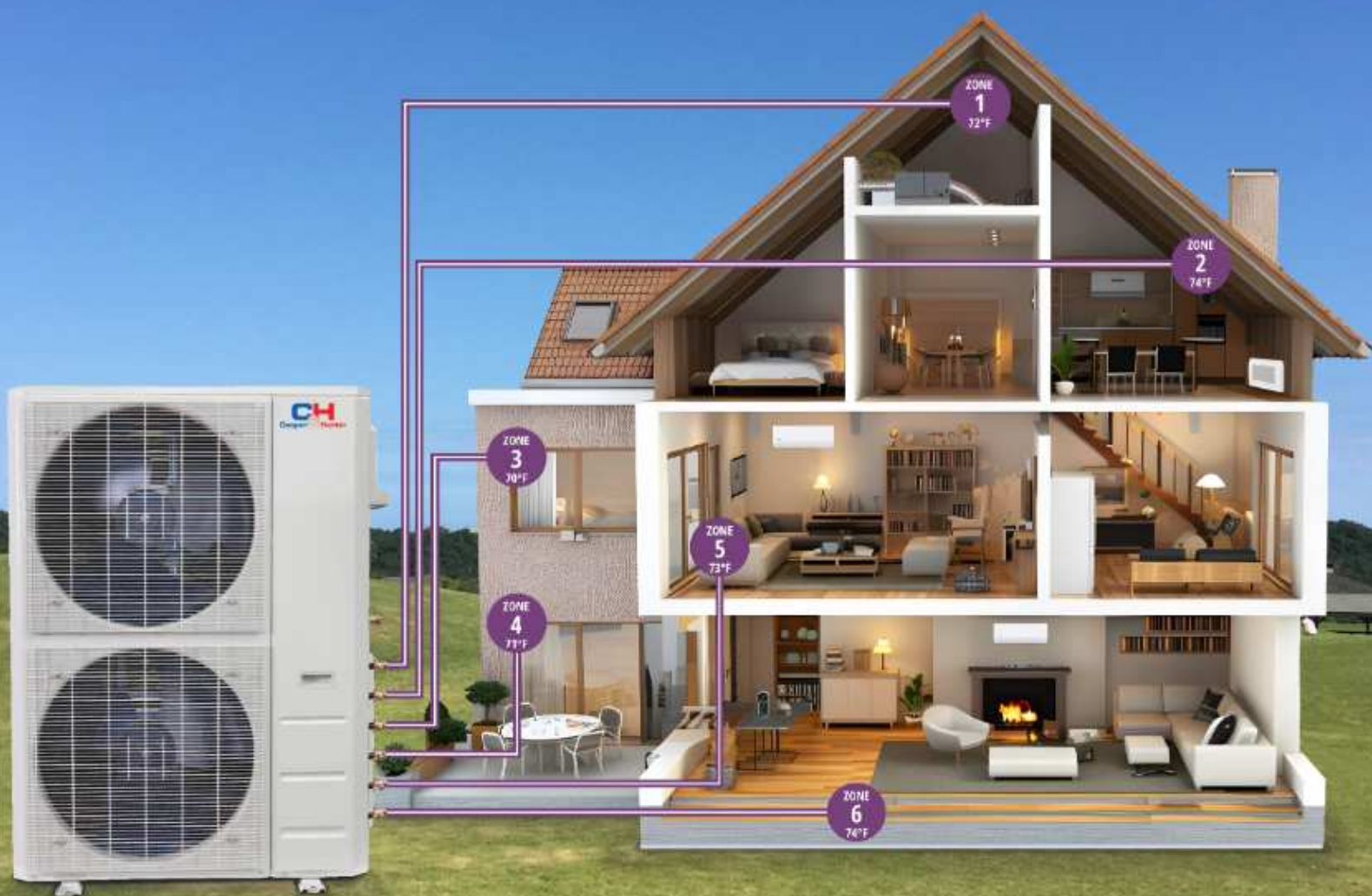


HYPER and REGULAR Series

UP TO 25 SEER2

UP TO 25.1 SEER2



The newest generation of outdoor units now provide a wide range of compatibility across Cooper&Hunter's vast product selection to better serve any project configuration.



cooperandhunter.us | TECHNICAL SUPPORT 786-953-6706





			WITHOUT SHUT-OFF VALVES					WITH SHUT-OFF VALVES				
			REGULAR						HYPER			
Outdoor Model			CH-R18MES-230V0	CH-R28MES-230V0	CH-R36MES-230V0	CH-R48MES-230V0	CH-R60MES-230V0	CH-RVHP19M-230V0	CH-RVHP28M-230V0	CH-RVHP36M-230V0	CH-RVHP48M-230V0	CH-RVHP55M-230V0
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
	Voltage Range	V	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	5,400-21,600	7,200-32,000	9,000-42,000	12,000-55,000	19,000-62,000	5,400-28,000	7,200-37,000	9,000-43,000	12,000-57,000	19,000-59,000
	Rated Current	A	6	9.2	13.5	16.6	26.2	5.6	9.5	12	17.3	18.5
	EER2	Btu/h	14	13	12	12.5	10	15	12.5	13	12	12
	SEER2	Btu/h	25.1	25	24	24	22	25	23	23	23	22.2
Heating at 47°F	Rated Capacity (range)	Btu/h	5,700-21,600	8,400-29,000	10,000-42,500	13,000-53,000	20,000-60,000	5,700-27,000	8,400-36,000	10,000-44,000	13,000-57,000	20,000-59,000
	Rated Current	A	6.8	9.2	14	16.3	21	6.5	9.1	11.5	17.3	20.1
	COP	W/W	3.8	3.8	3.5	3.8	3.7	4	3.8	4	3.7	3.5
	HSPF4		9.8	9.5	9.5	10.3	9.5	10.4	10.5	10.7	11	10.5
	HSPF5		7.8	7	7	8	7.4	8.5	8.5	8.5	9	8.5
Heating at 5°F	Rated Capacity	Btu/h	13,500	19,000	26,000	36,000	39,000	19,000	27,000	36,000	47,000	47,000
Minimum Circuit Ampacity (Outdoor unit)		A	16	23	30.5	40	40	17.5	30	37	37	39.5
Max. Fuse (Outdoor unit)		A	20	25	35	45	45	20	35	40	40	40
Outdoor Air Flow (Max)		CFM	1,765.8	2,130.7	2,148.4	4,502.8	4,502.8	2,130.7	2,148.4	3,037.2	4,502.8	4,502.8
Outdoor Noise Level (Sound Pressure)		dB(A)	59.5	61	64.5	63	65	61.5	61	65	65	65
Dimension (WxDxH)		inch	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48	37.24x16.14x31.89	37.24x16.14x31.89	38.58x16.34x38.39	37.48x16.34x52.48	37.48x16.34x52.48
Packing (WxDxH)		inch	40.55x17.24x29.53	42.91x19.68x34.84	42.91x19.68x34.84	43.11x19.49x58.27	43.11x19.49x58.27	42.91x19.68x34.84	42.91x19.68x34.84	45.08x19.68x42.52	43.11x19.49x58.27	43.11x19.49x58.27
Net/Gross Weight			100.53/109.35	138.89/149.69	168.87/180.12	222.00/254.19	237.88/270.28	137.35/148.15	168.43/179.67	211.86/244.71	246.47/276.68	246.47/276.68
Refrigerant Type/Charged		oz	R454B/61.73	R454B/84.66	R454B/120.63	R454B/148.15	R454B/151.68	R454B/78.31	R454B/120.63	R454B/134.04	R454B/151.68	R454B/151.68
Refrigerant Precharge		ft	75	100	125	150	150	75	100	125	150	150
Additional Charge for Each		oz/ft	0.16 / 0.32	0.16 / 0.32	0.16 / 0.32	0.16 / 0.32	0.16 / 0.32	0.16 / 0.32	0.16 / 0.32	0.16 / 0.32	0.16 / 0.32	0.16 / 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
Refrigerant Piping	Liquid Side	inch	3 x 1/4"	4 x 1/4"	5 x 1/4"	6 x 1/4"	6 x 1/4"	3 x 1/4"	4 x 1/4"	5 x 1/4"	6 x 1/4"	6 x 1/4"
	Gas Side	inch	3 x 3/8"	3 x 3/8" + 1 x 1/2"	4 x 3/8" + 1 x 1/2"	4 x 3/8" + 2 x 1/2"	4 x 3/8" + 2 x 1/2"	3 x 3/8"	3 x 3/8" + 1 x 1/2"	3 x 3/8" + 2 x 1/2"	4 x 3/8" + 2 x 1/2"	4 x 3/8" + 2 x 1/2"
Max. Pipe Length		ft	196.8	262.4	262.4	262.4	262.4	196.8	262.4	262.4	262.4	262.4
Max. Length for One Indoor Unit		ft	98.4	114.8	114.8	114.8	114.8	98.4	114.8	114.8	114.8	114.8
Max. Height Difference in Level		ft	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
Max. Height Difference Between Indoor Units		ft	33	33	33	33	33	33	33	33	33	33
Ambient Temperature	Cooling	°F	-13-122	-13-122	-13-122	-13-122	-13-122	-22-122	-22-122	-22-122	-22-122	-22-122
	Heating	°F	-13-75	-13-75	-13-75	-13-75	-13-75	-22-75	-22-75	-22-75	-22-75	-22-75
Certification	AHRI		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Energy Star for Cold Climate		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	NEEP		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ETL		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Please note: These values represent outdoor units combined with the Astoria Indoor Wall Mounted Mini-Split. Values will vary depending on the combination of indoor units used.

Only units with Refrigerant Sensors work with Shut-off Valves

REGULAR MULTI-ZONE
Heat Pump Outdoor Unit

The C&H Multi-Zone systems with inverter technology are some of today's most advanced ductless split heat pumps. Up to 6 indoor units can be connected to a single outdoor unit, reducing the number of outdoor units required. All indoor units can be individually controlled and do not need to be installed at the same time.



HYPER MULTI-ZONE
Heat Pump Outdoor Unit

With our modern heat pump technology, the Hyper Heat series offers dependable cooling with the capability to heat in ambient temperatures as low as -22°F, making it an excellent energy-efficient solution for colder climates.



SCAN here to access our Multi-Unit Combination Guide



REGULAR



HYPER



Indoor Model			CH-RH06MASTWM-230VI	CH-RH09MASTWM-230VI	CH-RH12MASTWM-230VI	CH-RH18MASTWM-230VI	CH-RH24MASTWM-230VI	CH-RH30MASTWM-230VI	CH-RH36MASTWM-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
Cooling	Rated Capacity (range)	Btu/h	6,000	9,000	12,000	18,000	24,000	30,000	36,000
Minimum Circuit Ampacity (MCA)		A	3	3	3	3	3	3	3
Max. Fuse		A	15	15	15	15	15	15	15
Indoor Air Flow (Turbo/HI/MI/Lo)		CFM	382.6/323.7/229.6/176.6 / 147.2	441.4/323.7/229.6/176.6 / 147.2	441.4/323.7/229.6/176.6 / 147.2	635.7/500.3/359.0/294.3 / /	812.3/618.0/412.0/317.8 / /	882.9/635.7/506.2/382.6 / /	882.9/635.7/506.2/382.6/323.7
Indoor Noise Level (HI/MI/Lo)		dB(A)	44.0/36.5/32.5/22.0/19.5	47.5/43/31/18/17	46/38/33.0/18.0/18	49/45/39/28/20	51.5/43.5/39.5/21.5/19	53.0/45.5/40/30.5/19.5	N/A/49/43.5/34.5/31.5
Indoor	Dimension (WxDxH)	inch	33.74x9.09x11.81	33.74x9.09x11.81	33.74x9.09x11.81	40.31x9.69x12.64	47.13x11.02x14.61	47.13x11.02x14.61	47.13x11.02x14.61
	Packing (WxDxH)	inch	36.22x12.20x14.57	36.22x12.20x14.57	36.22x12.20x14.57	43.11x12.80x15.75	50.39x14.17x17.91	50.39x14.17x17.91	50.39x14.17x17.91
	Net/Gross Weight	lbs.	22.93/29.32	23.37/29.98	22.93/29.32	27.34/36.60	43.65/55.56	43.21/54.67	43.21/54.67
Room Temperature	Cooling	F	60-90	60-90	60-90	60-90	60-90	60-90	60-90
	Heating	F	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" / 3/8"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"



Indoor Model			CH-PRO06MASTWM-230VI	CH-PRO09MASTWM-230VI	CH-PRO12MASTWM-230VI	CH-PRO18MASTWM-230VI	CH-PRO24MASTWM-230VI	CH-PRO30MASTWM-230VI	CH-PRO36MASTWM-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
Cooling	Rated Capacity (range)	Btu/h	6,000	9,000	12,000	18,000	24,000	30,000	36,000
Minimum Circuit Ampacity (MCA)		A	3	3	3	3	3	3	3
Max. Fuse		A	15	15	15	15	15	15	15
Indoor Air Flow (Turbo/HI/MI/Lo)		CFM	382.6/323.7/229.6/ 176.6/ 147.2	441.4/323.7/229.6/ 176.6 / 147.2	441.4/323.7/229.6/ 176.6 / 147.2	635.7/500.3/359.0/ 294.3 / /	812.3/618.0/412.0/ 317.8 / /	882.9/635.7/506.2/ 382.6 / /	882.9/635.7/506.2/ 382.6/323.7
Indoor Noise Level (HI/MI/Lo)		dB(A)	44.0/36.5/32.5/22.0/19.5	47.5/43/31/18/17	46/38/33.0/18.0/18	49/45/39/28/20	51.5/43.5/39.5/21.5/19	53.0/45.5/40/30.5/19.5	N/A/49/43.5/34.5/31.5
Indoor	Dimension (WxDxH)	inch	33.74x9.09x11.81	33.74x9.09x11.81	33.74x9.09x11.81	40.31x9.69x12.64	47.13x11.02x14.61	47.13x11.02x14.61	47.13x11.02x14.61
	Packing (WxDxH)	inch	36.22x12.20x14.57	36.22x12.20x14.57	36.22x12.20x14.57	43.11x12.80x15.75	50.39x14.17x17.91	50.39x14.17x17.91	50.39x14.17x17.91
	Net/Gross Weight	lbs.	22.93/29.32	23.37/29.98	22.93/29.32	27.34/36.60	43.65/55.56	43.21/54.67	43.21/54.67
Room Temperature	Cooling	F	60-90	60-90	60-90	60-90	60-90	60-90	60-90
	Heating	F	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" / 3/8"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"



Indoor Model			CH-R06MOLVWM-230VI	CH-R09MOLVWM-230VI	CH-R12MOLVWM-230VI	CH-R18MOLVWM-230VI	CH-R24MOLVWM-230VI	CH-R30MELVWM-230VI	CH-R36MELVWM-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
	Rated Capacity (range)	Btu/h	6,000	9,000	12,000	18,000	24,000	30,000	36,000
Minimum Circuit Ampacity (MCA)		A	3	3	3	3	3	3	3
Max. Fuse		A	15	15	15	15	15	15	15
Indoor Air Flow (Turbo/Hi/Mi/Lo)		CFM	294.3/235.4/176.6/141.3/N/A	382.6/294.3/194.2/153.0/ N/A	382.6/294.3/194.2/153.0/ /	759.3/500.3/441.4/370.8/ /	759.3/588.6/459.1/382.6/ /	871.1/647.5/447.3/329.6/ /	871.1/676.9/447.3/329.6/ /
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	42.0/37.0/32.0/24.0	45.5/42/36/21/19.5	46/43/37/20/19	54/45/40.0/26/20	54.0/48.5/43.5/27.5/20.5	56.5/52/45/36/22	57.0/51.0/45.0/33.5/27.5
Indoor	Dimension (WxDxH)	inch	28.70x7.87x11.50	31.57x7.87x11.61	31.57x7.87x11.61	42.64x9.61x13.23	42.60x9.21x13.27	49.57x11.14x14.25	49.57x11.14x14.25
	Packing (WxDxH)	inch	31.10x10.63x14.76	34.45x11.22x14.96	34.45x11.22x14.96	45.47x12.40x16.34	45.47x12.40x16.34	52.76x15.16x17.72	52.76x15.16x17.72
	Net/Gross Weight	lbs.	17.64/23.15	18.96/24.25	18.74/24.25	30.42/39.68	30.86/40.56	43.43/56.88	43.43/56.88
Room Temperature	Cooling	F	60 ~ 90	60 ~ 90	60 ~ 90	60 ~ 90	60 ~ 90	60 ~ 90	60 ~ 90
	Heating	F	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" / 3/8"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"



Indoor Model			CH-RB06MOLVWM-230VI	CH-RB09MOLVWM-230VI	CH-RB12MOLVWM-230VI	CH-RB18MOLVWM-230VI	CH-RB24MOLVWM-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
	Rated Capacity (range)	Btu/h	6,000	9,000	12,000	18,000	24,000
Minimum Circuit Ampacity (MCA)		A	3	3	3	3	3
Max. Fuse		A	15	15	15	15	15
Indoor Air Flow (Turbo/Hi/Mi/Lo)		CFM	294.3/235.4/176.6/141.3/1A	382.6/294.3/194.2/153.0/ N/A	382.6/294.3/194.2/153.0/ /	759.3/500.3/441.4/370.8/ /	759.3/588.6/459.1/382.6/ /
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	42/37/32/24/20	45.5/42/36/21/19.5	46/43/37/20/19	54/45/40.0/26/20	54.0/48.5/43.5/27.5/20.5
Indoor	Dimension (WxDxH)	inch	28.70x7.87x11.50	31.57x7.87x11.61	31.57x7.87x11.61	42.64x9.61x13.23	42.60x9.21x13.27
	Packing (WxDxH)	inch	31.10x10.63x14.76	34.45x11.22x14.96	34.45x11.22x14.96	45.47x12.40x16.34	45.47x12.40x16.34
	Net/Gross Weight	lbs.	17.64/23.15	18.96/24.25	18.74/24.25	30.42/39.68	30.86/40.56
Room Temperature	Cooling	F	60 – 90	60 – 90	60 – 90	60 – 90	60 – 90
	Heating	F	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" / 3/8"	1/4" / 1/2"	3/8" / 5/8"



- Smart Kit Built In with Downloadable C&H app
- Remote Control Included
- Wall Thermostat (Purchased Separately)

MINI FLOOR CONSOLE



UNIVERSAL FLOOR CEILING



Indoor Model			CH-RSH09MMC	CH-RSH12MMC	CH-RSH16MMC
Power Supply	Rated	V, Ph, Hz	208/230,1, 60	208/230,1, 60	208/230,1, 60
Rated Capacity	Cooling	Btu/h	9,000	12,000	16,000
	Heating	Btu/h	9,000	12,000	17,000
Minimum Circuit Ampacity (MCA)		A	3	3	3
Max. Fuse		A	15	15	15
Indoor Air Flow (Turbo/Hi/Mi/La/Si)		CFM	441.4/376.7/323.7/188.4/129.5	441.4/376.7/323.7/188.4/129.5	500.3/441.4/382.6/323.7/206.0
Indoor Noise Level (Turbo/Hi/Mi/La/Si)		dB(A)	42/39.0/34.5/29.5/19.5	42/39/34.5/29.5/23.5	N/A/41.5/39.0/28.5/24.0
Indoor	Dimension (WxDxH)	inch	31.26x7.87x24.45	31.26x7.87x24.45	31.26x7.87x24.45
	Packing (WxDxH)	inch	34.06x11.02x28.31	34.06x11.02x28.31	34.06x11.02x28.31
	Net/Gross Weight	lbs.	32.85/41.89	32.85/41.89	32.85/41.89
Room Temperature	Cooling	°F	60~90	60~90	60~90
	Heating	°F	32~86	32~86	32~86
Liquid Side/Gas Side		inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"

Indoor Model			CH-RSH18MFC	CH-RSH24MFC
Power Supply	Rated	V, Ph, Hz	208/230,1, 60	208/230,1, 60
Rated Capacity	Cooling	Btu/h	18,000	24,000
	Heating	Btu/h	18,000	24,400
Minimum Circuit Ampacity (MCA)		A	1.9	2.5
Max. Fuse		A	15	15
Indoor Air Flow (Turbo/Hi/Mi/La/Si)		CFM	576.8/547.4/485.6/420.8/ N/A	735.8/706.3/606.3/453.2/376.7
Indoor Noise Level (Turbo/Hi/Mi/La/Si)		dB(A)	N/A/43.0/40.0/32.0/29.0	51.5/49/45/34/29
Indoor	Dimension (WxDxH)	inch	42.05x26.57x9.25	42.05x26.57x9.25
	Packing (WxDxH)	inch	45.06x29.72x12.52	45.06x29.72x12.52
	Net/Gross Weight	lbs.	58.42/70.55	61.29/73.19
Room Temperature	Cooling	°F	60~90	60~90
	Heating	°F	32~86	32~86
Liquid Side/Gas Side		inch	1/4"/1/2"	3/8"/5/8"

ONE WAY CASSETTE



Indoor Model			CH-RSH06-12MCT1W (Dip Switch for 6K)	CH-RSH06-12MCT1W (Dip Switch for 9K)	CH-RSH06-12MCT1W (Dip Switch for 12K)	CH-RSH18MCT1W
Power Supply	Rated	V, Ph, Hz	208/230,1, 60	208/230,1, 60	208/230,1, 60	208/230,1, 60
Rated Capacity	Cooling	Btu/h	6,500	9,000	12,000	16,700
	Heating	Btu/h	7,400	10,300	12,500	20,000
Minimum Circuit Ampacity (MCA)		A	3	3	3	3
Max. Fuse		A	15	15	15	15
Indoor Air Flow (Turbo/Hi/Mi/La/Si)		CFM	353.2/312.0/282.5/247.2/176.6	353.2/312.0/282.5/247.2/176.6	353.2/312.0/282.5/247.2/176.6	400.2/352.0/300.2/207.2 / N/A
Indoor Noise Level (Hi/Mi/La)		dB(A)	37.5/35.5/26	38/36/33	41/37/33	44/41.5/31
Indoor	Dimension (WxDxH)	inch	50.31x13.19x8.98	50.31x13.19x8.98	50.31x13.19x8.98	50.31x13.19x8.98
	Packing (WxDxH)	inch	57.60x22.48x22.64	57.60x22.48x22.64	57.60x22.48x22.64	57.60x22.48x22.64
	Net/Gross Weight	lbs.	45.19/82.45	45.19/82.45	45.19/82.45	45.19/82.45
Room Temperature	Cooling	°F	60~90	60~90	60~90	60~90
	Heating	°F	32~86	32~86	32~86	32~86
Liquid Side/Gas Side		inch	1/4"/3/8"	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"



CONTROL OPTIONS

- Smart Kit Built In with Downloadable C&H app
- Remote Control Included
- Wall Thermostat (Purchased Separately)

SLIM DUCT



CONTROL OPTIONS

- Remote Control included
- Wall Thermostat Included

Indoor Model			CH-RS06MDT-MS CH-RS06-12MDT-MS (Dip Switch 6K)	CH-RS09MDT-MS CH-RS06-12MDT-MS (Dip Switch 9K)	CH-RS12MDT-MS CH-RS06-12MDT-MS (Dip Switch 12K)	CH-RS18MDT-MS	CH-RS24MDT-MS
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
Rated Capacity	Cooling	Btu/h	6,500	9,000	11,500	17,000	24,000
	Heating	Btu/h	8,000	10,000	12,000	20,000	25,000
Minimum Circuit Ampacity (MCA)		A	3	3	3	3	3
Max. Fuse		A	15	15	15	15	15
Indoor Air Flow (Turbo/Hi/Mi/La/Si)		CFM	323.7/264.9/206.0/147.2/117.7	400.2/323.7/264.9/176.8/117.7	400.2/323.7/264.9/176.8/117.7	600.4/558.2/500.3/441.4/N/A	853.5/706.3/618.0/500.3/N/A
Indoor Noise Level (Turbo/Hi/Mi/La/Si)		dB(A)	N/A/32.5/30.5/29.5/22	N/A/34/32.5/29/24	N/A/37/35/33.5/26	N/A/40.5/39/36/35	43/40/38/35.5/29.5
Indoor	Dimension (WxDxH)	inch	27.56 x 19.92 x 7.87	27.56 x 19.92 x 7.87	27.56 x 19.92 x 7.87	34.65 x 26.54 x 8.27	39.37 x 29.53 x 9.65
	Packing (WxDxH)	inch	33.86 x 21.26 x 11.22	33.86 x 21.26 x 11.22	33.86 x 21.26 x 11.22	42.13 x 28.54 x 11.02	48.23 x 33.86 x 11.97
	Net/Gross Weight	lbs.	39.46/46.74	39.46/46.74	39.46/46.74	54.45/66.14	80.47/91.93
Room Temperature	Cooling	°F	60~90	60~90	60~90	60~90	60~90
	Heating	°F	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"/3/8"	1/4"/1/2"	3/8"/5/8"

CEILING CASSETTE



Indoor Model			CH-RSH09-12MCT (Dip Switch 9)	CH-RSH09-12MCT (Dip Switch 12)	CH-RSH18MCT	CH-RSH24MCT
Panel Model Number			CH-NPNL09-18CT	CH-NPNL09-18CT	CH-NPNL09-18CT	CH-NPNL24-48CT
Power Supply	Rated	V, Ph, Hz	208/230,1, 60	208/230,1, 60	208/230,1, 60	208/230,1, 60
Rated Capacity	Cooling	Btu/h	9,000	12,000	16,800	24,000
	Heating	Btu/h	10,000	12,000	18,000	25,000
Minimum Circuit Ampacity (MCA)		A	3	3	3	3
Max. Fuse		A	15	15	15	15
Indoor Air Flow (Turbo/Hi/Mi/La/Si)		CFM	417.9/364.9/306.1/194.2/147.2	417.9/364.9/306.1/194.2/147.2	447.3/388.5/317.8/194.2/147.2	765.2/706.3/635.7/547.4/N/A
Indoor Noise Level (Turbo/Hi/Mi/La/Si)		dB(A)	42.5/40/37.0/26.0/24.0	46/42.0/38.5/26.5/24.0	48/44.0/41.0/28.5/24.5	N/A/45.5/43.0/33.5/30.5
Indoor	Dimension (WxDxH)	inch	22.44x22.44x9.65	22.44x22.44x9.65	22.44x22.44x9.65	32.68x32.68x8.07
	Packing (WxDxH)	inch	28.15x25.20x11.61	28.15x25.20x11.61	28.15x25.20x11.61	35.83x35.83x9.84
	Net/Gross Weight	lbs.	35.27/41.89	35.27/41.89	35.27/41.89	47.18/59.08
Room Temperature	Cooling	°F	62~90	62~90	62~90	60~90
	Heating	°F	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"	3/8"/5/8"



CONTROL OPTIONS

- Smart Kit Built In with Downloadable C&H app
- Remote Control Included
- Wall Thermostat (Purchased Separately)

MULTI-POSITION AIR HANDLER UNIT

ELECTRIC HEATERS

OPTIONAL AUXILIARY HEATER

The Auxiliary Heater is an optional feature that can be purchased separately as a back-up heating option for indoor units in case of an emergency or when the primary heating system is not working. A great solution for supplementary heating in extreme cold weather with maximum energy efficiency.



GROUPED HEATER CONTROL FOR MORE PRECISE TEMPERATURE

AHU Capacity	5KW heater	10KW heater	15KW heater	20KW heater
	One group	One group	Two groups	Two groups
	10KW+5KW	10KW+5KW	10KW+5KW	10KW+10KW
	W1 on 5KW	W1 on 10KW	W1 on 10KW	W1 on 10KW
Model	CH-NREH05KW	CH-NREH10KW	CH-NREH15KW	CH-NREH20KW
18K(AHU)	Y	Y	-	-
24K(AHU)	Y	Y	Y	-
30K(AHU)	Y	Y	Y	Y
36K(AHU)	Y	Y	Y	Y
48K(AHU)	-	Y	Y	Y
60K(AHU)	-	Y	Y	Y

	Power	1.5 ton (18,000 BTU/h)	2 ton (24,000 BTU/h)	3 ton (36,000 BTU/h)	4 ton (48,000 BTU/h)	5 ton (60,000 BTU/h)	6 ton (72,000 BTU/h)
Electric Heater	Model	CH-RS18MAHU	CH-RS24MAHU	CH-RS30MAHU	CH-RS36LCAHU	CH-RS48LCAHU	CH-RS60LCAHU
	5KW	Y	Y	Y	Y	-	-
	10KW	Y	Y	Y	Y	Y	Y
	15KW	-	Y	Y	Y	Y	Y
	20KW	-	-	Y	Y	Y	Y

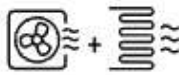
THREE HEATING MODES AVAILABLE FOR DIFFERENT APPLICATIONS



Heat Pump



Heater



Heat Pump + Heater

Indoor Model			CH-RS18MAHU	CH-RS24MAHU	CH-RS30MAHU
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
	Rated Capacity	Btu/h	18,000	24,000	30,000
Cooling	Rated Current	A	6.7	9.3	12.5
	Rated Capacity	Btu/h	18,000	25,000	30,000
Heating	Rated Current	A	6.7	9.2	11.2
	Minimum Circuit Ampacity (MCA)	A	3.5	4	6
Max. Fuse		A	15	15	15
Indoor Air Flow (Turbo/HI/MI/Lo/SI)		CFM	618.0/576.8/529.7/ 488.5 / N/A	824.0/759.3/694.5/ 629.8 / N/A	988.8/894.7/806.4/ 712.2 / N/A
Indoor Noise Level (Turbo/HI/MI/Lo/SI)		dB(A)	N/A/42/39.5/33/N/A	N/A/43.5/41.5/28.5/N/A	N/A/44/41/26/N/A
ESP		Range	0-0.8	0-0.8	0-0.8
Indoor	Dimension (WxDxH)	inch	17.52x21.02x45.00	17.52x21.02x45.00	21.02x21.02x49.02
	Packing (WxDxH)	inch	20.87x26.57x48.62	20.87x26.57x48.62	24.41x26.57x52.56
	Net/Gross Weight	lbs.	104.72/125.86	104.28/125.88	127.43/151.68
Room Temperature	Cooling	°F	60-90	60-90	60-90
	Heating	°F	32-86	32-86	32-86
Liquid Side/Gas side		inch	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"

TECHNICAL SUPPORT
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MULTI-ZONE

Multi-Room Inverter Heat Pump Solution

Your actual Inverter Heat Pump system and related devices may differ from images shown in this specification sheet. Test conditions are based on AHRI 210/240. Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change specifications or designs at any time without incurring obligations.

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