

MULTI-ZONE COMBINATION GUIDE



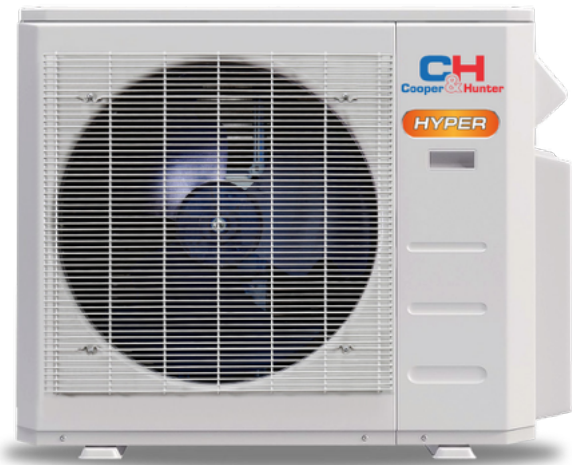
Btu/h	Astoria	Olivia	Olivia Midnight	Ceiling Cassette	One-Way Cassette	Slim Duct	New Console	Floor Ceiling	Multi-Position Air Handler
6K	CH-06MASTWM-230VI	CH-06MOLVWM-230VI	CH-B06MOLVWM-230VI		CH-06MCT1W-230VI				
9K	CH-09MASTWM-230VI	CH-09MOLVWM-230VI	CH-B09MOLVWM-230VI	CH-09MSPHCT-230VI	CH-09MCT1W-230VI	CH-M09DTUI			
12K	CH-12MASTWM-230VI	CH-12MOLVWM-230VI	CH-B12MOLVWM-230VI	CH-12MSPHCT-230VI	CH-12MCT1W-230VI	CH-M12DTUI	CH-12MMC-230VI		
18K	CH-18MASTWM-230VI	CH-18MOLVWM-230VI	CH-B18MOLVWM-230VI	CH-18MSPHCT-230VI	CH-18MCT1W-230VI	CH-M18DTUI	CH-16MMC-230VI*	CH-18MSPHFC-230VI	CH-M18AHU
24K	CH-24MASTWM-230VI	CH-24MOLVWM-230VI	CH-B24MOLVWM-230VI	CH-N24MSPHCT-230VI*		CH-M24DTUI		CH-24MSPHFC-230VI	CH-M24AHU
30K	CH-30ASTWM-230VI	CH-30ELVWM-230VI CH-30ELSPHWM-230VI		*this design only available on this model					
36K	CH-36ASTWM-230VI	CH-36ELVWM-230VI CH-36ELSPHWM-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

*This unit considered 18K Btu/h

Model Name	Min. Circuit Ampacity (MCA)	Max. Fuse Size	Cooling at 95° F					Heating at 47° F					Noise Level	Refrigerant		Refrigerant Piping				Ambient Temperature			
			Capacity (range)	Input (range)	Rated current (range)	SEER2	EER2	Capacity (range)	Input (range)	Rated current (range)	COP	HSPF4		HSPF5	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
CH-HPR19M-230VO	20	25	19,000(5,500-25,000)	1,520(230-2,200)	9.1(2.7-9.8)	22	12.5	20,000(8,100-29,600)	1,725(640-2,700)	9.4(4.5-12.0)	3.4	9.8	7.7	61	25x2	2x1/4"	2x3/8"	131.23	82.02	49.21	33	5-122	-22-75
CH-HPR28M-230VO	25	40	28,000(8,000-32,800)	2,240(275-3,493)	12.4(2.43-15.55)	23	12.5	28,000(5,000-38,500)	2,240(303-4,074)	10.5(2.26-18.08)	3.66	10.6	8.1	63	25x3	3x1/4"	2x3/8"+1x1/2"	196.85	98.42	49.21	33	5-122	-22-75
CH-HPR36M-230VO	40	60	36,000(17,900-42,000)	2,650(740-4,030)	11.8(4.2-17.6)	22.2	13.6	37,000(12,500-51,000)	2,780(770-5,230)	12.0(4.4-22.8)	3.9	10.3	8.3	63	25x4	4x1/4"	2x3/8"+2x1/2"	262.46	114.83	49.21	33	5-122	-22-75
CH-HPR48M-230VO	42	50	48,000(19,300-51,000)	4,190(685-4,700)	18.0(5.1-20.7)	21.8	11.7	49,000(11,500-58,000)	3,780(710-5,800)	17.8(5.3-25.5)	3.8	9.8	7.6	65	25x5	5x1/4"	3x3/8"+2x1/2"	262.46	114.83	49.21	33	5-122	-22-75
CH-HPR55M-230VO	40	60	55,000(19,000-58,000)	5,238(750-5,850)	23.5(4.3-26)	22	10.5	55,000(12,500-57,500)	5,285(770-5,650)	23.5(4.4-25)	3.5	9.3	7.3	63	25x5	5x1/4"	3x3/8"+2x1/2"	262.46	114.83	49.21	33	5-122	-22-75

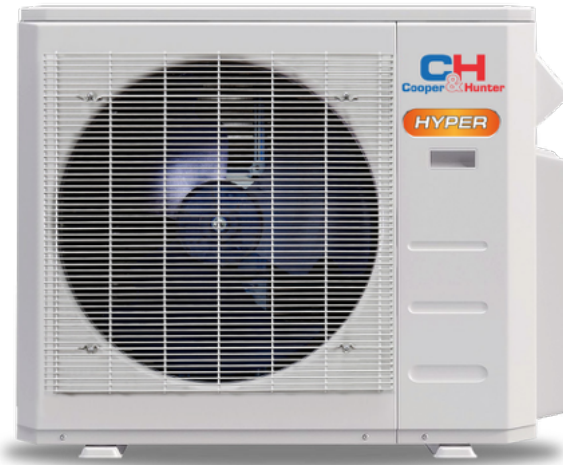
UP TO 2 ZONES



CH-HPR19M-230VO

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

UP TO 3 ZONES



CH-HPR28M-230VO

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

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

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

UP TO 4 ZONES



CH-HPR36M-230VO

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

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

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

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

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

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

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

