



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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SCAN HERE FOR OLIVIA MODELS



CH
Cooper & Hunter
ADDICTED TO COMFORT

CH
Cooper & Hunter
ADDICTED TO COMFORT

LIMITED
WARRANTY
7 YEARS
COMPRESSOR
5 YEARS
PARTS

UP TO 25.5 SEER



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

OLIVIA
SINGLE AND MULTI ZONE WALL MOUNTS



TECHNICAL SUPPORT
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INDOOR	Indoor model			CH-06MOLVWM-230VI	CH-09MOLVWM-230VI	CH-12MOLVWM-230VI	CH-18MOLVWM-230VI	CH-24MOLVWM-230VI	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	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	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
	Max. Fuse		A	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	Indoor air flow (Hi/Mi/Lo)		CFM	247.06/176.47/141.18	291.18/194.12/152.94	291.18/194.12/152.94	530.59/458.82/382.35	601.18/458.82/382.35	300/241.18/176.47	300/241.18/176.47	291.18/194.12/152.94	291.18/194.12/152.94	530.59/458.82/382.35	601.18/458.82/382.35	701.76/535.88/380.00	652.94/447.06/329.41	794.12/617.65/470.59	732.35/517.65/400
	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	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	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	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	18.96/24.25	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	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
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" / 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"

OUTDOOR	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-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)	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	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	12.5	14.7	13	13.5	13	12.2	9.5	10.5	8.5
		SEER	Btu/w	23.5	25.5	22	21.5	21.5	23	22	24	22.2	24	21	20	18	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)	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	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	3.52	3.52	3.66	3.4	3.74	3.15	3.2	2.78	2.71	2.47
		HSPF4		11	12.5	12.7	11	11.5	11	11.5	12.7	10.8	11.6	10	10	12	9.5	12
		HSPF5		8	10.5	10.8	9.2	9.7	9.8	9.8	10	9.1	9.4	8.5	7.7	9	7.7	8.0
Heating at 17°F (AHRI)	Rated capacity	Btu/h		9,200	12,000	12,000	19,000	23,000	8,200	8,200	9,500	12,000	18,000	19,960	17,100	25,000	18400	17,500
	Rated capacity	Btu/h		8,100	10,000	10,000	18,000	23,000	6,858	6,858	8,300	9,500	11,300	17,600	15,800	20,000	16,600	19,500
Heating at 5°F (AHRI)		COP	W/W	2.1	1.8	1.8	1.78	1.75	2	2	1.85	1.8	2.23	2.04	1.68	1.76	1.7	1.83
	Minimum circuit ampacity (Outdoor unit)		A	13	15	15	16	25	20	19	13	13	17	22	23	28	23	28
	Max.fuse (Outdoor unit)		A	15	15	15	25	35	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	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	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	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	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	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/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
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	0.32	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
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" / 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	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	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	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	5~86	5~86	5~86	5~86