





Universal Series

UNIVERSAL CONDENSERUp to 17 SEER2 DC Inverter Unitary

The MRCOOL® Universal® Condenser is capable of up to a 17 SEER2 rating. This condenser is designed to handle all of your heating and cooling needs, so the use of a gas furnace is not necessary. It is available in 2-3 ton and 4-5 ton capacities that can easily be field-converted to suit needs of your application using the dip switch setting.

www.mrcool.com

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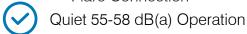
Benefits & Features





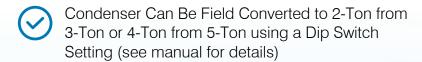
3 Connection Types:

- Patented* Pre-charged No-Vac® Quick Connect® Line Set (15 ft, 25 ft, 35 ft, 50 ft-Couplings also available)
- Sweat Braze Connection
- Flare Connection











10-Year Limited Warranty*

Compatible With Any Third Party Air Handler and Thermostat Including the MRCOOL Universal WiFi
Thermostat or WiFi/Nest

Uses Environmentally-Friendly R-410A Refrigerant

Gold Fin Corrosion Protection

Rapid Heating & Cooling

The MRCOOL® Universal® Series Condenser, with a DC inverter compressor, offers dynamic heating and cooling performance in a slim design. This condenser is capable of delivering 100% heating capacity down to -5°F (-20°C) on 2-ton models and 14°F (-10°C) on 4-ton models. It can also offer 100% cooling capacity up to 115°F (46°C) on 2-ton models and 109.4°F (43°C) on 4-ton models.

The Universal® Series Condenser also offers the same versatility and robust construction as with all of the other products in the Universal lineup. It features Gold Fin® Technology to offer superior protection of the coils against corrosion. It also available with our patented pre-charged No-Vac® Quick Connect® Line Set that can drastically decrease the time and complexity of the installation process.



SPECIFICATION

UNIVERSAL® CONDENSER

C. 2011 107 (1101)				ONIVERIOAL CONDENSER		
MODEL NO.		UNITS	MDUO18024	MDUO18036	MDUO18048	MDUO18060
CAPACITY & PERF	ORMANCE					
Cooling Capacity		Btu/h (kW)	24,000 (7 kW)	36,000 (9.96 kW)	48,000 (14 kW)	54,000 (15.83 kW)
SEER2		Btu/w	17	16	17	15.8
Heating Capacity		Btu/h	24,000 (7 kW)	36,000 (10.55 kW)	48,000 (14 kW)	54,000 (15.83 kW)
EER2		(Btu/h)/W	12	12	11	10
HSPF2		Btu/w	9	9	9	9
Noise level - Air Handler		dB(A)	55	57	58	58
ELECTRICAL PART	S					
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)		Α	24	24	35	35
Max. Current Over Protection (MOP)		А	35	35	45	45
DIMENSIONS & WE	EIGHT					
Net Dimension	(L x W x H)	inch (mm)	37 x 18.1 x 32.25 (940 x 460 x 820)	37 x 18.1 x 32.25 (940 x 460 x 820)	39.37 x 14.5 x 53.75 (1000 x 370 x 1365)	39.37 x 14.5 x 53.75 (1000 x 370 x 1365)
Packing Dimension	(L x W x H)	inch (mm)	42.6 x 22.6 x 38.25 (1083 x 573 x 973)	42.6 x 22.6 x 38.25 (1083 x 573 x 973)	46.625 x 22.625 x 58.25 (1184 x 575 x 1480)	46.625 x 22.625 x 58.2 (1184 x 575 x 1480)
Net weight	Indoor	lbs (kg)	217.2 (98.5)	217.2 (98.5)	308.7 (140)	308.7 (140)
Gross Weight	Indoor	lbs (kg)	240.3 (109)	240.3 (109)	337.3 (153)	337.3 (153)
REFRIGERANT & P	IPING					
Refrigerant Type		OZ	R-410A/148.8	R-410A/148.8	R-410A/220.48	R-410A/220.48
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 MRCOOL* No-Vac* Couplers can be used to combine two standard Quick Connect* 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 and 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.