



ADVANCED
DC INVERTER
TECHNOLOGY

Universal[®] Series

COOLING ONLY CONDENSER
Up to 17 SEER2 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.

www.mrcool.com

Version Date: 02-15-2023

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 (9.96kW)	48000(14kW)	54000 (15.83kW)
SEER2	Btu/w	Up to 17	Up to 16	Up to 17	Up to 16
Heating Capacity	Btu/h	N/A	N/A	N/A	N/A
EER2	(Btu/h)/W	12	10	11	10
HSPF2	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~Hz,Ph	208/230~60, 1	208/230~60, 1	208/230~60, 1	208/230~60, 1
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 (940 x 460 x 820)	37 x 18.125 x 32.25 (940 x 460 x 820)	37 x 12.625 x 56.375 (940 x 321x 1430)	37 x 12.625 x 56.375 (940 x 321 x 1430)
Packing Dimension	(LxWxH)	inch (mm)	42.625 x 22.625 x 38.25 (1083 x 573 x 973)	42.625 x 22.625 x 38.25 (1083 x 573 x 973)	40.875 x 17.25 x 62.25 (1038 x 438 x 1580)	40.875 x 17.25 x 62.25 (1038 x 438 x 1580)
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 R-410A	oz	118.24	118.24	193.6	193.6
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.
