

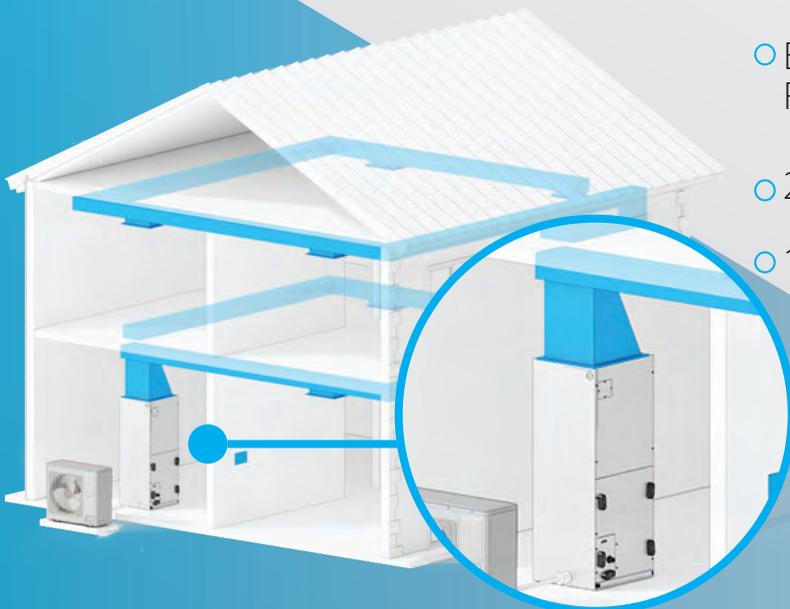
MRCOOL

# Universal Series

## Universal Air Handler



- Sizes: 2-3 Ton or 4-5 Ton
- R-410A Factory Pre-Charged Air Handler  
Can Be Field Converted to 2-Ton from 3-Ton or 4-Ton from 5-Ton using a Dip Switch Setting (see manual for details)
- High Efficient Energy Saving DC Fan Motor
- Multi-Position Installation (Upflow, Horizontal)
- Internal Fan Blade Creates Low Noise
- 3 Connection Types:
  - Pre-charged No-Vac® Quick Connect® Line Set (15 ft, 25 ft, 35 ft, 50 ft Couplings also available)
  - Sweat Braze Fitting
  - Flare Fitting
- The Special Fire-Proof Electrical Box Design Offers Anti-Electric Shock Reserved Installation Space for the Circuit Breaker
- Easy to Clean Metal Filter Protects Against Fire, Corrosion, and Deterioration
- 2-Step Condensation Protection
- 10-Year Limited Warranty\*



\*Registration is required.



Version Date: 10-26-2021

MRCOOL® UNIVERSAL AIR HANDLER			MODEL			
SPECIFICATIONS		UNITS	MDUI18024	MDUI18036	MDUI18048	MDUI18060
<b>Capacity &amp; Performance</b>						
Cooling Capacity		Btu/h (kW)	24,000 (7 kW)	36,000 (10.55 kW)	48,000 (14 kW)	54,000 (15.83 kW)
SEER		Btu/w	Up to 20	Up to 18	Up to 18	Up to 17
Heating Capacity		Btu/h	24,000 (7 kW)	36,000 (10.55 kW)	48,000 (14 kW)	54,000 (15.83 kW)
EER		(Btu/h)/W	12.5	11	11	10.5
HSPF		Btu/w	10.5	10	10.5	10
Noise level - Air Handler		dB(A)	45	47	50	51
<b>Electrical Parts</b>						
Min/Max Voltage		V	187/253	187/253	187/253	187/253
Rated Voltage		V	208/230	208/230	208/230	208/230
Min. Current Ampacity (MCA)		A	4	4	4	4
Max. Current Over Protection (MOP)		A	15	15	15	15
<b>Dimensions &amp; Weight</b>						
Net Dimension	(L x W x H)	inch (mm)	21.25 x 21.25 x 48.25 (540 x 540 x 1224)	21.25 x 21.25 x 48.25 (540 x 540 x 1224)	24.75 x 21.25 x 57 (630 x 540 x 1448)	24.75 x 21.25 x 57 (630 x 540 x 1448)
Packing Dimension	(L x W x H)	inch (mm)	26 x 23.75 x 50.375 (660 x 603 x 1280)	26 x 23.75 x 50.375 (660 x 603 x 1280)	27.25 x 26 x 59.375 (693 x 660 x 1508)	27.25 x 26 x 59.375 (693 x 660 x 1508)
Net weight	Indoor	lbs (kg)	156.5 (71)	156.5 (71)	202.8 (92)	202.8 (92)
Gross Weight	Indoor	lbs (kg)	169.8 (77)	169.8 (77)	218.3 (99)	218.3 (99)
<b>Refrigerant &amp; Piping</b>						
Refrigerant Type			R-410A	R-410A	R-410A	R-410A
Connection Pipe Method			Quick Connect®, Flare, Weld (with Stub)			

## Save Time And Money With the Patented\*\* MRCOOL® NO-VAC® QUICK CONNECT® LINE SET For The MRCOOL® UNIVERSAL AIR HANDLER Installation.



- Kink Resistant for Easier Bending During Installation
- 100% Accurately Precharged R-410A Refrigerant From the Factory
- Simple to Use Screw-on Quick Connect® Valves
- Leak Proof
- No Vacuum Needed
- Quicker Installation than Conventional Line sets
- Saves 7 Steps when compared to a conventional installation
- Strong 3/4" UV Protective Insulation Sleeve prevents Sun Damage, Weather Erosion, or Destruction from Animals/Rodents
- Multiple Standard Lengths Available : 15 ft, 25 ft, 35 ft, 50 ft
- Optional MRCOOL® No-Vac® Couplers are Available to Combine Two Standard Quick Connect® Line Sets for Additional Length

\*Pat: <https://www.mrcool.com/mrcool-patents/>

\* Data provided by AHRI

