



ADVANCED
DC INVERTER
TECHNOLOGY

Universal[®] Series

COOLING ONLY CONDENSER
Up to 20 SEER Cooling System

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: 10-26-2021

Benefits & Features



- ✓ 3 Connection Types:
 - Patented* Pre-charged No-Vac® Quick Connect® Line Set (15 ft, 25 ft, 35 ft, 50 ft-Couplings also available)
 - Sweat Braze Fitting
 - Flare Fitting
- ✓ High Efficient Energy Saving DC Fan Motor
- ✓ 2-Step Condensation Protection
- ✓ Internal Fan Blade Creates Low Noise
- ✓ Condenser 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
- ✓ 10-Year Limited Warranty*
- ✓ The Special Fire-Proof Electrical Box Design Offers Anti-Electric Shock Reserved Installation Space for the Circuit Breaker
- ✓ Uses Environmentally-Friendly R-410A Refrigerant

Our cooling-only condenser with a DC inverter compressor is the newest addition to the Universal® line of products in 2-3 Ton or 4-5 Ton 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.



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

SPECIFICATION

UNIVERSAL® COOLING ONLY CONDENSER

MODEL NO.	UNITS	MDUCO18024	MDUCO18036	MDUCO18048	MDUCO18060
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CAPACITY & PERFORMANCE

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	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	(L x W x H)	inch (mm)	37 x 18-1/8 x 32-1/4 (940 x 460 x 820)	37 x 18-1/8 x 32-1/4 (940 x 460 x 820)	37 x 12-5/8 x 56-3/8 (940 x 320 x 1430)	37 x 12-5/8 x 56-3/8 (940 x 320 x 1430)
Packing Dimension	(L x W x H)	inch (mm)	42-5/8 x 22-5/8 x 38-1/4 (1083 x 573 x 973)	42-5/8 x 22-5/8 x 38-1/4 (1083 x 573 x 973)	40-7/8 x 17-1/4 x 62-1/4 (1038 x 438 x 1580)	40-7/8 x 17-1/4 x 62-1/4 (1038 x 438 x 1580)
Net weight	Indoor	lbs (kg)	185.2 (84)	185.2 (84)	262 (119)	262 (119)
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 R-410A Refrigerant standard sizes: 15 ft, 25 ft, 35 ft, 50 ft.
- ☑ 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 inch 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.
