

LIMITED WARRANTY
7 YEARS COMPRESSOR
5 YEARS PARTS

UP TO 26.4 SEER2



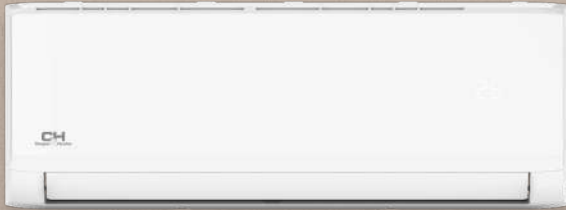
INDOOR

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	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	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	

HYPER
REGULAR
ENTRY LEVEL
OUTDOOR

Series			HPR Series	HPR Series	HPR Series	HPR Series	HPR Series	ES 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-06OLVWM-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
	SEER2	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	18,400	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 (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	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 (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	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	
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	5-86	5-86	5-86	5-86

OLIVIA



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



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

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

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

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



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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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