

The Right Motor For Extreme Conditions™

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

MOJAVE® Condenser Motors (Single Phase)

Horsepower: 1/12–3/4 HP

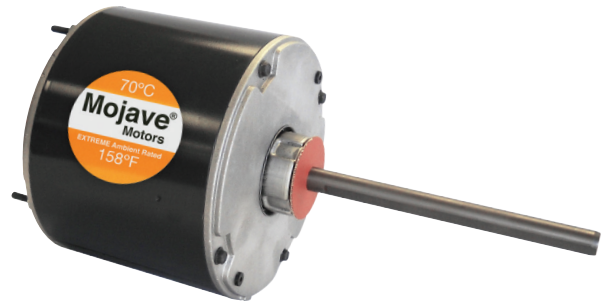
Speed Range: Single Phase – 825 or 1075 RPM

Rated Voltages: 208–230, 460 or 575 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



MOJAVE® Motor

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

MOJAVE® 5.5" Diameter Motor Ratings

Catalog Number	HP	RPM	Volts	Spd Taps	230V Cap	Amps	Shaft Length	Total Length
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
1295H	1/4	1075	575	1	7.5	0.6	5.0	9.8
1875H*	1/3–1/5	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
1278H	1/3	1075	575	1	7.5	0.7	5.0	10.9
3323H*	1/3–1/6	1075	208–230	1	7.5	2.0	5.0	9.3
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.