



Do-It-Yourself Ductless Mini Split

Single & Multi-Zone Options



Ductless Mini Splits are composed of:

Indoor unit (Air Handler)

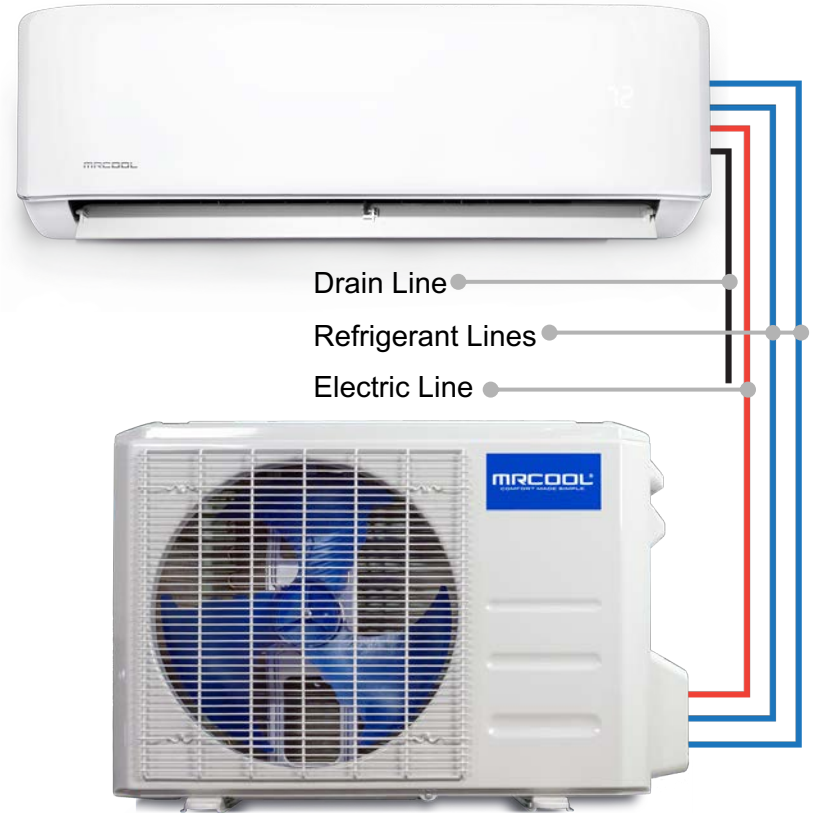
Outdoor unit(Condenser)

Copper line sets(Refrigerant Lines)

Condensation Drain line

Communication Wire (Electric Line)

INDOOR UNIT (AIR HANDLER)



OUTDOOR UNIT (CONDENSER)



The MRCOOL® DIY® Multi-Zone Series ductless mini-split is the only whole-home mini-split solution that you can install yourself. Simple, easy air comfort in up to four zones.

DIY® Multi-Zone

Match Ups



[Multi-Zone Installation Video](#)



DIY-MULTI3-27HP230 (27K) 11 COMBINATIONS



Two Units

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

Three Units

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

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



DIY-MULTI4-36HP230 (36K) 24 COMBINATIONS



Two Units

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

Three Units

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

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*

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



DIY® Multi-Zone Component Breakdown

Models	Description	UPC
Air Handlers		
• DIY-09-HP-WMAH-230B	DIY 9K BTU Heat Pump Wall Mount Air Handler 230 volt	810035931787
• DIY-12-HP-WMAH-230B	DIY 12K BTU Heat Pump Wall Mount Air Handler 230 volt	810035931794
• DIY-18-HP-WMAH-230B	DIY 18K BTU Heat Pump Wall Mount Air Handler 230 volt	810512033478
• DIY-24-HP-WMAH-230B	DIY 24K BTU Heat Pump Wall Mount Air Handler 230 volt	810512033485
Condensers		
• DIY-MULTI3-27HP230	DIY 27K BTU 3-Zone Heat Pump Condenser 230 volt	810035931763
• DIY-MULTI4-36HP230	DIY 36K BTU 4-Zone Heat Pump Condenser 230 volt	810035931770

DIY® Multi-Zone Component Breakdown

Models	Description	UPC
Line sets		
• DIY16-1412	DIY 16ft Quick Connect Line set for 9k,12k,18k	810035931015
• DIY16-3858	DIY 16ft Quick Connect Line set for 24k and 36k	810035931022
• DIY25-1412	DIY 25ft Quick Connect Line set for 9k,12k,18k	810035931046
• DIY25-3858	DIY 25ft Quick Connect Line set for 24k and 36k	810035931053
Couplers		
• DIYCOUPLER-1412K50	Coupler for DIY 9k,12k,or 18k units and 50ft of Communication Wire	810035933255
• DIYCOUPLER-3858K50	Coupler for DIY 24k and 36k units and 50ft of Communication Wire	810035933262
• DIYCOUPLER-1412K75	2 sets of Coupler for DIY 9k,12k,or 18k units and 75ft of Communication Wire	810035933279
• DIYCOUPLER-3858K75	2 sets of Coupler for DIY 24k and 36k units and 75ft of Communication Wire	810035933286

What Size MRCOOL® DIY® Multi-Zone Air Handler Do I Need?



Approximate MRCOOL DIY® heating and cooling capacity based on typical insulated room with an 8ft ceiling. Square footage may vary due to your specific environmental variables.





A MRCOOL® Series heat pump is the only ductless mini-split system on the market specifically designed for amateur installation. Special tools or training are not necessary to install this high efficiency heat pump.

DIY® Single-Zone

Match Ups

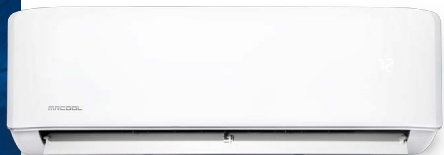


[Single-Zone Installation Video](#)

DIY[®] Single-Zone Breakdown

Parent Models #	Composed of 2pc	Description	UPC	Notes
● DIY-12-HP-115B	DIY-12-HP-C-115B DIY-12-HP-WMAH-115B	Condenser Air Handler	810512033423 810512033461	Includes a 25ft precharged Line set
● DIY-18-HP-230B	DIY-18-HP-C-230B DIY-18-HP-WMAH-230B	Condenser Air Handler	810512033430 810512033478	Includes a 25ft precharged Line set
● DIY-24-HP-230B	DIY-24-HP-C-230B DIY-24-HP-WMAH-230B	Condenser Air Handler	810512033447 810512033485	Includes a 25ft precharged Line set
● DIY-36-HP-230B	DIY-36-HP-C-230B DIY-36-HP-WMAH-230B	Condenser Air Handler	810512033454 810512033492	Includes a 25ft precharged Line set

What Size MRCOOL DIY® Single-Zone Do I Need?



**Up to 500
square feet**

DIY 12K BTU
DIY-12-HP-115B



**Up to 750
square feet**

DIY 18K BTU
DIY-18-HP-230B



**Up to 1000
square feet**

DIY 24K BTU
DIY-24-HP-230B



**Up to 1,500
square feet**

DIY 36K BTU
DIY-36-HP-230B

*Approximate MRCOOL DIY® heating and cooling capacity based on typical insulated room with an 8ft ceiling.
Square footage may vary due to your specific environmental variables.*



DIY[®] Single & Multi-Zone

Line Set Options for:

DIY-09-HP-WMAH-230B (Multi-Zone)

DIY-12-HP-WMAH-230B (Multi-Zone)

DIY-12-HP-WMAH-115B (Single-Zone)

DIY-18-HP-WMAH-230B (Single & Multi-Zone)



Pat: <https://mrcool.com/mrcool-patents/>

16ft



DIY16-1412

**16ft 1/4 x 1/2 Lineset for
DIY 9K, 12K & 18K Indoor**

25ft



DIY25-1412

**25ft 1/4 x 1/2 Lineset for
DIY 9K, 12K & 18K Indoor**

Extension Options

32ft



1-1412 COUPLER SET

INSULATION &
55.7743 FT CABLE



DIY16-1412

**16ft 1/4 x 1/2 Lineset for
DIY 9K, 12K & 18K Indoor**



DIYCOUPLER-1412k50

**DIYCOUPLER-1/4 X 1/2 w/ 50
ft of Communication Wire**



DIY16-1412

**16ft 1/4 x 1/2 Lineset for
DIY 9K, 12K & 18K Indoor**

Extension Options

41ft



1-1412 COUPLER SET

INSULATION &
55.7743 FT CABLE



DIY16-1412

**16ft 1/4 x 1/2 Lineset for
DIY 9K, 12K & 18K Indoor**



DIYCOUPLER-1412k50

**DIYCOUPLER-1/4 X 1/2 w/ 50
ft of Communication Wire**



DIY25-1412

**25ft 1/4 x 1/2 Lineset for
DIY 9K, 12K & 18K Indoor**

Extension Options

50ft



1-1412 COUPLER SET

INSULATION &
55.7743 FT CABLE



DIY25-1412

**25ft 1/4 x 1/2 Lineset for
DIY 9K, 12K & 18K Indoor**



DIYCOUPLER-1412k50

**DIYCOUPLER-1/4 X 1/2 w/ 50
ft of Communication Wire**

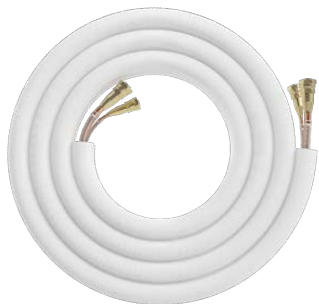


DIY25-1412

**25ft 1/4 x 1/2 Lineset for
DIY 9K, 12K & 18K Indoor**

Extension Options

48ft



DIY16-1412



DIY16-1412



DIY16-1412



DIYCOUPLER-1412k75

**16ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor**

**16ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor**

**16ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor**

**DIYCOUPLER-1/4 X 1/2
w/ 75 ft of
Communication Wire**

Extension Options

57ft



DIY16-1412



DIY16-1412



DIY25-1412



DIYCOUPLER-1412k75

16ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor

16ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor

25ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor

DIYCOUPLER-1/4 X 1/2
w/ 75 ft of
Communication Wire

Extension Options

66ft



DIY16-1412

**16ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor**



DIY25-1412

**25ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor**



DIY25-1412

**25ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor**

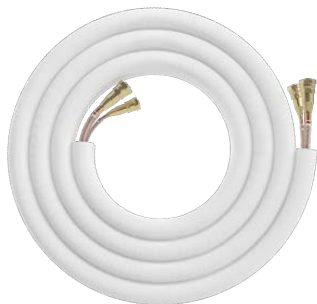


DIYCOUPLER-1412k75

**DIYCOUPLER-1/4 X 1/2
w/ 75 ft of
Communication Wire**

Extension Options

75ft



DIY25-1412



DIY25-1412



DIY25-1412



DIYCOUPLER-1412k75

**25ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor**

**25ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor**

**25ft 1/4 x 1/2
Lineset for DIY
9K, 12K & 18K
Indoor**

**DIYCOUPLER-1/4 X 1/2
w/ 75 ft of
Communication Wire**

DIY[®] Single & Multi-Zone

Line Set Options for:

DIY-24-HP-WMAH-230B (Single or Multi-Zone)

DIY-36-HP-WMAH-230B (Single-Zone)



Pat: <https://mrcool.com/mrcool-patents/>

16ft

25ft



DIY16-3858

**16ft 3/8 x 5/8 Lineset for
DIY 24K & 36K Indoor**



DIY25-3858

**25ft 3/8 x 5/8 Lineset for
DIY 24K & 36K Indoor**

Extension Options

32ft



DIY16-3858

**16ft 3/8 x 5/8 Lineset for
DIY 24K & 36K Indoor**



DIYCOUPLER-3858k50

**DIYCOUPLER-3/8 X 5/8 w/ 50
ft of Communication Wire**



DIY16-3858

**16ft 3/8 x 5/8 Lineset for
DIY 24K & 36K Indoor**

Extension Options

41ft



DIY16-3858

**16ft 3/8 x 5/8 Lineset for
DIY 24K & 36K Indoor**



DIYCOUPLER-3858k50

**DIYCOUPLER-3/8 X 5/8 w/ 50
ft of Communication Wire**



DIY25-3858

**25ft 3/8 x 5/8 Lineset for
DIY 24K & 36K Indoor**

Extension Options

50ft



DIY25-3858

25ft 3/8 x 5/8 Lineset for
DIY 24K, 36K Indoor



DIYCOUPLER-3858k50

DIYCOUPLER-3/8 X 5/8 w/ 50
ft of Communication Wire



DIY25-3858

25ft 3/8 x 5/8 Lineset for
DIY 24K, 36K Indoor

Extension Options

48ft



DIY16-3858

**16ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor**



DIY16-3858

**16ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor**



DIY16-3858

**16ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor**



DIYCOUPLER-3858k75

**DIYCOUPLER-3/8 X 5/8
w/ 75 ft of
Communication Wire**

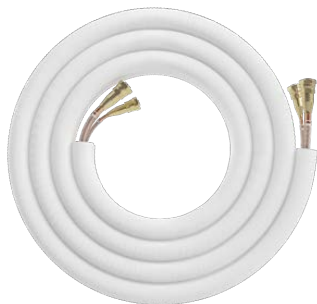
Extension Options

57ft



DIY16-3858

**16ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor**



DIY16-3858

**16ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor**



DIY25-3858

**25ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor**



DIYCOUPLER-3858k75

**DIYCOUPLER-3/8 X 5/8
w/ 75 ft of
Communication Wire**

Extension Options

66ft



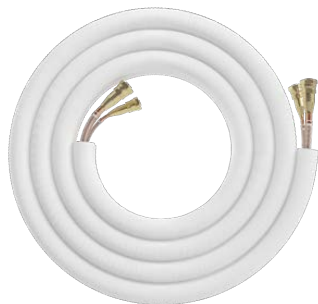
DIY16-3858

**16ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor**



DIY25-3858

**25ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor**



DIY25-3858

**25ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor**



DIYCOUPLER-3858k75

**DIYCOUPLER-3/8 X 5/8
w/ 75 ft of
Communication Wire**

Extension Options

75ft



DIY25-3858

25ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor



DIY25-3858

25ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor



DIY25-3858

25ft 3/8 x 5/8
Lineset for DIY
24K & 36K Indoor



DIYCOUPLER-3858k75

DIYCOUPLER-3/8 X 5/8
w/ 75 ft of
Communication Wire

For More Information

Reach out to your MRCOOL® Sales Representative with any questions.



Multi-Zone Manual



Single-Zone Manual

