Emerson makes it easy to find the right replacement motor.

A beverage plant has hundreds of electric motors working to help the facility operate effectively and efficiently. If you take a moment to look around you, electric motors are found in almost every area and every function. Electric motors are powering the air circulation, cooling and heating throughout the building and even more.

Whether you are looking for a 1/2 horsepower motor to power a conveyor, or a 500 horsepower TITAN® motor to power a compressor, Emerson knows that there is little room for error. When it comes to your facility, having the right replacement motor available when you need it is imperative to your success. Emerson understands that when a motor is down, your facility comes to a halt. You need the ability to find the right replacement motor now!

If you are having difficulty finding a NEMA Premium®† replacement integral horsepower motor, don't look any further. Emerson offers an extensive line of replacement motors, including motors for use as direct replacements for Dayton®†, AO Smith™†, General Electric®†, Leeson®† and Marathon Electric™† motors, and many other motors. From 1/185 HP unit bearing motors to 4000 HP vertical hollow shaft motors, Emerson has a variety of products to meet your needs. Emerson has the RIGHT tools available to assist you in finding the correct EMERSON® motor to replace your current motor brand quickly. Learn more at www.emersonmotors.com/MRO.

- eBusiness Tools
- Competitive Cross Reference Tools
- eCatalog Search Tool Search by ID, Features or Applications
- Online Chat
- Online Motor Specifications & Technical Data
- Dimension PrintsNameplate DataWiring Diagrams
- 3D Models Installation & Maintenance Manuals
- Full Line of Production Maintenance Solutions
- Full Line of Facilities Maintenance Solutions

Simply, we want to make it EASY for you to find and purchase EMERSON® brand replacement motors!



Emerson Motor Company

8100 West Florissant Ave. St. Louis, MO 63136

Phone: 877-600-3190 Fax: 314-595-8315

www.emersonmotors.com/MRO

Emerson Facilities Maintenance Solutions

ENERGY INDEPENDENCE & SECURITY ACT OF 2007

The Energy Independence & Security Act of 2007 (or EISA for short) will move the current energy efficient 1 to 200 HP general purpose product to NEMA Premium®† efficient standards (NEMA MG1 12-12), starting December 2010. Emerson stocks NEMA Premium Open Dripproof and Totally Enclosed Fan Cooled electric motors that meet the EISA requirements. To learn more, go to www.emersonmotors.com/MRO

COMPETITIVE CROSS REFERENCE SEARCH CAPABILITIES

Over 50,000 cross references are available for popular EMERSON® and U.S. MOTORS® brands, both integral and fractional, for competitor or OEM catalog numbers and model numbers. The competitive search tool is available at www.emersonmotors.com/MRO

EXTENSIVE MOTOR AVAILABILITY NETWORK

Worldwide network of distributors with stock availability of EMERSON fractional and U.S. MOTORS brand integral motors. Browse the list at www.emersonmotors.com/MRO

ONLINE MOTOR SPECIFICATIONS & TECHNICAL DATA

Easily access up to date information on every EMERSON motor. Find dimension prints, performance data, nameplate data, wiring diagrams, curves, renewal parts lists, installation and maintenance manuals, 3D models, and more. All are just a click away: www.emersonmotors.com/MRO

EXPERIEN

For more than a century, Emerson has been manufacturing reliable, quality electric motors. We develop standard, as well as custom solutions that enable our customers to lead their industry with advanced motor capabilities. We bring together technology and engineering to deliver solutions for our customers. Learn more at www.emersonmotors.com

PRODUCT SCOPE

From small fractional horsepower motors that drive fans and blowers to large integral horizontal and vertical motors that power large industrial machinery, we have the breadth of product to meet virtually any customer need, on any business scale. For more information, visit www.emersonmotors.com/MRO

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FACILITIES MAINTENANCE ELECTRIC MOTOR GUIDE





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PRODUCT OVERVIEW (listed in alphabetical order)

ACCU-Torq® Vector Duty Three phase, TENV and TEBC 1 HP through 15 HP (TENV) 1 HP through 300 HP (TEBC) 143 through 449 frame 0-1800 RPM Constant torque near zero RPM Three-year limited warranty on inverter power

Air Circulator Motors Single Phase, OAO and TEAO 1/15, 1/10 HP and 1/4 through 1/2 HP 1800, 1200, and 900 RPM 42 through 56 frame Single and two speed options Oscillating and non-oscillating options

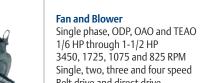
C-Face: ODP, TEFC and Hazardous Location Single Phase, Split Phase and Capacitor Start Three Phase, footed and footless options 1/12 HP through 60 HP 3600, 1800 and 1200 RPM 56 through 326 frame Standard, Energy and Premium Efficient

Close Couple Pump

Single and three phase, ODP, TEFC and Hazardous Location 1 HP through 60 HP 3600 and 1800 RPM 143 through 326 frame JM and JP shafts available







Condenser Fans

48 and 56 frame

1/10 HP through 2 HP

Three phase, TEFC and TEAU

Single speed and two speed

2 HP through 100 HP

145 through 447 frame

Single and three phase, OAO and TEAO

1725, 1625, 1550, 1075 and 825 RPM

1800, 1200, 1800/900 and 1200/600 RPM

Energy efficient and NEMA Premium®†/inverter duty

Meets specifications for Baltimore Aircoil Company®†,

Evapco^{®†} and Marley^{®†} cooling tower motors

Belt drive and direct drive Fire Pump Motor Three phase, ODP 7-1/2 HP through 250 HP 3600 and 1800 RPM 184 through 445 frame UL®† listed for fire pump application

Available in horizontal frame and vertical

JP close couple pumps









Gate and Door MotorsSingle and Three phase, ODP and TEFC 1/3 HP through 1 HP 1800 RPM

Hot Water Circulator Pump Single and three phase, ODP / 12 HP through 1-1/2 HI 1800 RPM 48 and 56 frame Direct replacement motor for B&G®† (Bell & Gossett),

> ODP and TEFC, Single Phase, Capacitor Start 1/8 HP through 10 HP 3600, 1800 and 1200 RPM 48 through 215 frame Rigid welded and cradle bases C- face footed and footless

Automatic or manual reset thermal overload

ODP and TEFC, Single Phase, Split Phase

Automatic or manual reset thermal overload

protector options

1/12 HP through 3/4 HP

48 through 56 frame

protector options

3600, 1800, 1200 and 900 RPM

Rigid welded and cradle bases

Single and two speed options

C- face footed and footless

Taco^{®†} and Thrush^{™†} brand circulator pumps



ODP, Three Phase 1/4 HP through 400 HP 3600, 1800, 1200 and 900 RPM 48 through 449 frame Energy and NEMA Premium®† efficient

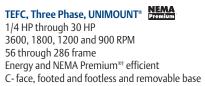
> Package Terminal A/C Heat Pump Single phase, OAO 1625, 1050, 1100 and 925 RPM 5.0", 5.6" and 6.3" diameter Single, two, three and four speed

TEFC, Three Phase, 841 PLUS® Premium 1 HP through 400 HP 3600, 1800 and 1200 RPM 143 through 447 frame Meets IEEE^{®†} 841 GM7E-TA specifications Five-year limited warranty* NEMA Premium®† efficient VBXX^{®†} bearing isolators by Inpro/Seal^{®†} help protect bearings









TEFC, Three Phase, Hostile Duty

TEFC, Three Phase, e-LINE®

3600, 1800 and 1200 RPM

1 HP through 250 HP

140 through 449 frame

All cast iron construction

Footed and C-Face Footed

3600, 1800, 1200 and 900 RPM

Cast iron frame and brackets

Ball and roller bearing options

Energy and NEMA Premium®† efficient

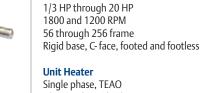
1 HP through 350 HP

143 through 449 frame

Energy efficient



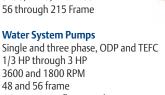


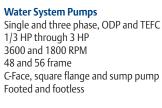


UNIMOUNT® Brake Motor Three Phase, TEFC with Brake Added











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*For details, refer to: http://www.usmotors.com/FL600/LimitedWarranty.pdf



