

MRCOOL

# Olympus Multi-Zone Series Ductless Mini-Split Heat Pump A/C

## Divine Comfort



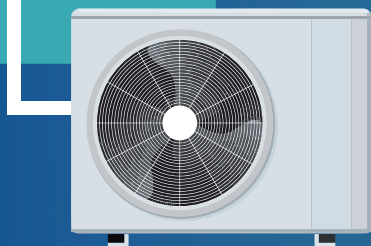
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**SMART CONTROLLER**

Multi-Zone Flexibility  
Versatile Installation  
Superior Performance  
Energy Efficient  
7 Year Compressor &  
5 Year Parts Warranty



# Best Features



Smartphone App



Follow me®



Gold Fin® Condenser



DC Inverter



Multi-zone flexibility



Versatile Installation



Superior Performance



Energy Efficient

## Specification

HEAT PUMP CONDENSOR - 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 29.72	42.91 x 19.69 x 34.06	42.91 x 19.69 x 34.06	43.11 x 19.49 x 54.53
Net weight	lbs	105.82	149.91	156.53	223.77
Gross Weight	Outdoor lbs	114.64	160.94	167.55	255.07
Outdoor noise level	dB(A)	62.4	63.4	62.3	64

WALL MOUNTED - Indoor Model		MULTI2-18HP230V1	MULTI3-27HP230V1	MULTI4-36HP230V1	MULTI5-48HP230V1
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	9	9	18	20
Maximum Fuse (Breaker)	A	15	15	25	30
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 13.39
Packing Dimension (WxDxH)	inch	35.83 x 10.63 x 13.98	35.83 x 10.63 x 13.98	41.93 x 11.81 x 15.75	49.80 x 16.53 x 13.39
Net weight	lbs	19.8	19.8	26.9	40.1
Gross Weight	lbs	25.4	25.4	34.8	50.3
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	10.3
Maximum Fuse (Breaker)	A	15	15	17.5
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	25.79 x 25.79 x 11.42	25.79 x 25.79 x 11.42	35.43 x 35.43 x 8.54
Net weight	lbs	35.27	39.68	45.19
Gross Weight	lbs	41.88	46.3	52.91
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	1.2	1.3	1.9	2.5
Maximum Fuse (Breaker)	A	15	15	15	15
Net Dimension (WxDxH)	inch	27.56 x 25 x 8.27	27.56 x 25 x 8.27	36.22 x 25 x 8.27	36.22 x 25 x 10.63
Packing Dimension (WxDxH)	inch	36.02 x 25.79 x 11.42	36.02 x 25.79 x 11.42	44.68 x 25.79 x 11.42	44.68 x 25.79 x 13.78
Net weight	lbs	39.9	39.9	50.7	57.32
Gross Weight	lbs	50.27	50.27	63.93	68.34
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

9K + 9K      9K + 12K

9K + 9K      12K + 18K\*

9K + 18K      18K + 18K\*

#### Three Units

9K + 9K + 9K      9K + 12K + 12K\*

9K + 9K + 12K\*      12K + 12K + 12K\*

9K + 9K + 18K\*

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

#### Two Units

9K + 18K      12K + 24K

9K + 24K      18K + 18K

12K + 18K      24K + 24K\*

12K + 18K      24K + 24K\*

#### Three Units

9K + 9K + 9K      9K + 12K + 24K\*

9K + 9K + 12K      9K + 18K + 18K\*

9K + 9K + 18K      12K + 12K + 12K

9K + 9K + 24K\*      12K + 12K + 18K\*

9K + 12K + 12K      12K + 12K + 24K\*

9K + 12K + 18K\*      12K + 18K + 18K\*

#### Four Units

9K + 9K + 9K + 9K      12K + 12K + 12K + 12K\*

9K + 9K + 9K + 12K\*

9K + 9K + 9K + 18K\*

9K + 9K + 12K + 12K\*

9K + 9K + 12K + 18K\*

9K + 12K + 12K + 12K\*

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

#### Two Units

9K + 24K      18K + 24K

12K + 24K      24K + 24K

18K + 18K

#### Three Units

9K + 9K + 18K      12K + 12K + 12K

9K + 9K + 24K      12K + 12K + 18K

9K + 12K + 12K      12K + 12K + 24K

9K + 12K + 18K      12K + 18K + 18K

9K + 12K + 24K      18K + 18K + 18K\*

9K + 18K + 18K

#### Four Units

9K + 9K + 9K + 9K      12K + 12K + 12K + 18K\*

9K + 9K + 9K + 12K

9K + 9K + 9K + 18K

9K + 9K + 12K + 12K

9K + 9K + 12K + 18K

9K + 12K + 12K + 12K

9K + 12K + 12K + 18K\*

12K + 12K + 12K + 12K

#### Two Units

9K + 9K + 9K + 9K + 9K

9K + 9K + 9K + 9K + 12K

9K + 9K + 9K + 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.





# MRCOOL®

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**\*Excluding Cassettes  
and Ceiling Recessed.**

Version Date 8-12-2021

