

LIMITED
WARRANTY
7 YEARS
COMPRESSOR
5 YEARS
PARTS

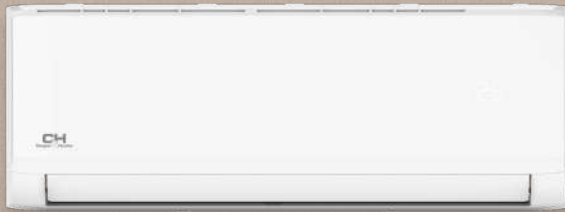
UP TO 26.4 SEER





INDOOR	Indoor model			CH-06MOLVWM-230VI	CH-09MOLVWM-230VI	CH-12MOLVWM-230VI	CH-18MOLVWM-230VI	CH-24MOLVWM-230VI	CH-06OLVWM-115VI	CH-09OLVWM-115VI	CH-12OLVWM-115VI	CH-09MOLVWM-230VI	CH-12MOLVWM-230VI	CH-18MOLVWM-230VI	CH-24MOLVWM-230VI	CH-30ELVWM-230VI	CH-30ELVWM-230VI	CH-30ELSPHWM-230VI	CH-36ELSPHWM-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	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	208/230, 1, 60	208/230, 1, 60
		Rated Capacity	Btu/h	6,000	9,000	12,000	18,000	24,000	7,000	9,000	12,000	9,000	12,000	18,000	24,000	30,000	36,000	30,000	36,000
	Minimum Circuit Ampacity (MCA)		A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Max. Fuse		A	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	Indoor air flow (Hi/Mi/Lo)		CFM	294/247/176/141	341/291/194/152	341/291/194/152	760/530/458/382	760/601/458/382	341/300/241/176	341/300/241/176	341/300/241/176	291.18/194.12/152.94	341/291/194/152	760/530/458/382	760/601/458/382	740/701/535/380	794/652/447/329	794/617/470	732/517/400
	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	41.5/36/24	40/34/23.5	42/36/25	45.5/41/24.5	48/40/28	49.5/43.5/39.5	54/45/40	51.5/47.5/44	56.5/54.5/40
Indoor	Dimension (W*D*H)	inch	28.70x7.87x11.50	31.57x7.87x11.61	31.57x7.87x11.61	42.64x9.61x13.23	42.60x9.21x13.27	30.12x11.93x21.85	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	49.57x11.10x14.25	49.57x11.10x14.25
	Packing (W*D*H)	inch	31.10x10.63x14.76	34.45x11.22x14.96	34.45x11.22x14.96	45.47x16.34x12.40	45.47x16.34x12.40	31.57x7.87x11.61	34.45x11.22x14.96	34.45x11.22x14.96	34.45x11.22x14.96	34.45x11.22x14.96	34.45x11.22x14.96	45.47x16.34x12.40	45.47x16.34x12.40	52.76x17.72x15.16	52.76x17.72x15.16	52.76x17.72x15.16	52.76x17.72x15.16
	Net/Gross weight	lbs.	17.64/22.49	18.96/24.25	18.74/24.25	29.54/37.48	29.98/38.14	18.96/24.47	18.96/24.47	18.96/24.47	18.96/24.47	18.96/24.25	18.74/24.25	29.54/37.48	29.98/38.14	42.99/55.56	42.77/55.56	37.48/50.49	40.34/52.69
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	63 ~ 90	63 ~ 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	32 ~ 86

OUTDOOR				HYPER					REGULAR					ENTRY LEVEL																					
	Series			HPR Series		HPR Series	HPR Series	HPR Series	HPR Series	ES Series		ES Series	ES Series	ES Series	ES Series	ES-Series	EL Series		EL Series	EL Series	EL Series														
	Outdoor model			CH-HPR06F9-230VO		CH-HPR09-230VO	CH-HPR12-230VO	CH-HPR18-230VO	CH-HPR24-230VO	CH-060LVWM-115VO		CH-ES09-115VO	CH-ES12-115VO	CH-ES09-230VO	CH-ES12-230VO	CH-ES18-230VO	CH-ES24-230VO	CH-EL30-230VO		CH-EL36-230VO	CH-EL30-230VO	CH-EL36-230VO													
	Power Supply	Rated Capacity (range)	Btu/h	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)		6000(3930~13200)		9,000 (3,930~13,200)		12,000 (3,930~13,200)		9,000 (2,500~11,900)		12,000 (3,600~13,300)		18,000 (1,980~19,500)		24,000 (9,200~25,000)		30,000 (7,200~31,600)		36,000 (8,300~37,500)		30,000 (7,200~31,600)		36,000 (8,900~36,300)	
	Cooling	Rated current	A	3.55		2.5		2.5		8.9		8.25		8.3		8.3		8.3		2.66		4.05		5.94		8.02		12.4		16.8		12.4		18.4	
		EER	Btu/w	15		15.8		13		13		12.5		13.8		13.8		12.5		14.7		13		13.5		13		10.5		8.5		10.5		8.5	
		SEER	Btu/w	23.5		26.4		23.1		22		22.3		23		23		22.7		24		23.1		24		21		18.6		17.5		18.6		17.5	
	Heating at 47°F	Rated Capacity (range)	Btu/h	7,000 (3,400~11,230)		12,000 (5,100~14,300)		12,000 (5,100~14,300)		18,000 (12,000~23,000)		26,000 (9,550~27,000)		7,000 (5,000~12,600)		9,200 (5,000~12,600)		12,000 (5,000~12,600)		10,000 (3,400~13,000)		12,000 (4,500~13,500)		18000(6620~21200)		26,000 (10,350~26,410)		30,000 (11,700~32,000)		36,000 (10,900~37,360)		30,000 (10,600~32,500)		36,000 (11,400~37,800)	
		Rated current	A	3.76		4		4.25		9.2		11.38		3.8		8.7		8.7		3.48		4.5		6.31		10.35		12.46		16.8		14.2		18.9	
		COP	W/W	3.76		3.9		3.6		3.35		3		3.91		3.91		3.52		3.66		3.4		3.74		3.15		3.2		2.78		2.71		2.47	
HSPF4			12		11.6		10.5		10.6		10.3		9.8		9.8		10.4		11.6		10.8		10.5		8.5		8.2		6.1		9.5		12		
HSPF5			10		8.5		8		7.9		7.7		7.6		7.6		7.6		8.8		8		7.9		6.3		6.8		6.8		7.7		8.0		
Heating at 17°F (AHRI)	Rated capacity	Btu/h	9,200		12,000		12,000		19,000		23,000		7,000		8,200		8,200		9,500		12,000		18,000		19,960		17,100		25,000		18400		17,500		
Heating at 5°F (AHRI)	Rated capacity	Btu/h	8,100		10,000		10,000		18,000		23,000		12,000		6,858		6,858		8,300		9,500		11,300		17,600		15,800		20,000		16,600		19,500		
	COP	W/W	2.1		1.8		1.8		1.78		1.75		1.51		2		2		1.85		1.8		2.23		2.04		2.71		2.47		1.7		1.83		
Minimum circuit ampacity (Outdoor unit)		A	13		15		15		16		25		3		20		19		13		13		17		22		23		28		23		28		
Max.fuse (Outdoor unit)		A	15		15		15		25		35		15		30		25		15		15		25		30		30		35		30		35		
Outdoor air flow (Max.)		CFM	1,294		1,324		1,324		1,765		2,235		794		1,294.12		794		1,294		1,294		1,765		2,235		2,235		2,235		2,235		2,235		
Outdoor noise level (Sound pressure)		dB(A)	53		54.5		56		59		62		54		55		54		53		53.5		58		60		61.5		61.5		61.5		61.5		
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		30.12x11.93x21.85		35.04x13.46x26.50		37.24x16.14x31.89		37.24x16.14x31.89		37.24x16.14x31.89		37.24x16.14x31.89		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		34.92x13.27x24.02		39.17x15.67x29.13		42.91x19.69x34.84		42.91x19.69x34.84		42.91x19.69x34.84		42.91x19.69x34.84		42.91x19.69x34.84		
Net/Gross weight		lbs	63.71x69		74.07/80.25		73.63/79.37		100.97/108.03		134.48/144.40		66.80/72.31		57.76/63.49		66.80/72.31		63.71/69.00		63.71/69.00		95.02/101.85		124.78/134.92		141.76/151.90		150.13/158.95		141.76/151.90		150.13/158.95		
Refrigerant Type/Charged		oz	R410A/38.1		R410A/41.62		R410A/41.62		R410A/65.2		R410A/91.7		R410A/39.51		R410A/25.4		R410A/39.5		R410A/38.1		R410A/38.1		R410A/56.44		R410A/82.89		R410A/97		R410A/119.9		R410A/97		R410A/119.9		
Refrigerant precharge		ft	25		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		0.16		0.16		0.16		0.16		0.16		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		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"		1/4" / 1/2"		3/8" / 5/8"		1/4" / 1/2"		1/4" / 1/2"		1/4" / 1/2"		1/4" / 3/8"		1/4" / 1/2"		1/4" / 1/2"		3/8" / 5/8"		3/8" / 5/8"		3/8" / 5/8"		3/8" / 5/8"		3/8" / 5/8"		
Max. pipe length		Ft	82		82		82		98		164		82		82		82		82		82		98		164		164		213		164		213		
Max. difference in level		Ft	32.8		32.8		32.8		66		82		32.8		32.8		32.8		32.8		32.8		66		82		82		98		82		98		
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		5~122		5~122		5~122		5~122		
	Heating	F	-22~75		-22~86		-22~86		-22~86		-22~86		-13~75		-13~75		-13~75		-13~75		-13~75		-13~75		-13~75		-13~75		5~86		5~86		5~86		



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
- WiFi Ready
- Turbo Mode
- Self-Clean Function (single zone only)
- Eco Mode (single zone only)
- Follow Me Mode
- Timer On/Off
- Sleep Mode



CONTROL OPTIONS

- WIFI Ready
- Downloadable C&H app
- Remote control included

OLIVIA



CH-30ELVWM-230VI
CH-36ELVWM-230VI



CH-30ELSPHWM-230VI
CH-36ELSPHWM-230VI

*Different indoor panel options for 30K-36K units

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



TECHNICAL SUPPORT
cooperandhunter.us | 786-953-6706

OLIVIA

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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ADDICTED TO COMFORT