



ASTORIA

SINGLE & MULTI ZONE WALL MOUNTED MINI SPLITS

LIMITED
WARRANTY
7 YEARS
COMPRESSOR
5 YEARS
PARTS

UP TO 28.1 SEER

 WIFI Included



cooperandhunter.us | TECHNICAL SUPPORT
786-953-6706





ALL OUTDOOR UNITS INCLUDE:

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

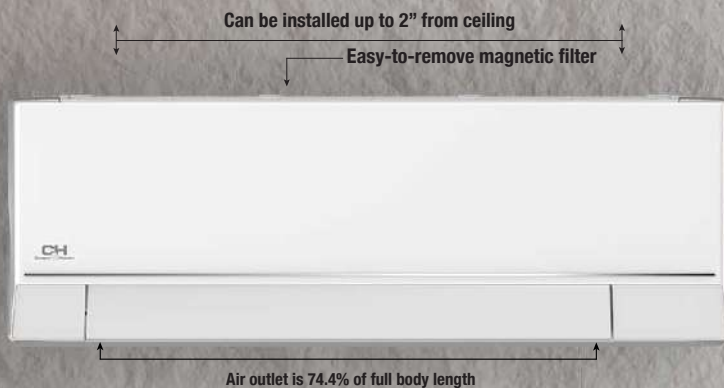
HIGH-EFFICIENCY PIPES:
54 teeth to increase heat exchan

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



INDOOR	Indoor model			CH-06MASTWM-230VI	CH-09MASTWM-230VI	CH-12MASTWM-230VI	CH-18MASTWM-230VI	CH-24MASTWM-230VI	CH-09MASTWM-230VI	CH-12MASTWM-230VI	CH-18MASTWM-230VI	CH-24MASTWM-230VI	CH-30ASTWM-230VI	CH-36ASTWM-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	208/230,1, 60	208/230,1, 60	208/230,1, 60	208/230,1, 60	208/230, 1, 60
	Cooling	Rated Capacity	Btu/h	6,000	9,000	12,000	18,000	24,000	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
	Max. Fuse		A	15	15	15	15	15	15	15	15	15	15	15
	Indoor air flow (Hi/Mi/Lo)		CFM	317.65/217.65/167.65	335.29/229.41/176.47	335.29/229.41/176.47	523.53/376.47/305.88	611.18/414.12/318.82	335.29/229.41/176.47	335.29/229.41/176.47	523.53/376.47/305.88	611.18/414.12/318.82	646.47/505.29/382.35	639.41/505.88/382.35
	Indoor noise level (Hi/Mi/Lo)		dB(A)	36/32/23	38/34/23	36/33.5/22.5	46.5/43/32.5	44/39.5/34	33.5/23.5/23	38/33.5/22.5	46/42/24	46/39/44	46/40.5/33	47.5/42/35.5
	Indoor	Dimension (W*D*H)	inch	31.30x8.86x11.61	31.30x8.86x11.61	31.30x8.86x11.61	37.99x9.41x12.56	44.88x10.83x14.57	31.30x8.86x11.61	31.30x8.86x11.61	37.99x9.41x12.56	44.88x10.83x14.57	44.88x10.83x14.57	44.88x10.83x14.57
		Packing (W*D*H)	inch	34.25x14.57x12.01	34.25x14.57x12.01	34.25x14.57x12.01	41.14x15.75x12.80	48.43x17.91x13.98	34.25x14.57x12.01	34.25x14.57x12.01	41.14x15.75x12.80	48.43x17.91x13.98	48.43x17.91x13.98	48.43x17.91x13.98
		Net/Gross weight	lbs.	22.71/28.88	22.71/28.88	22.93/28.88	27.12/35.71	43.65/54.89	22.71/28.88	22.93/28.88	27.12/35.71	43.65/54.89	43.65/54.89	43.65/54.89
Room Temperature	Cooling	F	60 ~ 90	60 ~ 86	60 ~ 86	603 ~ 90	60 ~ 90	60 ~ 90	60 ~ 90	60 ~ 90	60 ~ 90	60 ~ 90	60 ~ 90	60 ~ 90
	Heating	F	32 ~ 86	32 ~ 81	32 ~ 81	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" / 1/2"	1/4" / 1/2"	3/8" / 5/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"

			HYPER					REGULAR				ENTRY LEVEL													
OUTDOOR	Series			HPR Series		HPR Series		HPR Series		HPR Series		HPR Series		ES-Series		ES-Series		ES-Series		ES-Series		EL Series		EL Series	
	Outdoor model			CH-HPR06F9-230VO		CH-HPR09-230VO		CH-HPR12-230VO		CH-HPR18-230VO		CH-HPR24-230VO		CH-ES09-230VO		CH-ES12-230VO		CH-ES18-230VO		CH-ES24-230VO		CH-EL30-230VO		CH-EL36-230VO	
	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		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		187-253		187-253		187-253		187-253		187-253	
	Cooling	Rated Capacity (range)	Btu/h	6,000 (3,400~12,000)		9,000 (3,300~14,300)		12,000 (3,300~14,300)		18,000 (8,870~19,400)		24,000 (6,850~27,000)		9,000 (2,500~11,900)		12,000 (3,600~13,300)		18,000 (2,000~19,300)		24,000 (9,200~26,800)		30,000 (9,070~30,700)		36,000 (9,300~38,800)	
		Rated current	A	3.3		2.5		3.72		6.3		8.1		2.61		3.82		6.45		8		11.4		18.5	
		EER	Btu/h	15.8		16.2		14		12.5		13		15		13.7		12.5		14		11.5		8.5	
		SEER	Btu/h	26.5		28.1		25.5		21.5		21.5		25.5		24.6		23.5		22		20		20	
	Heating at 47°F	Rated Capacity (range)	Btu/h	7,000 (3,300~11,500)		11,800 (5,000~15,200)		12,000 (5,000~15,300)		18,000 (15,100~19,500)		29,000 (11,900~31,000)		10000 (3400~13000)		12000 (4500~13500)		19,000 (6,200~21,000)		25,000 (10,350~27,000)		30,000 (8,600~34,800)		36,000 (11,570~37,000)	
		Rated current	A	3.92		4.10		4.10		7.30		10.90		3.23		4.10		7.40		8.70		14.70		18.30	
COP		W/W	3.92		3.81		3.88		3.1		3.4		3.95		3.72		3.37		3.75		2.6		2.51		
HSPF4			13.6		11.5		10.4		11.3		11.4		12.3		10.7		10.8		10		9.2		8		
HSPF5			10		9		8		8.3		9.2		9.2		8.1		7.8		7.2		7.1		6.4		
Heating at 17°F (AHRI)	Rated capacity	Btu/h	9,000		12,000		12,000		20,270		19,800		9,500		10,000		15,600		16,500		19,000		22,500		
Heating at 5°F (-15°C)	Rated capacity	Btu/h	7,500		10,500		12,000		18,000		25,400		8,300		9,500		12,200		15,800		17,200		20,400		
	COP	W/W	2.2		1.80		1.75		1.78		1.75		1.85		1.80		2.20		1.90		1.75		1.75		
Minimum Circuit Ampacity (Outdoor unit)		A	13		15		15		16		25		13		13		17		22		23		28		
Max.Fuse (Outdoor unit)		A	15		15		15		25		35		15		15		25		30		30		35		
Outdoor air flow (Max.)		CFM	1294		1324		1324		1765		2235		1294		1294		1765		2235		2235		2235		
Outdoor noise level (Sound pressure)		dB(A)	53		54.50		56		59		62		53		53.50		58		60		61.50		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		35.04x13.46x26.50		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		39.17x15.67x29.13		42.91x19.69x34.84		42.91x19.69x34.84		42.91x19.69x34.84		
Net/Gross weight		lbs.	63.71/69		74.07/80.25		73.63/79.37		100.97/108.03		134.48/144.40		63.71/69		63.71/69		95.02/101.85		124.78/134.92		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/38.1		R410A/38.1		R410A/56.44		R410A/82.89		R410A/97		R410A/119.9		
Refrigerant precharge		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		0.32		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		
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" / 3/8"		1/4" / 1/2"		1/4" / 1/2"		3/8" / 5/8"		3/8" / 5/8"		3/8" / 5/8"		
Max. pipe length		ft	82		82		82		98		164		82		82		98		164		164		213		
Max. difference in level		ft	32.8		32.8		32.8		66		82		32.8		32.8		66		82		82		98		
Ambient temperature	Cooling	°F	-22~122		-22~122		-22~122		-22~122		-22~122		-13~122		-13~122		-13~122		-13~122		5~122		5~122		
	Heating	°F	-22~75		-22~75		-22~75		-22~75		-22~75		-13~75		-13~75		-13~75		-13~75		5~75		5~75		
Certification	ETL		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		
	UL		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		
	AHRI		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		
	Energy Star												✓		✓		✓		✓						



6K, 9K, 12K, 18K, 24K, 30K, 36K Btu/h

- E-Box and PCB located in the front of the unit with a cover kickstand providing easy access
- Revolutionary design offers convenient disassembly & maintenance with an easy-to-remove fan blower
- Larger air inlet / outlet for improved air flow
- Auto-Swing for vertical and horizontal louvers
- New User-Friendly Remote Controller design
- Self-Clean Function (single zone only)
- Follow Me Mode
- Timer On/Off
- Eco Mode (single zone only)
- 46° Freeze Protection
- Turbo Mode
- Sleep Mode



CONTROL OPTIONS

- Compatible with C&H wall thermostat (Not included)
- WIFI included
- Downloadable C&H Remote app
- Remote control included

Note: 6K Btu/h single zone wall mount can only be paired with Hyper condenser



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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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