

LIMITED WARRANTY
7 YEARS COMPRESSOR
5 YEARS PARTS

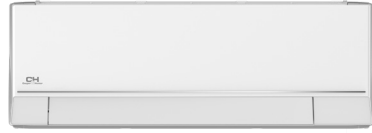
UP TO 28.1 SEER

WIFI Included





ASTORIA



WIFI Included

INDOOR			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
Indoor model													
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 (range)	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
	Heating	F	32 - 86	32 - 81	32 - 81	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

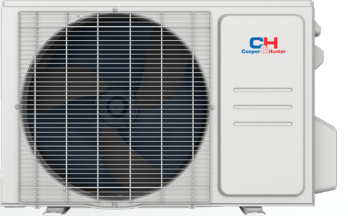
REGULAR

ENTRY LEVEL

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

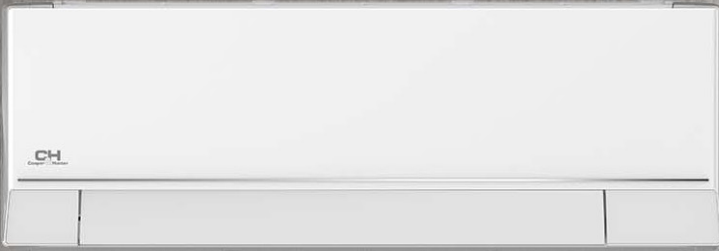


INTELLIGENT DUSTING SWITCH
Reverses the fan to clean dust, sand, and other debris from the coil



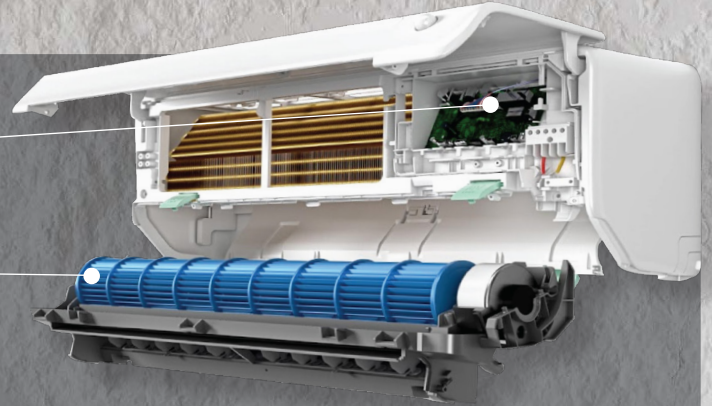
OUTDOOR			HPR Series	HPR Series	HPR Series	HPR Series	HPR Series	ES-Series	ES-Series	ES-Series	ES-Series	EL Series	EL Series
Series			CH-HPR06F9-230VO	CH-HPR09-230VO	CH-HPR12-230VO	CH-HPR18-230VO	CH-HPR24-230VO	CH-ES09-230VO	CH-ES12-230VO	CH-ES18-230VO	CH-ES24-230VO	CH-EL30-230VO	CH-EL36-230VO
Power 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	23.2	22.6	22	20	17.5
	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)
Heating at 47°F	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	3.10	3.40	3.95	3.72	3.37	3.75	2.60	2.51
	HSPF4		14	13	13	13	12	12.20	13.20	12	12	9.60	9
	HSPF5		11	11	10.5	11	10	10	11	10	10	8	7.4
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 (WxDxH)		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 (WxDxH)		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	-13-122	5-122
	Heating	°F	-22-75	-22-75	-22-75	-22-75	-22-75	-13-75	-13-75	-13-75	-13-75	-13-75	5-75
Certification	ETL		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	UL		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	AHRI		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Energy Star							✓	✓	✓	✓		





6K-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 any 24V wall thermostat *(Not included)*
- WIFI included
- Downloadable C&H app
- Remote control included

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



TECHNICAL SUPPORT
cooperandhunter.us | 786-953-6706

ASTORIA

SINGLE & MULTI ZONE WALL MOUNTED MINI SPLITS

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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