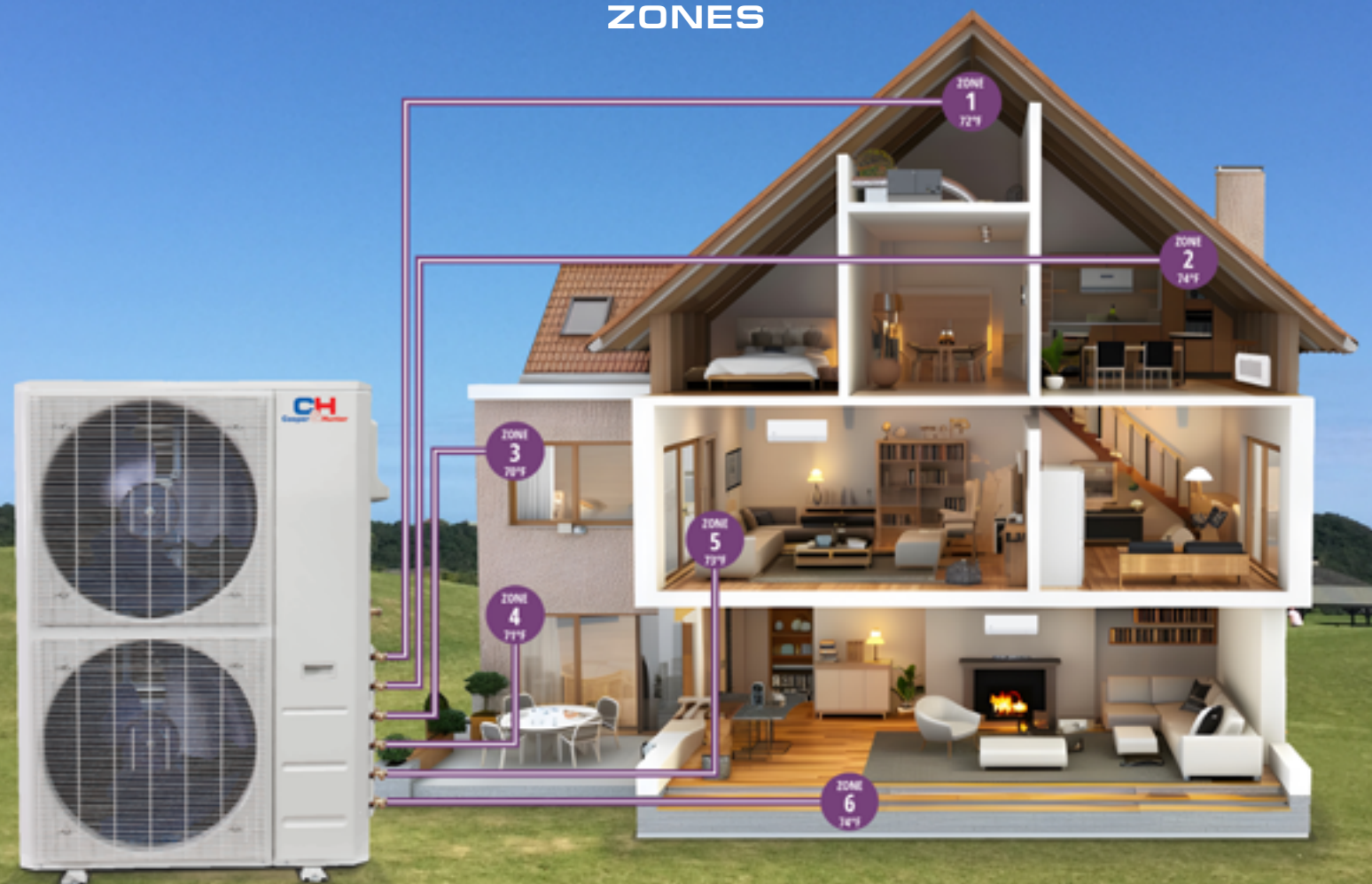


HYPER and REGULAR Series

UP TO
6
ZONES



MULTI-ZONE

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.

MULTI-ZONE Inverter Heat Pump Solutions

			WITHOUT SHUT-OFF VALVES					WITH SHUT-OFF VALVES				
			REGULAR					HYPER				
Outdoor Model			CH-R18MES-230VO	CH-R28MES-230VO	CH-R36MES-230VO	CH-R48MES-230VO	CH-R60MES-230VO	CH-RVHP19M-230VO	CH-RVHP28M-230VO	CH-RVHP36M-230VO	CH-RVHP48M-230VO	CH-RVHP55M-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
	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		14	13	12	12.5	10	15	12.5	13	12	12
	SEER2		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 (W×D×H)		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 (W×D×H)		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



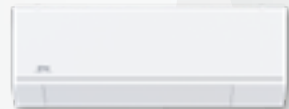
HYPER



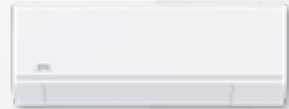
CH-R18MES-230VO

UP TO
3
ZONES

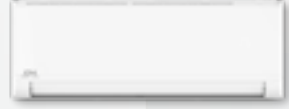
ASTORIA



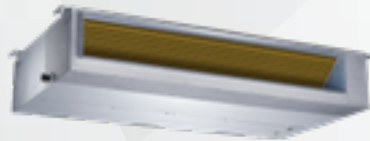
ASTORIA



OLIVIA



OLIVIA



Outdoor Model			CH-R18MES-230V0
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60
	Voltage Range	V	187-253
Cooling	Rated Capacity (range)	Btu/h	5,400~21,600
	Rated Current	A	6
	EER2		14
	SEER2		25.1
Heating at 47°F	Rated Capacity (range)	Btu/h	5,700~21,600
	Rated Current	A	6.8
	COP	W/W	3.8
	HSPF4		9.8
	HSPF5		7.8
Heating at 5°F	Rated Capacity	Btu/h	13,500
Minimum Circuit Ampacity (Outdoor unit)		A	16
Max. Fuse (Outdoor unit)		A	20
Outdoor Air Flow (Max)		CFM	1,765.8
Outdoor Noise Level (Sound Pressure)		dB(A)	59.5
Dimension (W×D×H)		inch	35.04x13.46x26.50
Packing (W×D×H)		inch	40.55x17.24x29.53
Net/Gross Weight			100.53/109.35
Refrigerant Type/Charged		oz	R454B/61.73
Refrigerant Precharge		ft	75
Additional Charge for Each	0.16 for 1/4 in liquid pipe / *0.32 for 3/8 in liquid pipe	oz/ft	0.16
Design Pressure		PSIG	550/340
Refrigerant Piping	Liquid Side	inch	3 x 1/4"
	Gas Side	inch	3 x 3/8"
Max. Pipe Length		ft	196.8
Max. Length for One Indoor Unit		ft	98.4
Max. Height Difference in Level		ft	49.2
Max. Height Difference Between Indoor Units		ft	33
Ambient Temperature	Cooling	°F	-13~122
	Heating	°F	-13~75
Certification		AHRI	✓
		Energy Star for Cold Climate	✓
		NEEP	✓
		ETL	✓

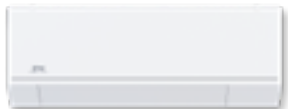
Multi-Zone Combination Charts on Pages 56-59



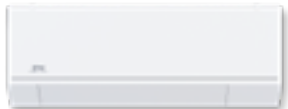
CH-R28MES-230VO

UP TO
4
ZONES

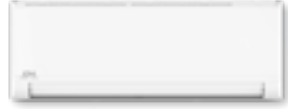
ASTORIA



ASTORIA



OLIVIA



OLIVIA



Outdoor Model			CH-R28MES-230VO
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60
	Voltage Range	V	187-253
Cooling	Rated Capacity (range)	Btu/h	7,200~32,000
	Rated Current	A	9.2
	EER2		13
	SEER2		25
Heating at 47°F	Rated Capacity (range)	Btu/h	8,400~29,000
	Rated Current	A	9.2
	COP	W/W	3.8
	HSPF4		9.5
	HSPF5		7
Heating at 5°F	Rated Capacity	Btu/h	19,000
Minimum Circuit Ampacity (Outdoor unit)		A	23
Max. Fuse (Outdoor unit)		A	25
Outdoor Air Flow (Max)		CFM	2,130.7
Outdoor Noise Level (Sound Pressure)		dB(A)	61
Dimension (W×D×H)		inch	37.24x16.14x31.89
Packing (W×D×H)		inch	42.91x19.68x34.84
Net/Gross Weight			138.89/149.69
Refrigerant Type/Charged		oz	R454B/61.73
Refrigerant Precharge		ft	100
Additional Charge for Each	0.16 for 1/4 in liquid pipe / *0.32 for 3/8 in liquid pipe	oz/ft	0.16
Design Pressure		PSIG	550/340
Refrigerant Piping	Liquid Side	inch	4 x 1/4"
	Gas Side	inch	3 x 3/8" + 1 x 1/2"
Max. Pipe Length		ft	262.4
Max. Length for One Indoor Unit		ft	114.8
Max. Height Difference in Level		ft	49.2
Max. Height Difference Between Indoor Units		ft	33
Ambient Temperature	Cooling	°F	-13~122
	Heating	°F	-13~75
Certification		AHRI	✓
		Energy Star for Cold Climate	✓
		NEEP	✓
		ETL	✓

Multi-Zone Combination Charts on Pages 56-59



CH-R36MES-230VO

UP TO
5
ZONES

Outdoor Model			CH-R36MES-230VO	
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60	
	Voltage Range	V	187-253	
Cooling	Rated Capacity (range)	Btu/h	9,000~42,000	
	Rated Current	A	13.5	
	EER2		12	
	SEER2		24	
Heating at 47°F	Rated Capacity (range)	Btu/h	10,000~42,500	
	Rated Current	A	14	
	COP	W/W	3.5	
	HSPF4		9.5	
	HSPF5		7	
Heating at 5°F	Rated Capacity	Btu/h	26,000	
Minimum Circuit Ampacity (Outdoor unit)		A	30.5	
Max. Fuse (Outdoor unit)		A	35	
Outdoor Air Flow (Max)		CFM	2,148.4	
Outdoor Noise Level (Sound Pressure)		dB(A)	64.5	
Dimension (W×D×H)		inch	37.24x16.14x31.89	
Packing (W×D×H)		inch	42.91x19.68x34.84	
Net/Gross Weight			168.87/180.12	
Refrigerant Type/Charged		oz	R454B/61.73	
Refrigerant Precharge		ft	125	
Additional Charge for Each	0.16 for 1/4 in liquid pipe / *0.32 for 3/8 in liquid pipe		oz/ft	0.16
Design Pressure		PSIG	550/340	
Refrigerant Piping	Liquid Side	inch	5 x 1/4"	
	Gas Side	inch	4 x 3/8" + 1 x 1/2"	
Max. Pipe Length		ft	262.4	
Max. Length for One Indoor Unit		ft	114.8	
Max. Height Difference in Level		ft	49.2	
Max. Height Difference Between Indoor Units		ft	33	
Ambient Temperature	Cooling	°F	-13~122	
	Heating	°F	-13~75	
Certification		AHRI	✓	
		Energy Star for Cold Climate	✓	
		NEEP	✓	
		ETL	✓	

Multi-Zone Combination Charts on Pages 56-59



CH-R48MES-230VO

UP TO
6
ZONES

Outdoor Model			CH-R48MES-230VO
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60
	Voltage Range	V	187-253
Cooling	Rated Capacity (range)	Btu/h	12,000~55,000
	Rated Current	A	16.6
	EER2		12.5
	SEER2		24
Heating at 47°F	Rated Capacity (range)	Btu/h	13,000~53,000
	Rated Current	A	16.3
	COP	W/W	3.8
	HSPF4		10.3
	HSPF5		8
Heating at 5°F	Rated Capacity	Btu/h	36,000
Minimum Circuit Ampacity (Outdoor unit)		A	40
Max. Fuse (Outdoor unit)		A	45
Outdoor Air Flow (Max)		CFM	4,502.8
Outdoor Noise Level (Sound Pressure)		dB(A)	63
Dimension (W×D×H)		inch	37.48x16.34x52.48
Packing (W×D×H)		inch	43.11x19.49x58.27
Net/Gross Weight			222.00/254.19
Refrigerant Type/Charged		oz	R454B/61.73
Refrigerant Precharge		ft	150
Additional Charge for Each	0.16 for 1/4 in liquid pipe / *0.32 for 3/8 in liquid pipe	oz/ft	0.16
Design Pressure		PSIG	550/340
Refrigerant Piping	Liquid Side	inch	6 x 1/4"
	Gas Side	inch	4 x 3/8" + 2 x 1/2"
Max. Pipe Length		ft	262.4
Max. Length for One Indoor Unit		ft	114.8
Max. Height Difference in Level		ft	49.2
Max. Height Difference Between Indoor Units		ft	33
Ambient Temperature	Cooling	°F	-13~122
	Heating	°F	-13~75
Certification	AHRI		✓
	Energy Star for Cold Climate		✓
	NEEP		✓
	ETL		✓

Multi-Zone Combination Charts on Pages 56-59



REGULAR
COMPRESSORS



UP TO
6
ZONES

CH-R60MES-230VO

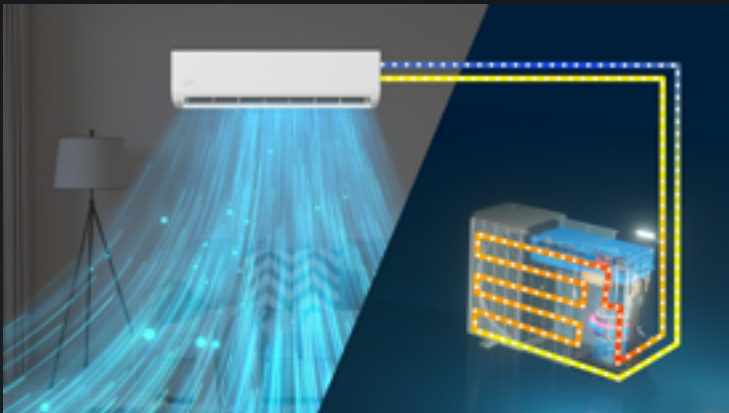


Outdoor Model			CH-R60MES-230VO
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60
	Voltage Range	V	187-253
Cooling	Rated Capacity (range)	Btu/h	19,000~62,000
	Rated Current	A	26.2
	EER2		10
	SEER2		22
Heating at 47°F	Rated Capacity (range)	Btu/h	20,000~60,000
	Rated Current	A	21
	COP	W/W	3.7
	HSPF4		9.5
	HSPF5		7.4
Heating at 5°F	Rated Capacity	Btu/h	39,000
Minimum Circuit Ampacity (Outdoor unit)		A	40
Max. Fuse (Outdoor unit)		A	45
Outdoor Air Flow (Max)		CFM	4,502.8
Outdoor Noise Level (Sound Pressure)		dB(A)	65
Dimension (W×D×H)		inch	37.48x16.34x52.48
Packing (W×D×H)		inch	43.11x19.49x58.27
Net/Gross Weight			237.88/270.28
Refrigerant Type/Charged		oz	R454B/61.73
Refrigerant Precharge		ft	150
Additional Charge for Each	0.16 for 1/4 in liquid pipe /	oz/ft	0.16
	*0.32 for 3/8 in liquid pipe		
Design Pressure		PSIG	550/340
Refrigerant Piping	Liquid Side	inch	6 x 1/4"
	Gas Side	inch	4 x 3/8" + 2 x 1/2"
Max. Pipe Length		ft	262.4
Max. Length for One Indoor Unit		ft	114.8
Max. Height Difference in Level		ft	49.2
Max. Height Difference Between Indoor Units		ft	33
Ambient Temperature	Cooling	°F	-13~122
	Heating	°F	-13~75
Certification	AHRI		✓
	Energy Star for Cold Climate		✓
	NEEP		✓
	ETL		✓

Multi-Zone Combination Charts on Pages 56-59

INVERTER TECHNOLOGY
Simplified

Inverter technology is a type of technology used in heat pump outdoor units allowing the compressor to run at variable speeds, rather than just on or off. The heat pump can adjust its output to match the heating or cooling needs of the space it is serving, leading to increased efficiency and energy savings.



Inverter technology uses a device called the variable frequency drive (VFD) to control the frequency of the incoming electrical current that goes to the appliance. The VFD contains a small part called an inverter that converts the AC power supplied by house sockets to DC. While the energy flow is still in DC, it gives an opportunity for the VFD to change the frequency from the standard 60Hz to whatever power is needed by the appliance's motor. In addition, inverter technology uses a process called "flash injection" to allow the heat pump to produce superior heating. The flash injection process uses a bypass circuit to reroute a portion of the refrigerant to two places. Hot refrigerant flows back to the indoor coil to enhance heating. Colder refrigerant is injected back into the compressor to allow it to run at faster speeds to produce high-performance heat exchange. This technology also guarantees quiet and efficient operation for outdoor and indoor units.

This process of conserving energy by using less power, while still delivering better results is achieved through constant movement, which can save up to **40%** of energy consumption.

The efficiency of inverter technology also extends into the longevity of the unit and low maintenance, all thanks to the unit running under low demand.





CH-RVHP19M-230VO

UP TO
3
ZONES

Outdoor Model			CH-RVHP19M-230VO
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60
	Voltage Range	V	187-253
Cooling	Rated Capacity (range)	Btu/h	5,400~28,000
	Rated Current	A	5.6
	EER2		15
	SEER2		25
Heating at 47°F	Rated Capacity (range)	Btu/h	5,700~27,000
	Rated Current	A	6.5
	COP	W/W	4
	HSPF4		10.4
	HSPF5		8.5
Heating at 5°F	Rated Capacity	Btu/h	19,000
Minimum Circuit Ampacity (Outdoor unit)		A	17.5
Max. Fuse (Outdoor unit)		A	20
Outdoor Air Flow (Max)		CFM	2,130.7
Outdoor Noise Level (Sound Pressure)		dB(A)	61.5
Dimension (W×D×H)		inch	37.24x16.14x31.89
Packing (W×D×H)		inch	42.91x19.68x34.84
Net/Gross Weight			137.35/148.15
Refrigerant Type/Charged		oz	R454B/78.31
Refrigerant Precharge		ft	75
Additional Charge for Each		<i>0.16 for 1/4 in liquid pipe / *0.32 for 3/8 in liquid pipe</i> oz/ft	0.16
Design Pressure		PSIG	550/340
Refrigerant Piping	Liquid Side	inch	3 x 1/4"
	Gas Side	inch	3 x 3/8"
Max. Pipe Length		ft	196.8
Max. Length for One Indoor Unit		ft	98.4
Max. Height Difference in Level		ft	49.2
Max. Height Difference Between Indoor Units		ft	33
Ambient Temperature	Cooling	°F	-22~122
	Heating	°F	-22~75
Certification		AHRI	✓
		Energy Star for Cold Climate	✓
		NEEP	✓
		ETL	✓

Multi-Zone Combination Charts on Pages 56-59



CH-RVHP28M-230VO

UP TO
4
ZONES

Outdoor Model			CH-RVHP28M-230VO
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60
	Voltage Range	V	187-253
Cooling	Rated Capacity (range)	Btu/h	7,200~37,000
	Rated Current	A	9.5
	EER2		12.5
	SEER2		23
Heating at 47°F	Rated Capacity (range)	Btu/h	8,400~36,000
	Rated Current	A	9.1
	COP	W/W	3.8
	HSPF4		10.5
	HSPF5		8.5
Heating at 5°F	Rated Capacity	Btu/h	27,000
Minimum Circuit Ampacity (Outdoor unit)		A	30
Max. Fuse (Outdoor unit)		A	35
Outdoor Air Flow (Max)		CFM	2,148.4
Outdoor Noise Level (Sound Pressure)		dB(A)	61
Dimension (W×D×H)		inch	37.24x16.14x31.89
Packing (W×D×H)		inch	42.91x19.68x34.84
Net/Gross Weight			168.43/179.67
Refrigerant Type/Charged		oz	R454B/120.63
Refrigerant Precharge		ft	100
Additional Charge for Each		<i>0.16 for 1/4 in liquid pipe / *0.32 for 3/8 in liquid pipe</i> oz/ft	0.16
Design Pressure		PSIG	550/340
Refrigerant Piping	Liquid Side	inch	4 x 1/4"
	Gas Side	inch	3 x 3/8" + 1 x 1/2"
Max. Pipe Length		ft	262.4
Max. Length for One Indoor Unit		ft	114.8
Max. Height Difference in Level		ft	49.2
Max. Height Difference Between Indoor Units		ft	33
Ambient Temperature	Cooling	°F	-22~122
	Heating	°F	-22~75
Certification		AHRI	✓
		Energy Star for Cold Climate	✓
		NEEP	✓
		ETL	✓

Multi-Zone Combination Charts on Pages 56-59

ASTORIA

ASTORIA

OLIVIA

OLIVIA

ASTORIA

ASTORIA

OLIVIA

OLIVIA



CH-RVHP36M-230VO

UP TO
5
ZONES

Outdoor Model			CH-RVHP36M-230VO
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60
	Voltage Range	V	187-253
Cooling	Rated Capacity (range)	Btu/h	9,000~43,000
	Rated Current	A	12
	EER2		13
	SEER2		23
Heating at 47°F	Rated Capacity (range)	Btu/h	10,000~44,000
	Rated Current	A	11.5
	COP	W/W	4
	HSPF4		10.7
	HSPF5		8.5
Heating at 5°F	Rated Capacity	Btu/h	36,000
Minimum Circuit Ampacity (Outdoor unit)		A	37
Max. Fuse (Outdoor unit)		A	40
Outdoor Air Flow (Max)		CFM	3,037.2
Outdoor Noise Level (Sound Pressure)		dB(A)	65
Dimension (W×D×H)		inch	38.58x16.34x38.39
Packing (W×D×H)		inch	45.08x19.68x42.52
Net/Gross Weight			211.86/244.71
Refrigerant Type/Charged		oz	R454B/134.04
Refrigerant Precharge		ft	125
Additional Charge for Each	0.16 for 1/4 in liquid pipe /	oz/ft	0.16
	*0.32 for 3/8 in liquid pipe		
Design Pressure		PSIG	550/340
Refrigerant Piping	Liquid Side	inch	5 x 1/4"
	Gas Side	inch	3 x 3/8" + 2 x 1/2"
Max. Pipe Length		ft	262.4
Max. Length for One Indoor Unit		ft	114.8
Max. Height Difference in Level		ft	49.2
Max. Height Difference Between Indoor Units		ft	33
Ambient Temperature	Cooling	°F	-22~122
	Heating	°F	-22~75
Certification		AHRI	✓
		Energy Star for Cold Climate	✓
		NEEP	✓
		ETL	✓

Multi-Zone Combination Charts on Pages 56-59



CH-RVHP48M-230VO

UP TO
6
ZONES

Outdoor Model			CH-RVHP48M-230VO
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60
	Voltage Range	V	187-253
Cooling	Rated Capacity (range)	Btu/h	12,000~57,000
	Rated Current	A	17.3
	EER2		12
	SEER2		23
Heating at 47°F	Rated Capacity (range)	Btu/h	13,000~57,000
	Rated Current	A	17.3
	COP	W/W	3.7
	HSPF4		11
	HSPF5		9
Heating at 5°F	Rated Capacity	Btu/h	47,000
Minimum Circuit Ampacity (Outdoor unit)		A	37
Max. Fuse (Outdoor unit)		A	40
Outdoor Air Flow (Max)		CFM	4,502.8
Outdoor Noise Level (Sound Pressure)		dB(A)	65
Dimension (W×D×H)		inch	37.48x16.34x52.48
Packing (W×D×H)		inch	43.11x19.49x58.27
Net/Gross Weight			246.47/276.68
Refrigerant Type/Charged		oz	R454B/151.68
Refrigerant Precharge		ft	150
Additional Charge for Each	0.16 for 1/4 in liquid pipe /	oz/ft	0.16
	*0.32 for 3/8 in liquid pipe		
Design Pressure		PSIG	550/340
Refrigerant Piping	Liquid Side	inch	6 x 1/4"
	Gas Side	inch	4 x 3/8" + 2 x 1/2"
Max. Pipe Length		ft	262.4
Max. Length for One Indoor Unit		ft	114.8
Max. Height Difference in Level		ft	49.2
Max. Height Difference Between Indoor Units		ft	33
Ambient Temperature	Cooling	°F	-22~122
	Heating	°F	-22~75
Certification		AHRI	✓
		Energy Star for Cold Climate	✓
		NEEP	✓
		ETL	✓

Multi-Zone Combination Charts on Pages 56-59

HYPER
COMPRESSORS



CH-RVP55M-230VO

UP TO
6
ZONES

Outdoor Model			CH-RVHP55M-230VO
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60
	Voltage Range	V	187-253
Cooling	Rated Capacity (range)	Btu/h	19,000~59,000
	Rated Current	A	18.5
	EER2		12
	SEER2		22.2
Heating at 47°F	Rated Capacity (range)	Btu/h	20,000~59,000
	Rated Current	A	20.1
	COP	W/W	3.5
	HSPF4		10.5
	HSPF5		8.5
Heating at 5°F	Rated Capacity	Btu/h	47,000
Minimum Circuit Ampacity (Outdoor unit)		A	39.5
Max. Fuse (Outdoor unit)		A	40
Outdoor Air Flow (Max)		CFM	4,502.8
Outdoor Noise Level (Sound Pressure)		dB(A)	65
Dimension (W×D×H)		inch	37.48x16.34x52.48
Packing (W×D×H)		inch	43.11x19.49x58.27
Net/Gross Weight			246.47/276.68
Refrigerant Type/Charged		oz	R454B/151.68
Refrigerant Precharge		ft	150
Additional Charge for Each	0.16 for 1/4 in liquid pipe /	oz/ft	0.16
	*0.32 for 3/8 in liquid pipe		
Design Pressure		PSIG	550/340
Refrigerant Piping	Liquid Side	inch	6 x 1/4"
	Gas Side	inch	4 x 3/8" + 2 x 1/2"
Max. Pipe Length		ft	262.4
Max. Length for One Indoor Unit		ft	114.8
Max. Height Difference in Level		ft	49.2
Max. Height Difference Between Indoor Units		ft	33
Ambient Temperature	Cooling	°F	-22~122
	Heating	°F	-22~75
Certification		AHRI	✓
		Energy Star for Cold Climate	✓
		NEEP	✓
		ETL	✓

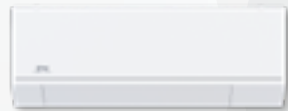
Multi-Zone Combination Charts on Pages 56-59



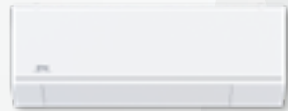
Proud Sponsors



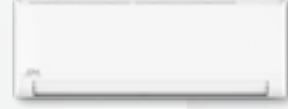
ASTORIA



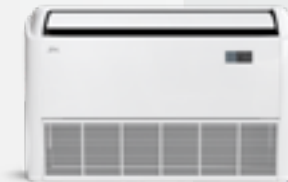
ASTORIA



OLIVIA



OLIVIA



COMBINATION CHART | REGULAR

MULTI-ZONE COMBINATION GUIDE



Btu/h	Astoria Astoria Pro	Olivia	Olivia Midnight	Ceiling Cassette Ceiling Cassette Pro	One-Way Cassette	Slim Duct	New Console	Floor Ceiling	Multi-Position Air Handler
6K	CH-RS06MASTWM-230VI CH-PRO06MASTWM-230VI				CH-RSH06-12MCT1W	CH-RS06-12MDT-MS			
9K	CH-RS09MASTWM-230VI CH-PRO09MASTWM-230VI	CH-R09MOLVWM-230VI	CH-RB09MOLVWM-230VI	CH-RH09MCT CH-RSH09-12MCT			CH-RSH09MMC		
12K	*CH-RS12MASTWM-230VI CH-PRO12MASTWM-230VI	CH-R12MOLVWM-230VI	CH-RB12MOLVWM-230VI	CH-RH12MCT CH-RSH12MCT	CH-RSH18MCT1W	CH-RS18MDT-MS	CH-RSH12MMC		
18K	CH-RS18MASTWM-230VI CH-PRO18MASTWM-230VI	CH-R18MOLVWM-230VI	CH-RB18MOLVWM-230VI	CH-RH18MCT CH-RSH18MCT			CH-RSH16MMC*	CH-RSH18MFC	CH-RS18MAHU
24K	CH-RS24MASTWM-230VI CH-PRO24MASTWM-230VI	CH-R24MOLVWM-230VI	CH-RB24MOLVWM-230VI	CH-RH24MCT CH-RSH24MCT		CH-RS24MDT-HS		CH-RSH24MFC	CH-RS24MAHU
30K	CH-RS30MASTWM-230VI CH-PRO30MASTWM-230VI	CH-R30MOLVWM-230VI							CH-RS30MAHU
36K	CH-RS36MASTWM-230VI CH-PRO36MASTWM-230VI	CH-R36MELVWM-230VI							

*this unit also available in 15K
CH-RH15MASTWM-230VI / CH-PRO15MASTWM-230VI

• Minimum of two zones must be connected • Minimum line length required per zone is 10 ft. • Port adapters are included with outdoor units, branch boxes not required

Cooling at 95° F										Heating at 47° F									Refrigerant		Refrigerant Piping					Ambient Temperature	
Model Name		Min. Circuit Ampacity (MCA)	Max. Fuse Size	Capacity (range)	Input (range)	Rated current (range)	SEER2	EER2	Capacity (range)	Input (range)	Rated current (range)	COP	HSPF4	HSPF5	Noise Level	Precharge	Liquid side	Gas side	Max. length for all rooms	Max. length for one indoor unit	Max. height elevation between indoor and outdoor	Max. height elevation between indoor units	Cooling	Heating			
		A	A	Btu/h	W	A			Btu/h	W	A				db	ft	inch	inch	ft	ft	ft	ft	°F	°F			
CH-R18MES-230VO	Ducted	16	20	18,000(5,400-24,000)	1,500(400-2,100)	8(3.5-9.5)	20	12	19,000(5,700-22,000)	1,465(350-1,600)	8(3-7)	3.8	10	7.8	59	75	3x1/4"	3x3/8"	196.8	98.4	49.2	33	-13-122	-13-75			
CH-R18MES-230VO	Non-ducted	16	20	18,000(5,400-21,600)	1,285(400-1,900)	6(3.5-9)	25.1	14	19,000(5,700-21,600)	1,465(350-1,630)	6.8(3-7)	3.8	9.8	7.8	59.5	75	3x1/4"	3x3/8"	196.8	98.4	49.2	33	-13-122	-13-75			
CH-R28MES-230VO	Ducted	23	25	26,600(7,200-32,000)	2,215(500-2,960)	11.5(4-13)	21	12	26,600(8,400-28,800)	2,165(500-2,300)	11(4-11.5)	3.6	9	7	61	100	4x1/4"	3x3/8"+1x1/2"	262.4	114.8	49.2	33	-13-122	-13-75			
CH-R28MES-230VO	Non-ducted	23	25	27,000(7,200-32,000)	2,076(500-2,730)	9.2(4-12)	25	13	27,000(8,400-29,000)	2,080(500-2,400)	9.2(4-11)	3.8	9.5	7	61	100	4x1/4"	3x3/8"+1x1/2"	262.4	114.8	49.2	33	-13-122	-13-75			
CH-R36MES-230VO	Ducted	30.5	35	35,000(9,000-40,000)	2,990(600-4,500)	13.5(5-19)	20	11.7	37,000(10,000-40,500)	3,389(600-3,600)	15.5(5-16)	3.2	9.2	7	62.5	125	5x1/4"	4x3/8"+1x1/2"	262.4	114.8	49.2	33	-13-122	-13-75			
CH-R36MES-230VO	Non-ducted	30.5	35	36,000(9,000-42,000)	3,000(600-4,100)	13.5(5-18.5)	24	12	37,000(10,000-42,500)	3,098(600-3,900)	14(5-17.5)	3.5	9.5	7	64.5	125	5x1/4"	4x3/8"+1x1/2"	262.4	114.8	49.2	33	-13-122	-13-75			
CH-R48MES-230VO	Ducted	34	40	45,000(12,000-52,000)	3,740(800-6,000)	16.8(7-27)	20.4	12	47,000(13,000-53,000)	3,532(800-5,200)	15.7(7-23)	3.9	10.6	8.1	63	150	6x1/4"	4x3/8"+2x1/2"	262.4	114.8	49.2	33	-13-122	-13-75			
CH-R48MES-230VO	Non-ducted	34	40	47,000(12,000-55,000)	3,764(800-5,800)	16.6(7-26)	24	12.5	48,000(13,000-53,000)	3,702(800-5,200)	16.3(7-23)	3.8	10.3	8	63	150	6x1/4"	4x3/8"+2x1/2"	262.4	114.8	49.2	33	-13-122	-13-75			
CH-R60MES-230VO	Ducted	36	40	60,000(19,000-61,000)	6,000(1,200-6,360)	27(10-28)	18	10	60,000(20,000-61,000)	4,753(1,200-5,200)	21.3(10-23)	3.7	9.2	7.1	64	150	6x1/4"	4x3/8"+2x1/2"	262.4	114.8	49.2	33	-13-122	-13-75			
CH-R60MES-230VO	Non-ducted	36	40	60,000(19,000-62,000)	6,000(1,200-6,000)	26.2(9-26.2)	22	10	60,000(20,000-60,000)	4,753(1,200-5,200)	21(9-23)	3.7	9.5	7.4	65	150	6x1/4"	4x3/8"+2x1/2"	262.4	114.8	49.2	33	-13-122	-13-75			

UP TO 3 ZONES



CH-R18MES-230VO

2 ZONES
6K 6K
6K 9K
6K 12K
6K 18K
9K 9K
9K 12K
12K 12K

UP TO 4 ZONES



CH-R28MES-230VO

2 ZONES
6K 6K
6K 9K
6K 12K
6K 18K
6K 24K
9K 9K
9K 12K
9K 18K
9K 24K
12K 12K
12K 18K
12K 24K
18K 18K

3 ZONES
6K 6K 6K
6K 6K 9K
6K 6K 12K
6K 6K 18K
6K 6K 24K
6K 9K 9K
6K 9K 12K
6K 9K 18K
6K 12K 12K
6K 12K 18K
9K 9K 9K
9K 9K 12K
9K 9K 18K
9K 12K 12K
12K 12K 12K

4 ZONES
6K 6K 6K 6K
6K 6K 6K 9K
6K 6K 6K 12K
6K 6K 9K 9K
6K 6K 9K 12K
6K 9K 9K 9K
6K 9K 9K 12K
9K 9K 9K 9K

*Note: Units marked in RED can be either a Multi-position Air Handler or other Indoor unit type.

UP TO 5 ZONES



CH-R36MES-230VO

2 ZONES
6K 18K
6K 24K
9K 9K
9K 12K
9K 18K
9K 24K
12K 12K
12K 18K
12K 24K
18K 18K

3 ZONES
6K 6K 6K
6K 6K 9K
6K 6K 12K
6K 6K 18K
6K 6K 24K
6K 9K 9K
6K 9K 12K
6K 9K 18K
6K 9K 24K
6K 12K 12K
6K 12K 18K
6K 12K 24K
6K 18K 18K

3 ZONES
9K 9K 9K
9K 9K 12K
9K 9K 18K
9K 9K 24K
9K 12K 12K
9K 12K 18K
9K 12K 24K
9K 18K 18K
12K 12K 12K
12K 12K 18K
12K 12K 24K
12K 18K 18K

4 ZONES
6K 6K 6K 6K
6K 6K 6K 9K
6K 6K 6K 12K
6K 6K 6K 18K
6K 6K 6K 24K
6K 6K 9K 9K
6K 6K 9K 12K
6K 6K 9K 18K
6K 6K 9K 24K
6K 9K 9K 9K
6K 9K 9K 12K
6K 9K 9K 18K
6K 9K 9K 24K
6K 12K 12K 12K
6K 12K 12K 18K
6K 12K 12K 24K
6K 18K 18K 18K
9K 9K 9K 9K

4 ZONES
6K 9K 9K 12K
6K 9K 9K 18K
6K 9K 9K 24K
6K 12K 12K 12K
6K 12K 12K 18K
6K 12K 12K 24K
6K 18K 18K 18K
9K 9K 9K 9K
9K 9K 9K 12K
9K 9K 9K 18K
9K 9K 9K 24K
9K 12K 12K 12K
9K 12K 12K 18K
9K 12K 12K 24K
9K 18K 18K 18K

5 ZONES
6K 6K 6K 6K 6K
6K 6K 6K 6K 9K
6K 6K 6K 6K 12K
6K 6K 6K 6K 18K
6K 6K 6K 6K 24K
6K 6K 6K 9K 9K
6K 6K 6K 9K 12K
6K 6K 6K 9K 18K
6K 6K 6K 9K 24K
6K 6K 9K 9K 9K
6K 6K 9K 9K 12K
6K 6K 9K 9K 18K
6K 6K 9K 9K 24K
6K 9K 9K 9K 9K
6K 9K 9K 9K 12K
6K 9K 9K 9K 18K
6K 9K 9K 9K 24K
6K 12K 12K 12K 12K
6K 12K 12K 12K 18K
6K 12K 12K 12K 24K
6K 18K 18K 18K 18K

*Note: Units marked in RED can be either a Multi-position Air Handler or other Indoor unit type.

UP TO 6 ZONES



CH-R48MES-230VO

2 ZONES
6K 18K
6K 24K
6K 30K
6K 36K
9K 18K
9K 24K
9K 30K
9K 36K
12K 12K
12K 18K
12K 24K
12K 30K
12K 36K
18K 18K
18K 24K
18K 30K
18K 36K
24K 24K
24K 30K
24K 36K

3 ZONES
6K 6K 18K
6K 6K 24K
6K 6K 30K
6K 6K 36K
6K 9K 12K
6K 9K 18K
6K 9K 24K
6K 9K 30K
6K 9K 36K
6K 12K 12K
6K 12K 18K
6K 12K 24K
6K 12K 30K
6K 12K 36K
6K 18K 18K
6K 18K 24K
6K 18K 30K
6K 18K 36K
9K 9K 9K
9K 9K 12K
9K 9K 18K

3 ZONES
9K 9K 24K
9K 9K 30K
9K 9K 36K
9K 12K 12K
9K 12K 18K
9K 12K 24K
9K 12K 30K
9K 12K 36K
12K 12K 12K
12K 12K 18K
12K 12K 24K
12K 12K 30K
12K 12K 36K
18K 18K 18K

*Note: Units marked in RED can be either a Multi-position Air Handler or other Indoor unit type.

UP TO 6 ZONES



CH-R60MES-230VO

2 ZONES
6K 18K
6K 24K
6K 30K
6K 36K
9K 18K
9K 24K
9K 30K
9K 36K
12K 12K
12K 18K
12K 24K
12K 30K
12K 36K
18K 18K
18K 24K
18K 30K
18K 36K
24K 24K
24K 30K
24K 36K

3 ZONES
6K 6K 18K
6K 6K 24K
6K 6K 30K
6K 6K 36K
6K 9K 9K
6K 9K 12K
6K 9K 18K
6K 9K 24K
6K 9K 30K
6K 9K 36K
6K 12K 12K
6K 12K 18K
6K 12K 24K
6K 12K 30K
6K 12K 36K
6K 18K 18K
6K 18K 24K
6K 18K 30K
6K 18K 36K
9K 9K 9K
9K 9K 12K
9K 9K 18K
9K 9K 24K
9K 9K 30K
9K 9K 36K

3 ZONES
9K 9K 24K
9K 9K 30K
9K 9K 36K
9K 12K 12K
9K 12K 18K
9K 12K 24K
9K 12K 30K
9K 12K 36K
12K 12K 12K
12K 12K 18K
12K 12K 24K
12K 12K 30K
12K 12K 36K
18K 18K 18K

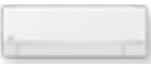
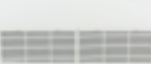
*Note: Units marked in RED can be either a Multi-position Air Handler or other Indoor unit type.

COMBINATION CHART

MULTI-ZONE COMBINATION GUIDE

HYPER

R454B

Btu/h	Astoria Astoria Pro	Olivia	Olivia Midnight	Ceiling Cassette Ceiling Cassette Pro	One-Way Cassette	Slim Duct	New Console	Floor Ceiling	Multi-Position Air Handler
									
							*This unit considered 18K Btu/h		
6K	CH-RH06MASTWM-230VI CH-PRO06MASTWM-230VI	CH-R06MOLVWM-230VII	CH-RB06MOLVWM-230VI	CH-RH09MCT CH-RSH09-12MCT	CH-RSH06-12MCT1W	CH-RS06-12MDT-MS	CH-RSH09MMC		
9K	CH-RH09MASTWM-230VI CH-PRO09MASTWM-230VI	CH-R09MOLVWM-230VI	CH-RB09MOLVWM-230VI						
12K	CH-RH12MASTWM-230VI CH-PRO12MASTWM-230VI	CH-R12MOLVWM-230VI	CH-RB12MOLVWM-230VI						
18K	CH-RH18MASTWM-230VI CH-PRO18MASTWM-230VI	CH-R18MOLVWM-230VI	CH-RB18MOLVWM-230VI	CH-RH18MCT CH-RSH18MCT	CH-RSH18MCT1W	CH-RS18MDT-MS	CH-RSH16MMC*	CH-RSH18MFC	CH-RS18MAHU
24K	CH-RH24MASTWM-230VI CH-PRO24MASTWM-230VI	CH-R24MOLVWM-230VI	CH-RB24MOLVWM-230VI	CH-RH24MCT CH-RSH24MCT		CH-RS24MDT-HS		CH-RSH24MFC	CH-RS24MAHU
30K	CH-RH30MASTWM-230VI CH-PRO30MASTWM-230VI	CH-R30MELVWM-230VI							CH-RS30MAHU
36K	CH-RH36MASTWM-230VI CH-PRO36MASTWM-230VI	CH-R36MELVWM-230VI							

*This unit also available in 15K
CH-RH15MASTWM-230VI / CH-PRO15MASTWM-230VI

• Minimum of two zones must be connected • Minimum line length required per zone is 10 ft. • Port adapters are included with outdoor units, branch boxes not required

			Cooling at 95° F								Heating at 47° F								Refrigerant		Refrigerant Piping						Ambient Temperature	
Model Name		Min. Circuit Ampacity (MCA)	Max. Fuse Size	Capacity (range)	Input (range)	Rated current (range)	SEER2	EER2	Capacity (range)	Input (range)	Rated current (range)	COP	HSPF4	HSPF5	Noise Level	Precharge	Liquid side	Gas side	Max. length for all rooms	Max. length for one indoor unit	Max. height elevation between indoor and outdoor	Max. height elevation between indoor units	Cooling	Heating				
		A	A	Btu/h	W	A			Btu/h	W	A				db	ft	inch	inch	ft	ft	ft	ft	°F	°F				
CH-RVHP19M-230VO	Ducted	17.5	20	19,000(5,400-27,600)	1,460(400-2,350)	7.5(3.5-11)	20	13	20,000(5,700-25,400)	1,460(400-2,350)	7.5(3.5-11)	4	10	8	61.5	75	3x1/4"	3x3/8"	196.8	98.4	49.2	33	-22-122	-22-75				
CH-RVHP19M-230VO	Non-Ducted	17.5	20	19,000(5,400-28,000)	1,265(400-2,250)	5.6(3.5-10)	25	15	20,000(5,700-27,000)	1,265(400-2,250)	5.6(3.5-10)	4	10.4	8.5	61.5	75	3x1/4"	3x3/8"	196.8	98.4	49.2	33	-22-122	-22-75				
CH-RVHP28M-230VO	Ducted	30	35	28,000(7,200-38,000)	2,333(500-4,500)	10.5(4-20)	19	12	28,000(8,400-38,500)	2,333(500-4,500)	10.5(4-20)	3.6	9.5	7.7	61	100	4x1/4"	3x3/8"+1x1/2"	262.4	114.8	49.2	33	-22-122	-22-75				
CH-RVHP28M-230VO	Non-Ducted	30	35	27,000(7,200-37,000)	2,125(500-3,620)	9.5(4-16)	23	12.5	27,000(8,400-36,000)	2,125(500-3,620)	9.5(4-16)	3.8	10.5	8.5	61	100	4x1/4"	3x3/8"+1x1/2"	262.4	114.8	49.2	33	-22-122	-22-75				
CH-RVHP36M-230VO	Ducted	37	40	36,000(9,000-42,000)	3,000(600-4,200)	13.4(5.2-19)	19.4	12	36,000(10,000-45,000)	3,000(600-4,200)	13.4(5.2-19)	3.8	10.4	8.8	65	125	5x1/4"	3x3/8"+21x1/2"	262.4	114.8	49.2	33	-22-122	-22-75				
CH-RVHP36M-230VO	Non-Ducted	37	40	36,000(9,000-43,000)	2,750(600-4,000)	12(5.2-17.8)	23	13	36,000(10,000-44,000)	2,750(600-4,000)	12(5.2-17.8)	4	10.7	8.5	65	125	5x1/4"	3x3/8"+21x1/2"	262.4	114.8	49.2	33	-22-122	-22-75				
CH-RVHP48M-230VO	Ducted	37	40	47,000(12,000-57,000)	4,020(800-5,700)	17.9(7-25)	20.4	11.7	48,000(13,000-60,000)	4,020(800-5,700)	17.9(7-25)	3.5	11	9	65	150	6x1/4"	4x3/8"+2x1/2"	262.4	114.8	49.2	33	-22-122	-22-75				
CH-RVHP48M-230VO	Non-Ducted	37	40	47,000(12,000-57,000)	3,917(800-5,400)	17.3(7-24)	23	12	49,000(13,000-57,000)	3,917(800-5,400)	17.3(7-24)	3.7	11	9	65	150	6x1/4"	4x3/8"+2x1/2"	262.4	114.8	49.2	33	-22-122	-22-75				
CH-RVHP55M-230VO	Ducted	39.5	40	53,000(19,000-60,000)	4,530(1,200-6,100)	21(10-27)	20	11.7	55,000(20,000-61,000)	4,530(1,200-6,100)	21(10-27)	3.7	10.7	8.8	65	150	6x1/4"	4x3/8"+2x1/2"	262.4	114.8	49.2	33	-22-122	-22-75				
CH-RVHP55M-230VO	Non-Ducted	39.5	40	51,000(19,000-59,000)	4,250(1,100-5,400)	18.5(10.5-24)	22.2	12	55,000(20,000-59,000)	4,250(1,200-5,400)	18.5(10.5-24)	3.5	10.5	8.5	65	150	6x1/4"	4x3/8"+2x1/2"	262.4	114.8	49.2	33	-22-122	-22-75				

UP TO 3 ZONES



CH-RVHP19M-230VO

2 ZONES
6K 6K
6K 9K
6K 12K
6K 18K
6K 24K
9K 9K
9K 12K
9K 18K
9K 24K
12K 12K
12K 18K
12K 24K
18K 18K

3 ZONES
6K 6K 6K
6K 6K 9K
6K 6K 12K
6K 6K 18K
6K 6K 24K
6K 9K 9K
6K 9K 12K
6K 9K 18K
6K 12K 12K
6K 12K 18K
9K 9K 9K
9K 9K 12K
9K 9K 18K
12K 12K 12K

UP TO 4 ZONES



CH-RVHP28M-230VO

2 ZONES	2 ZONES
6K 18K	9K 24K
6K 24K	12K 12K
9K 9K	12K 18K
9K 12K	12K 24K
9K 18K	18K 18K

3 ZONES
6K 6K 6K
6K 6K 9K
6K 6K 12K
6K 6K 18K
6K 6K 24K
6K 9K 9K
6K 9K 12K
6K 9K 18K
6K 12K 12K
6K 12K 18K
6K 12K 24K
6K 18K 18K

3 ZONES
6K 6K 6K
6K 6K 9K
6K 6K 12K
6K 6K 18K
6K 6K 24K
6K 9K 9K
6K 9K 12K
6K 9K 18K
6K 12K 12K
6K 12K 18K
6K 12K 24K
6K 18K 18K

4 ZONES	4 ZONES
6K 6K 6K 6K	6K 9K 9K 18K
6K 6K 6K 9K	6K 9K 9K 24K
6K 6K 6K 12K	6K 9K 12K 12K
6K 6K 6K 18K	6K 9K 12K 18K
6K 6K 6K 24K	6K 12K 12K 12K
6K 6K 9K 9K	6K 12K 12K 18K
6K 6K 9K 12K	6K 12K 12K 24K
6K 6K 9K 18K	6K 12K 12K 24K
6K 6K 9K 24K	6K 12K 18K 18K
6K 6K 12K 12K	6K 12K 18K 24K
6K 6K 12K 18K	6K 12K 24K 24K
6K 6K 12K 24K	6K 18K 18K 18K
6K 6K 18K 18K	6K 18K 18K 18K
6K 9K 9K 9K	6K 18K 18K 24K
6K 9K 9K 12K	6K 18K 24K 24K
6K 9K 9K 18K	6K 24K 24K 24K
6K 9K 9K 24K	6K 24K 24K 24K
6K 12K 12K 12K	6K 24K 24K 24K
6K 12K 12K 18K	6K 24K 24K 24K
6K 12K 12K 24K	6K 24K 24K 24K
6K 12K 18K 18K	6K 24K 24K 24K
6K 12K 18K 24K	6K 24K 24K 24K
6K 12K 24K 24K	6K 24K 24K 24K
6K 18K 18K 18K	6K 24K 24K 24K
6K 18K 18K 24K	6K 24K 24K 24K
6K 18K 24K 24K	6K 24K 24K 24K
6K 24K 24K 24K	6K 24K 24K 24K

UP TO 5 ZONES



CH-RVHP36M-230VO

2 ZONES
6K 18K
6K 24K
6K 30K
6K 36K
9K 18K
9K 24K
9K 30K
9K 36K
12K 12K
12K 18K
12K 24K
12K 30K
12K 36K
18K 18K
18K 24K
18K 30K
24K 24K

3 ZONES	3 ZONES
6K 6K 12K	9K 9K 9K
6K 6K 18K	9K 9K 12K
6K 6K 24K	9K 9K 18K
6K 6K 30K	9K 9K 24K
6K 6K 36K	9K 9K 30K
6K 9K 9K	9K 12K 12K
6K 9K 12K	9K 12K 18K
6K 9K 18K	9K 12K 24K
6K 9K 24K	9K 18K 18K
6K 12K 12K	9K 18K 24K
6K 12K 18K	9K 24K 24K
6K 12K 24K	12K 12K 12K
6K 12K 30K	12K 12K 18K
6K 12K 36K	12K 12K 24K
18K 18K	12K 18K 18K
18K 24K	12K 18K 24K
18K 30K	12K 18K 30K
24K 24K	12K 24K 24K

4 ZONES
6K 6K 6K 6K
6K 6K 6K 9K
6K 6K 6K 12K
6K 6K 6K 18K
6K 6K 6K 24K
6K 6K 9K 9K
6K 6K 9K 12K
6K 6K 9K 18K
6K 6K 9K 24K
6K 6K 12K 12K
6K 6K 12K 18K
6K 6K 12K 24K
6K 6K 18K 18K
6K 6K 18K 24K
6K 6K 24K 24K
6K 9K 9K 9K
6K 9K 9K 12K
6K 9K 9K 18K
6K 9K 9K 24K

4 ZONES
6K 9K 9K 9K
6K 9K 9K 12K
6K 9K 9K 18K
6K 9K 9K 24K
6K 9K 12K 12K
6K 9K 12K 18K
6K 9K 12K 24K
6K 9K 18K 18K
6K 9K 18K 24K
6K 9K 24K 24K
6K 12K 12K 12K
6K 12K 12K 18K
6K 12K 12K 24K
6K 12K 18K 18K
6K 12K 18K 24K
6K 12K 24K 24K
6K 18K 18K 18K
6K 18K 18K 24K
6K 18K 24K 24K
6K 24K 24K 24K

4 ZONES
9K 9K 9K 24K
9K 9K 12K 12K
9K 9K 12K 18K
9K 9K 12K 24K
9K 9K 18K 18K
9K 9K 18K 24K
9K 9K 24K 24K
9K 12K 12K 12K
9K 12K 12K 18K
9K 12K 12K 24K
9K 12K 18K 18K
9K 12K 18K 24K
9K 12K 24K 24K
9K 18K 18K 18K
9K 18K 18K 24K
9K 18K 24K 24K
9K 24K 24K 24K

5 ZONES
6K 6K 6K 6K 6K
6K 6K 6K 6K 9K
6K 6K 6K 6K 12K
6K 6K 6K 6K 18K
6K 6K 6K 6K 24K
6K 6K 6K 9K 9K
6K 6K 6K 9K 12K
6K 6K 6K 9K 18K
6K 6K 6K 9K 24K
6K 6K 6K 12K 12K
6K 6K 6K 12K 18K
6K 6K 6K 12K 24K
6K 6K 6K 18K 18K
6K 6K 6K 18K 24K
6K 6K 6K 24K 24K
6K 6K 9K 9K 9K
6K 6K 9K 9K 12K
6K 6K 9K 9K 18K
6K 6K 9K 9K 24K
6K 6K 9K 12K 12K
6K 6K 9K 12K 18K
6K 6K 9K 12K 24K
6K 6K 9K 18K 18K
6K 6K 9K 18K 24K
6K 6K 9K 24K 24K
6K 9K 9K 9K 9K
6K 9K 9K 9K 12K
6K 9K 9K 9K 18K
6K 9K 9K 9K 24K
6K 9K 9K 12K 12K
6K 9K 9K 12K 18K
6K 9K 9K 12K 24K
6K 9K 9K 18K 18K
6K 9K 9K 18K 24K
6K 9K 9K 24K 24K
6K 12K 12K 12K 12K
6K 12K 12K 12K 18K
6K 12K 12K 12K 24K
6K 12K 12K 18K 18K
6K 12K 12K 18K 24K
6K 12K 12K 24K 24K
6K 12K 18K 18K 18K
6K 12K 18K 18K 24K
6K 12K 18K 24K 24K
6K 12K 24K 24K 24K

UP TO 6 ZONES



CH-RVHP48M-230VO

CH-RVHP55M-230VO

2 ZONES
6K 18K
6K 24K
6K 30K
6K 36K
9K 18K
9K 24K
9K 30K
9K 36K
12K 12K
12K 18K
12K 24K
12K 30K
12K 36K
18K 18K
18K 24K
18K 30K
18K 36K
24K 24K
24K 30K
24K 36K

3 ZONES			3 ZONES		
6K	6K	18K	9K	9K	24K
6K	6K	24K	9K	9K	30K
6K	6K	30K	9K	9K	36K
6K	6K	36K	9K	12K	12K
6K	9K	9K	9K	12K	18K
6K	9K	12K	9K	12K	24K
6K	9K	18K	9K	12K	30K
6K	9K	24K	9K	12K	36K
6K	9K	30K	9K	18K	18K
6K	9K	36K	9K	18K	24K
6K	12K	12K	9K	18K	30K
6K	12K	18K	9K	18K	36K
6K	12K	24K	12K	12K	12K
6K	12K	30K	12K	12K	18K
6K	12K	36K	12K	12K	24K
6K	18K	18K	12K	12K	30K
6K	18K	24K	12K	12K	36K
6K	18K	30K	12K	18K	18K
6K	18K	36K	12K	18K	24K
9K	9K	9K	12K	18K	30K
9K	9K	12K	12K	18K	36K
9K	9K	18K	18K	18K	18K