



ADVANCED  
DC INVERTER  
TECHNOLOGY

# Universal<sup>®</sup> Series

**COOLING ONLY CONDENSER**

**Up to 20 SEER Central Heat & Air Systems**

MRCOOL would like to announce the addition of a new cooling-only condenser to the Universal line of products. If you're looking for the cooling efficiency of a Universal Condenser, but live in a higher climate area where the added cost and complexity of a system with heat is not necessary, the cooling-only condenser is for you. Available in either 2-3 ton or 4-5 ton capacity configuration, this condenser offers exactly what you need and nothing you don't.

# Benefits & Features



- ✓ 3 Connection Types:
  - Pre-charged No-Vac® Quick Connect® Line Set (15ft, 25ft, 35ft, 50ft-Couplings also available)
  - Sweat Braze Fitting
  - Flare Fitting
- ✓ Easy to Clean Metal Filter Protects Against Fire, Corrosion, and Deterioration
- ✓ High Efficient Energy Saving DC Fan Motor
- ✓ 2 Step Condensation Protection
- ✓ Internal Fan Blade Creates Low Noise
- ✓ R410A 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)
- ✓ Sizes: 2-3 Ton or 4-5 Ton
- ✓ Multi-Position Installation (Upflow, Horizontal)
- ✓ 10 Year Limited Warranty\*
- ✓ Approved for mobile homes
- ✓ The Special Fire-Proof Electrical Box Design Offers Anti-Electric Shock Reserved Installation Space for the Circuit Breaker

Our cooling-only condenser with a DC inverter compressor is the newest addition to the Universal® line of products in 2-3Ton or 4-5Ton sizes. Customers who are looking only for the cooling efficiency of a Universal® Condenser can leverage this superior product as their perfect home comfort solution.

Of course, those who want cooling-only can still pair this Universal® condenser with an energy-efficient gas furnace option from our Signature Series 95% line to get high-quality heating as well. And since it is non-communicating, this could be an ideal product for homeowners who have a relatively new gas furnace they want to match with variable-speed Universal® technology.



# SPECIFICATION

# UNIVERSAL® COOLING ONLY CONDENSER

MODEL NO.	UNITS	MDUO18024	MDUO18036	MDUO18048	MDUO18060
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## CAPACITY & PERFORMANCE

Cooling Capacity	Btu/h (kW)	24000 (7kW)	36000 (10.55kW)	48000(14kW)	54000 (15.83kW)
SEER	Btu/w	Up to 20	Up to 18	Up to 18	Up to 17
Heating Capacity	Btu/h	N/A	N/A	N/A	N/A
EER	(Btu/h)/W	12.5	12.2	11.7	11.7
HSPF	Btu/w	N/A	N/A	N/A	N/A
Noise level - Air Handler	dB(A)	55	57	58	58

## ELECTRICAL PARTS

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	24	24	35	35
Max. Current Over Protection (MOP)	A	35	35	45	45

## DIMENSIONS & WEIGHT

Net Dimension	(LxWxH)	inch (mm)	37 x 18.125 x 32.25 (940x460x820)	37 x 18.125 x 32.25 (940x460x820)	37 x 12.625 x 56.375 (940 x 321x 1432)	37 x 12.625 x 56.375 (940 x 321 x 1432)
Packing Dimension	(LxWxH)	inch (mm)	42.625 x 22.625 x 38.25 (1083x573x973)	42.625 x22.625 x 38.25 (1083x573x973)	40.875 x 17.25 x 62.25 (1038x438x1580)	40.875 x 17.25 x 62.25 (1038x438x1580)
Net weight	Indoor	lbs (kg)	185.2 (84)	185.2 (84)	203 (92)	203 (92)
Gross Weight	Indoor	lbs (kg)	208.3(94.5)	208.3 (94.5)	289 (131)	289 (131)

## REFRIGERANT & PIPING

Refrigerant Type	oz	R-410A	R-410A	R-410A	R-410A
Connection Pipe Method		Quick Connect® Flare, Weld (with Stub)	Quick Connect® Flare, Weld (with Stub)	Quick Connect® Flare, Weld (with Stub)	Quick Connect® Flare, Weld (with Stub)



\* Data provided by AHRI



- ✔ Kink Resistant for Easier Bending During Installation.
- ✔ 100% Accurately Precharged R410A Refrigerant standard sizes: 15 ft, 25ft, 35ft, 50ft.
- ✔ Optional No-Vac® Couplers can be used to combine two standard line sets to extend the length if needed.
- ✔ Simple to Use, Leak Proof, and Screw-on Quick Connect Valves do not require vacuuming.
- ✔ Quicker Installation than Conventional Line Sets.
- ✔ Strong 3/4" Gator-Flextra™ UV Protective Insulation provides extra protection against sun damage, weather erosion, or destruction from animals or insects.

**NO-VAC®**  
**Quick-Connect®**  
**Pre-Charged**  
**Line Set**





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**\*Display Images for demonstrative purposes only. Actual images during product use may vary.**

NOTICE: MRCOOL® products must be installed in accordance with all applicable local, state and federal codes and regulations. Unless explicitly stated otherwise, installation must be completed by a licensed / certified HVAC technician. ALL electrical connections to a power source must be performed by a licensed electrician and comply with local, state and federal electrical codes and regulations.

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