CH-B09MOLVWM-230VI	CH-B12MOLVWM-230VI	CH-B18MOLVWM-230VI	CH-B24MOLVWM-230VI	CH-B09OLVWM-115VI	CH-B12OLVWM-115VI	CH-B09MOLVWM-230VI	CH-B12MOLVWM-230VI	CH-B18MOLVWM-230VI	CH-B24MOLVWM-230VI
Model-Outdoor			CH-HPR06F9-230VO	CH-HPR09-230VO	CH-HPR12-230VO	CH-HPR18-230VO	CH-HPR24-230VO	CH-ES09-115VO	CH-ES12-115VO	CH-ES09-230VO	CH-ES12-230VO	CH-ES18-230VO	CH-ES24-230VO
Power supply		V-Ph-Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	115V,1Ph,60Hz	115V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Power supply		Voltage range	V	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	Capacity (range)	Btu/hr	6,000 (2,500-11,800)	9,000 (3,700-13,300)	12,000 (3,700-13,300)	18,000 (8,400-20,200)	23,000 (4,650-26,600)	9000 (3,930-13,200)	12,000 (3,930-13,200)	9,000 (2,500-11,900)	12,000 (3,600-13,300)	18,000 (7,320-19,500)	24,000 (9,200-25,000)
	Input	W	408(155-985)	569(200-1,160)	923(200-1,150)	1,385(360-1860)	1,840(484-2540)	670(80-950)	960(80-950)	612(155-985)	930(198-1200)	1,333(560-1748)	1,846(370-1550)
	Current	A	3.55(0.67-4.28)	2.5(0.9-5.1)	2.5(0.86-5)	8.9(2.5-9)	8.25(2.1-11)	5.8(1-10.2)	8.3(1-10.2)	2.66(0.67-4.28)	4.05(0.86-5.21)	5.94(2.4-8)	8.02(2.4-6.8)
	EER	Btu/hr/W	15	15.8	13	13	12.5	12.5	14.7	13	13.5	13	13
	SEER2	Btu/hr/W	23.5	26.4	23.1	22	22.3	22.7	24	23.1	24	21	21
Heating	Capacity (range)	Btu/hr	7,000 (3,400-11,230)	12,000 (5,100-14,300)	12,000 (5,100-14,300)	18,000 (6,000-23,000)	26,000 (9,550-27,000)	10,000 (5,000-12,600)	12,000 (5,000-12,600)	10,000 (3,400-13,000)	12,000 (4,500-13,500)	18,000 (6,620-21,200)	26,000 (10,350-26,410)
	Input	W	546 (198-1,500)	902 (350-1,400)	978(350-1,400)	1,575 (815-2170)	2,540 (810-3,090)	750 (290-1,200)	1,000 (290-1,200)	800 (198-1,500)	1,035 (278-1,400)	1410(460-1964)	2420(560-2240)
	Current	A	4.75(-/-)	4.0 (1.6-6.5)	4.25 (1.5-6.0)	9.2 (5.3-9.5)	11.38 (3.5-13.4)	6.5 (3.3-12.9)	8.7 (3.3-12.9)	3.48 (1.64-5.25)	4.5 (1.2-6.08)	6.31(2.5-9)	10.35(3.6-9.8)
	COP	W/W	3.76	3.9	3.6	3.35	3	3.91	3.52	3.66	3.4	3.74	3.15
	HSPF4	Btu/hr/W	12	11.6	10.5	10.6	10.3	9.8	10.4	11.6	10.8	10.5	8.5
Heating(H42) 5F	Rated capacity	Btu/hr	7,100	11,000	11,000	17,200	23,000	6,700	6,700	7,500	8,400	12,800	TBD
	COP	W/W	1.84	1.85	1.88	1.89	1.8	2.06	2.06	2.25	2.41	2.44	TBD
	capability ratio	%	101.43	92.5	90	95.56	89.23	2.06	2.06	2.25	2.41	2.44	1.9
Moisture removal		L/h	0.35	0.4	1.45	1.35	2.43	0.81	1.35	1.249	1.34	1.55	2.57
MINIMUM CIRCUIT AMPACITY(Indoor)		A	3	3	3	3	3	3	3	3	3	3	3
MAX.FUSE(Indoor)		A	15	15	15	15	15	15	15	15	15	15	15
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	13	15	15	20	25	19	19	13	13	19	23
MAX.FUSE(Outdoor)		A	15	15	15	25	35	25	25	15	15	30	30
Indoor air flow (Turbo/Hi/Mi/Lo)		CFM	294/2476/1767/141	341/291/194/152	341/291/194/152	760/530/458/382	760/601/458/382	341/300/241/176	341/300/241/176	3418/291/194/152	341/291/194/152	760/530/458/382	760/601/458/382
Indoor noise level (Hi/Mi/Lo)		dB(A)	38.5/33/20.5	40/35/23.5	41.5/36/24	46/40/25	46.5/44/35	41.5/36/24	41.5/36/24	40/34/23.5	42/36/25	45.5/41/24.5	48/40/28
Indoor unit		Dimension(W*D*H)	inch	28.70x7.95x11.50	31.73x7.91x11.65	31.73x7.91x11.65	42.60x9.06x13.27	42.60x9.06x13.27	31.73x7.91x11.65	31.73x7.91x11.65	31.73x7.91x11.65	31.73x7.91x11.65	42.60x9.06x13.27
Outdoor air flow		CFM	1,294.12	1,323.53	1,323.53	1,764.71	2,235.29	794.12	794.12	1,294.12	1,294.12	2,058.82	2,235.29
Outdoor noise level		dB(A)	53.5	55.5	56	58	62.5	54	54	53	54.5	58.8	62
Outdoor unit	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	lb	63.71/69.00	74.07/80.25	73.63/79.37	100.97/108.03	134.48/144.40	66.80/72.31	66.80/72.31	63.71/69.00	63.71/69.00	94.36/100.97	124.78/134.92
Refrigerant type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		oz	38.10	41.62	41.62	65.26	0.32	39.51	39.51	38.10	38.10	56.44	82.89
Additional charge for each ft		oz/ft	0.16	0.16	0.16	0.16	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	550/341	550/340	550/340	550/340	550/340	550/340	550/340
Refrigerant piping		inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"	1/4"/1/2"	1/4"/1/2"	1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"
	Max. refrigerant pipe length	ft	82.02	82.02	82.02	98.42	164.04	82.02	82.02	82.02	82.02	98.42	164.04
	Max. difference in level	ft	32.81	32.81	32.81	65.62	25	32.81	32.81	32.81	32.81	65.62	82.02
Ambient Temperature	Indoor(heating)	°F	60-90	60-90	60-90	60-90	60-91	60-90	60-90	60-90	60-90	60-90	60-90
	Indoor(heating)	°F	32-86	32-86	32-86	32-86	32-87	32-86	32-86	32-86	32-86	32-86	32-86
	Outdoor(cooling)	°F	-22-122	-22-122	-22-122	-22-122	-22-123	-13-122	-13-122	-13-122	-13-122	-13-122	-13-122
	Outdoor(cooling)	°F	-22-75	-22-75	-22-75	-22-75	-22-76	-13-75	-13-75	-13-75	-13-75	-13-75	-13-75





CONTROL OPTIONS

- Smart Kit Ready
- Downloadable C&H app
- Remote control included

6K-24K Btu/h

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

ALL OUTDOOR UNITS INCLUDE:

HIGH-FREQUENCY RACER TECHNOLOGY:

Enables the compressor to reach maximum speed within 6 seconds on start up

HIGH-EFFICIENCY PIPES:

54 teeth to increase heat exchange

INTELLIGENT DUSTING SWITCH:

Reverses the fan to clean dust, sand, and other debris from the coil



OLIVIA
MIDNIGHT

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

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SCAN HERE FOR OLIVIA MIDNIGHT MODELS



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ADDICTED TO COMFORT