

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-R506MASTWM-230VI								
9K	CH-R509MASTWM-230VI CH-PRO09MASTWM-230VI	CH-R09MOLVWM-230VI	CH-RB09MOLVWM-230VI	CH-RH09MCT CH-RSH09-12MCT	CH-RSH06-12MCT1W	CH-RS06-12MDT-MS	CH-RSH09MMC		
12K	* CH-R512MASTWM-230VI CH-PRO12MASTWM-230VI	CH-R12MOLVWM-230VI	CH-RB12MOLVWM-230VI	CH-RH12MCT CH-RSH09-12MCT					
18K	CH-RS18MASTWM-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-RS24MASTWM-230VI CH-PRO24MASTWM-230VI	CH-R24MOLVWM-230VI	CH-RB24MOLVWM-230VI	CH-RH24MCT CH-RSH24MCT		CH-RS24MDT-HS		CH-RSH24MFC	CH-RS24MAHU
30K	CH-RS30ASTWM-230VI CH-PRO30MASTWM-230VI	CH-R30MELVWM-230VI							CH-RS30MAHU
36K	CH-RS36ASTWM-230VI CH-PRO36HASTWM-230VI	CH-R36MELVWM-230VI							

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

**This unit considered 18K Btu/h*

• 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	Capacity	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/(3.5-9.5)			Btu/h	W	A/(3-7)				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

3 ZONES
6K 6K 6K
6K 6K 9K
6K 9K 9K

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
9K 9K 9K
6K 6K 12K
6K 6K 18K
6K 6K 24K
6K 9K 9K
6K 9K 12K
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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
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6K 6K 12K 18K
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6K 9K 9K 9K

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

**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 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 18K
9K 9K 24K
9K 9K 30K
9K 9K 36K
12K 12K 12K
12K 12K 18K
12K 12K 24K
12K 12K 30K
12K 12K 36K
18K 18K 18K
18K 18K 24K
18K 18K 30K
18K 18K 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
9K 18K 18K
9K 18K 24K
9K 18K 30K
9K 18K 36K
12K 12K 12K
12K 12K 18K
12K 12K 24K
12K 12K 30K
12K 12K 36K
18K 18K 18K
18K 18K 24K
18K 18K 30K
18K 18K 36K

**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
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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
12K 12K 12K
12K 12K 18K
12K 12K 24K
12K 12K 30K
12K 12K 36K
18K 18K 18K
18K 18K 24K
18K 18K 30K
18K 18K 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
9K 18K 18K
9K 18K 24K
9K 18K 30K
9K 18K 36K
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18K 18K 36K

4 ZONES
6K 6K 6K 6K
6K 6K 6K 9K
6K 6K 6K 12K
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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 18K 30K
6K 6K 18K 36K
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 12K 30K
6K 9K 12K 36K
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