

MRCOOL

# Olympus Multi-Zone Series

Ductless Mini-Split Heat Pump A/C

*Divine Comfort*



Multi-Zone Flexibility  
Versatile Installation  
Superior Performance  
Energy Efficient



works with the  
Google Assistant

JUST ASK  
amazon alexa

SMART CONTROLLER



**MRCOOL**<sup>®</sup>  
COMFORT MADE SIMPLE

Version Date: 01-14-2022

# Best Features



Smartphone App



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Gold Fin® Condenser



DC Inverter



Multi-zone flexibility



Versatile Installation



Superior Performance



Energy Efficient

## Specification

HEAT PUMP CONDENSER - Outdoor Model		MULTI2-18HP230V1	MULTI3-27HP230V1	MULTI4-36HP230V1	MULTI5-48HP230V1
Max Number of Zones		2	3	4	5
Power Supply	Ph-V-Hz	208-230V/60Hz/1	208-230V/60Hz/1	208-230V/60Hz/1	208-230V/60Hz/1
SEER	A	22.5	23	22.5	22.4
Minimum Circuit (Disconnect)	A	18	25	30	35
Maximum Fuse (Breaker)	A	25	35	45	50
Net Dimension (WxDxH)	inch	33.27 x 14.29 x 27.64	37.24 x 16.14 x 31.89	37.24 x 16.14 x 31.89	37.48 x 16.34 x 52.48
Packing Dimension (WxDxH)	inch	37.99 x 15.55 x 30.12	42.91 x 19.69 x 34.45	42.91 x 19.69 x 34.84	43.11 x 19.49 x 58.27
Net weight	lbs	105.82	149.91	156.53	223.77
Gross Weight	Outdoor lbs	114.64	152.12	167.55	255.07
Outdoor noise level	dB(A)	61.5	62.5	61	64
WALL MOUNTED - Indoor Model		0-09-HP-WMAH-230A	0-12-HP-WMAH-230A	0-18-HP-WMAH-230A	0-24-HP-WMAH-230A
Power Supply	Ph-V-Hz	208-230V/60Hz/1	208-230V/60Hz/1	208-230V/60Hz/1	208-230V/60Hz/1
Minimum Circuit (Disconnect)	A	3	3	3	3
Maximum Fuse (Breaker)	A	15	15	15	15
Net Dimension (WxDxH)	inch	32.87 x 7.80 x 11.02	32.87 x 7.80 x 11.02	38.98 x 8.58 x 12.40	46.69 x 10.16 x 13.50
Packing Dimension (WxDxH)	inch	35.83 x 10.63 x 14.17	35.83 x 10.63 x 13.98	41.93 x 11.81 x 15.75	49.80 x 16.53 x 14.17
Net weight	lbs	18.51	18.51	25.13	37.70
Gross Weight	lbs	25.4	25.4	34.8	44.09
Piping Size Liquid side/Gas side	inch	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"
CEILING CASSETTE - Indoor Model		CASSETTE12HP-230	CASSETTE18HP-230	CASSETTE24HP-230	
Power Supply	Ph-V-Hz	208-230V/60Hz/1	208-230V/60Hz/1	208-230V/60Hz/1	
Minimum Circuit (Disconnect)	A	1.3	1.9	2.5	
Maximum Fuse (Breaker)	A	15	15	15	
Net Dimension (WxDxH)	inch	22.44 x 22.44 x 10.24	22.44 x 22.44 x 10.24	33.07 x 33.07 x 8.07	
Packing Dimension (WxDxH)	inch	26.06 x 26.06 x 12.48	26.06 x 26.06 x 12.48	35.43 x 35.43 x 8.86	
Net weight	lbs	35.27	35.71	46.80	
Gross Weight	lbs	41.01	46.96	54.23	
Piping Size Liquid side/Gas side	inch	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"	
CEILING RECESSED - Indoor Model		DUCT-09HP-230	DUCT-12HP-230	DUCT-18HP-230	DUCT-24HP-230
Power Supply	Ph-V-Hz	208-230V/60Hz/1	208-230V/60Hz/1	208-230V/60Hz/1	208-230V/60Hz/1
Minimum Circuit (Disconnect)	A	1.3	1.3	3	3
Maximum Fuse (Breaker)	A	15	15	15	15
Net Dimension (WxDxH)	inch	27.56 x 19.92 x 7.87	27.56 x 19.92 x 7.87	34.65 x 26.53 x 8.26	43.31 x 30.47 x 9.80
Packing Dimension (WxDxH)	inch	33.85 x 21.25 x 11.22	33.85 x 21.25 x 11.22	42.13 x 28.54 x 11.02	51.37 x 31.69 x 12.40
Net weight	lbs	39.02	39.24	55.34	90.39
Gross Weight	lbs	48.28	48.50	67.02	105.82
Piping Size Liquid side/Gas side	inch	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"

## Specification - Match-Ups

### MULTI2-18HP230V1 (18K) - 2 COMBINATIONS

Two Units	
9K + 9K	9K + 12K*

### MULTI3-27HP230V1 (27K) - 11 COMBINATIONS

Two Units		Three Units	
9K + 9K	9K + 12K	9K + 9K + 9K	9K + 12K + 12K*
9K + 9K	12K + 18K*	9K + 9K + 12K*	12K + 12K + 12K*
9K + 18K	18K + 18K*	9K + 9K + 18K*	

### MULTI4-36HP230V1 (36K) - 27 COMBINATIONS

Two Units		Three Units		Four Units	
9K + 18K	12K + 24K	9K + 9K + 9K	9K + 12K + 24K*	9K + 9K + 9K + 9K	12K + 12K + 12K + 12K*
9K + 24K	18K + 18K	9K + 9K + 12K	9K + 18K + 18K*	9K + 9K + 9K + 12K*	
12K + 18K	24K + 24K*	9K + 9K + 18K	12K + 12K + 12K	9K + 9K + 9K + 18K*	
12K + 18K	24K + 24K*	9K + 9K + 24K*	12K + 12K + 18K*	9K + 9K + 12K + 12K*	
		9K + 12K + 12K	12K + 12K + 24K*	9K + 9K + 12K + 18K*	
		9K + 12K + 18K*	12K + 18K + 18K*	9K + 12K + 12K + 12K*	

### MULTI5-48HP230V1 (48K) - 28 COMBINATIONS

Two Units		Three Units		Four Units		Five Units
9K + 24K	18K + 24K	9K + 9K + 18K	12K + 12K + 12K	9K + 9K + 9K + 9K	12K + 12K + 12K + 18K*	9K + 9K + 9K + 9K + 9K
12K + 24K	24K + 24K	9K + 9K + 24K	12K + 12K + 18K	9K + 9K + 9K + 12K		9K + 9K + 9K + 9K + 12K
18K + 18K		9K + 12K + 12K	12K + 12K + 24K	9K + 9K + 9K + 18K		9K + 9K + 9K + 12K + 12K*
		9K + 12K + 18K	12K + 18K + 18K	9K + 9K + 12K + 12K		
		9K + 12K + 24K	18K + 18K + 18K*	9K + 9K + 12K + 18K		
		9K + 18K + 18K		9K + 12K + 12K + 12K		
				9K + 12K + 12K + 18K*		
				12K + 12K + 12K + 12K		

**Note:** It is critical to size the outdoor unit for the entire building load and each indoor unit for its individual zone load.

\* If all indoor units (handlers) run simultaneously, their combined BTU output will not exceed the BTU rating of the outdoor unit (condenser).

NOTE: MULTI4-36HP230V1(36K) condenser combinations are not Energy Star certified.





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