

Mojave® Condenser Motors for Extreme Conditions



Horsepower: 1/3 – 3/4 HP

Speed Range: 825 or 1075 RPM

Rated Voltages: 208–230 or 460 Volts

Temp Rise: Designed for 70°C (158°F) Ambient – Built to withstand extreme temperature conditions

Insulation: Class F Insulation – Thermal endurance to over 300°F

Enclosure: Totally Enclosed Air Over (TEAO) – Allows for all position mounting



Product Overview

Condensing units today are built to perform in ambient conditions up to 130°F. In certain areas, temperatures may put extra stress on unit and the condenser fan motor. When you need that extra cushion of performance – look to U.S. MOTORS® branded products to bring you the motor that is at home in the desert – the MOJAVE® motor.

RESCUE® Ratings								
Catalog Number	HP	RPM	Volts	Spd Taps	230V Cap	Amps	Shaft Length	Total Length
5464H*	1/3–1/6	825	208–230	2	7.5	1.9	5.0	10.3
5462H*	1/3–1/6	1075	208–230	2	5.0	2.6	5.0	9.6
5465H*	1/2–1/6	1075	208–230	2	10.0	3.0	5.0	10.3
5482H*	3/4–1/4	1075	208–230	2	15.0	4.0	5.0	11.9
5480H*	1/2–1/6	1075	460	2	10.0	1.3	5.0	11.1
5481H*	3/4–1/4	1075	460	2	15.0	2.2	5.0	11.9
Mojave® Ratings								
1872H*	1/8	825	208–230	1	5.0	0.78	6.0	10.6
1873H*	1/6	825	208–230	1	5.0	1.2	6.0	10.6
1859H	1/6	1075	208–230	1	5.0	1.0	5.0	9.4
1874H*	1/4–1/8	825	208–230	1	5.0	2.1	6.0	10.9
1860H	1/4	1075	208–230	1	5.0	1.7	6.0	10.6
3736H	1/4	1075	460	1	7.5	0.8	6.0	11.1
1875H*	1/3	825	208–230	1	7.5	2.4	6.0	11.6
1861H	1/3	1075	208–230	1	7.5	2.1	6.0	11.1
3323H*	1/3–1/6	1075	208–230	1	7.5	2.0	6.0	11.0
3737H	1/3	1075	460	1	7.5	1.3	6.0	11.9
1870H	1/2	825	208–230	1	10.0	3.3	6.0	12.4
1862H	1/2	1075	208–230	1	10.0	3.2	6.0	11.9
3738H	1/2	1075	460	1	10.0	1.5	6.0	12.0
1868H	3/4	1075	208–230	1	10.0	4.7	6.0	12.4
3742H	3/4	1075	460	1	10.0	2.0	6.0	12.9

*Note: Includes Rheem® side shell holes.

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Product Features:

- **Ball Bearings** – Durability for high temperature applications, for longer life than traditional sleeve bearings
- **48" leads** – Easier wiring into today's larger condensing units
- **Special Rotor Corrosion Protection** – Designed for longer life and sure start ups season after season.
- **Reversible** – Easy to change quick connect terminals for application flexibility

RESCUE® Motors Versions Additional Features:

Lead end and side shell holes for Rheem® and Trane® units. Two speed taps for increased electrical efficiency based on HP requirements.



RESCUE® Motor



Mojave® Motor

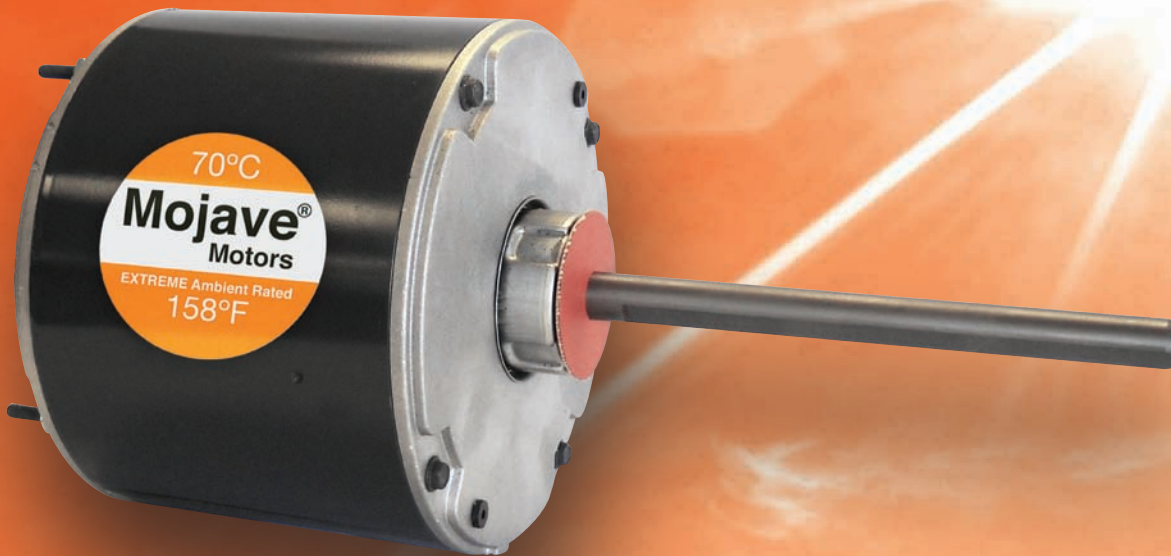
Nidec

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MOJAVE[®]
Condenser
Motors



The Right Motor For Extreme Conditions

70°C (158°F) | Ambient Rated

- **Class F Insulation** - Thermal endurance to over 300° F
- **Ball Bearings** - Durability for high temperature applications, for longer life than sleeve bearings
- **48" Leads** - Easier wiring into today's larger condensing units
- **Special Corrosion Protection** - Longer life in humid environments
- **Totally Enclosed Air Over Design** - Allows for all position mounting
- **Reversible** - Easy to change quick connect terminals for application flexibility

**MOJAVE[®] features are available on a select line of RESCUE[®] Condenser Motors.
RESCUE[®] The Ultimate Truck Stock Motor[™]**

