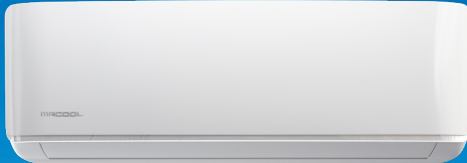


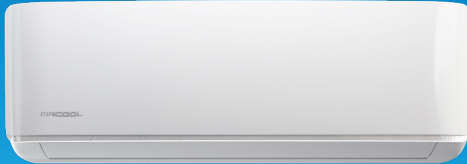
## DIY® Series Multi-Zone

Patented Ductless Mini-Split Heat Pump A/C

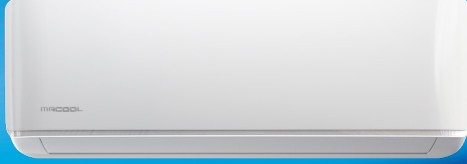
ZONE 5



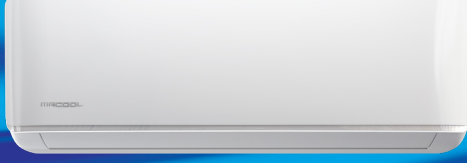
ZONE 4



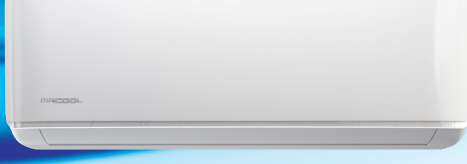
ZONE 3



ZONE 2



ZONE 1



# Simple, easy air comfort in up to 5 zones.

The MRCOOL® DIY® Multi-Zone Series ductless mini-split is the only whole-home mini-split solution you can install yourself.

**BEST WARRANTY IN THE INDUSTRY!**

**\*LIMITED LIFETIME COMPRESSOR WARRANTY**

**\*\*7 YEARS UNIT REPLACEMENT (COMPRESSOR) WARRANTY**

**5 YEARS PARTS WARRANTY**



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**SMART HVAC CONTROLLER®**

- ✓ Easy DIY® Installation
- ✓ Pre-Charged DIY® Quick Connect Line Set
- ✓ Energy Efficient
- ✓ Multi-Room Comfort
- ✓ Gold Fin® Condenser
- ✓ DIY Pro® Cable
- ✓ Eco Safe R-410A Refrigerant
- ✓ Lifetime Technical Support
- ✓ Follow Me® Feature
- ✓ Low Ambient Cooling



Scan here for the latest version of this brochure.

# DIY® Quick Connect®

## FACTORY CHARGED LINE SET\*

The patented MRCOOL® DIY® Quick Connect® Line Set\* is 100% accurately pre-charged with R-410A refrigerant. This makes installation quick and easy with no vacuum required.

- ✓ Kink Resistant
- ✓ Simple to Use Screw On Quick Connect® Valves
- ✓ Available in 16', 25', 35' & 50' lengths
- ✓ Line sizes 1/4", 1/2" & 3/8", 5/8"
- ✓ Multi-Zone Condenser includes adapter for the 24K Air Handler (3/8", 5/8" Line Size)
- ✓ Leak Proof
- ✓ No Vacuum Needed
- ✓ 100% Accurately Pre-Charged R-410A Refrigerant
- ✓ Create Longer Line Sets With the MRCOOL® DIY® Coupler

The MRCOOL® DIY® Quick Connect® Line Set\* is intended for use with the MRCOOL® DIY® Single or Multi-Zone Units.



Easy DIY® installation



Smartphone App



Easy Quick Connect®



Leakage Detection



DIY Pro™ Cable



Low Ambient Cooling\*



DC Inverter



Gold Fin® Condenser



Follow Me® Function

# SPECIFICATIONS

HEAT PUMP CONDENSER-Outdoor Model		DIY-MULTI2-18HP230C	DIY-MULTI3-27HP230C	DIY-MULTI4-36HP230C	DIY-MULTI5-48HP230C
<b>Maximum Number of Zones</b>	<b>UNIT</b>	2	3	4	5
EER2	Btu/w	12.5	12.0	10.5	11.0
SEER2	Btu/w	21.2	22.0	21.5	20.5
HSPF2-4	Btu/Hr/w	9.6	9.5	8.8	9.2
HSPF2-5	Btu/Hr/w	7.5	7.3	6.8	7
Power Supply	V~Hz, ph	208-230~60, 1	208-230~60, 1	208-230~60, 1	208-230~60, 1
Minimum Circuit Ampacity (Outdoor)	A	18.0	26.0	27.0	40.0
Maximum Fuse (Breaker)	A	25.0	40.0	45.0	60.0

## DIMENSIONS & WEIGHT

Net Dimension (WxDxH)	inch	35.04 x 13.46 x 26.50	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	40.94 x 17.64 x 29.33	42.91 x 19.69 x 34.84	42.91 x 19.88 x 37.01	43.11 x 19.49 x 58.27
Net Weight	lbs	100.53	139.99	170.42	222.89
Gross Weight	lbs	111.11	157.19	187.83	254.41
Noise Level	dB(A)	59	61	65	61.5

## REFRIGERANT & PIPING

Refrigerant R-410A	oz	65.00	91.71	134.04	162.00
Piping Size Liquid Side - Gas Side	inch	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2" *(3/8" - 5/8")	1/4" - 1/2" *(3/8" - 5/8")

\* If you are using a 24K or greater capacity Air Handler with a 4-zone or 5-zone condenser, you will need to install the included line set adapter kit to the outside unit, before the line set can be connected. This requires you to replace both of the connected couplings that are on port A of the outside unit, so the air handler can be connected.

WALL MOUNTED-Indoor Model	Indoor Unit	DIY-09-HP-WMAH-230C25	DIY-12-HP-WMAH-230C25	DIY-18-HP-WMAH-230C25	DIY-24-HP-WMAH-230C25	DIY-36-HP-WMAH-230C25
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## ELECTRICAL PARTS

Power Supply	V~Hz,ph	208-230~60,1	208-230~,60,1	208-230~,60,1	208-230~,60,1	208-230~,60,1
Minimum Circuit (Disconnect)	A	3.0	3.0	3.0	3.0	3.0
Maximum Fuse (Breaker)	A	15.0	15.0	15.0	15.0	15.0
Noise Level (Hi/Mi/Lo)	dB(A)	43.5/40/35/25	43.5/40/35/25	44.5/37/31	48.5/43.5/33	52/45/34

## DIMENSIONS & WEIGHT

Net Dimension (WxDxH)	inch	31.57 x 7.44 x 11.69	31.57 x 7.44 x 11.69	42.52 x 8.90 x 13.19	42.52 x 8.90 x 13.19	49.57 x 11.10 x 14.25
Packing Dimension (WxDxH)	inch	36.02 x 16.34 x 13.98	36.02 x 16.34 x 13.98	49.09 x 19.57 x 17.32	49.09 x 19.57 x 17.32	56.69 x 21.26 x 19.69
Net Weight	lbs	23.8	23.6	34.61	35.27	47.84
Gross Weight	lbs	34.4	34.17	56.00	60.19	78.26



\*If the original owner does not register the unit, the warranty defaults to the standard 5 year parts, 7 year compressor warranty.

\*\*The original, registered owner must be enrolled in the MrCool Care Program every year in order to qualify for the 7 year full unit replacement for compressor failure and lifetime compressor replacement.



# Multi-Zone Matchups



## DIY® MULTI ZONE CONDENSER/AIR HANDLER MATCHUPS

Air handlers may be Ceiling Cassette or Wall Mounted

### DIY-MULTI2-18HP230C

#### TWO UNITS

9K + 9K      9K + 12K      12K + 12K

### DIY-MULTI3-27HP230C

#### TWO UNITS

9K + 9K      12K + 12K  
9K + 12K      12K + 18K  
9K + 18K      18K + 18K

#### THREE UNITS

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

### DIY-MULTI4-36HP230C

#### TWO UNITS

9K + 9K      9K + 12K      9K + 18K  
9K + 24K      12K + 12K      12K + 18K  
12K + 24K      18K + 18K

#### THREE UNITS

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 + 18K + 18K      12K + 12K + 24K

#### FOUR UNITS

9K + 9K + 9K + 9K      9K + 9K + 9K + 12K      9K + 9K + 9K + 18K  
9K + 9K + 12K + 12K      9K + 9K + 12K + 18K      9K + 12K + 12K + 12K  
12K + 12K + 12K + 12K

### DIY-MULTI5-48HP230C

#### TWO UNITS

9K + 18K      9K + 24K      9K + 36K  
12K + 12K      12K + 18K      12K + 24K  
12K + 36K      18K + 18K      18K + 24K  
18K + 36K      24K + 24K      24K + 36K

#### THREE UNITS

9K + 9K + 9K      9K + 9K + 12K      9K + 9K + 18K      9K + 9K + 24K  
9K + 12K + 12K      9K + 12K + 18K      9K + 12K + 24K      9K + 18K + 18K  
9K + 18K + 24K      9K + 24K + 24K      12K + 12K + 12K      12K + 12K + 18K  
12K + 12K + 24K      12K + 18K + 18K      12K + 18K + 24K      12K + 24K + 24K  
18K + 18K + 18K      18K + 18K + 24K      9K + 9K + 36K      9K + 12K + 36K  
9K + 18K + 36K      12K + 12K + 36K

#### FOUR UNITS

9K + 9K + 9K + 9K      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      9K + 12K + 12K + 24K  
9K + 12K + 18K + 18K      9K + 18K + 18K + 18K      12K + 12K + 12K + 12K  
12K + 12K + 12K + 18K      12K + 12K + 12K + 24K      12K + 12K + 18K + 18K  
9K + 9K + 9K + 36K

#### FIVE UNITS

9K + 9K + 9K + 9K + 9K      9K + 9K + 9K + 9K + 12K      9K + 9K + 9K + 9K + 18K  
9K + 9K + 9K + 9K + 24K      9K + 9K + 9K + 12K + 12K      9K + 9K + 9K + 12K + 18K  
9K + 9K + 9K + 18K + 18K      9K + 9K + 12K + 12K + 12K      9K + 9K + 12K + 12K + 18K  
9K + 12K + 12K + 12K + 12K      9K + 12K + 12K + 12K + 18K      12K + 12K + 12K + 12K + 12K

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