

Emerson makes it easy to find the right replacement motor.

A typical distribution center 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 ventilation and conveyor systems and even more.

Whether you are looking for a 1/4 HP motor to power an air circulator, or a 5 HP brakemotor to operate your conveyor system, 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 replacement fractional or 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. Find more information 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 Prints
 - Performance Data
 - Nameplate Data
 - Wiring Diagrams
 - 3D Models
 - Installation & Maintenance Manuals
- Product Available Throughout the World
 - On Hand Inventory at Local Distributors
 - Authorized Service Stations — Warranty & Repair
- 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

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

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

EXPERIENCE
 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 variety to meet virtually any customer need, on any business scale. For more information, visit www.emersonmotors.com



WAREHOUSING & DISTRIBUTION CENTERS

FACILITIES MAINTENANCE ELECTRIC MOTOR GUIDE



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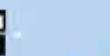
8100 West Florissant Ave. • St. Louis, MO 63136



TEFC 3 phase
 NEMA Premium
 EPACT



NEMA Premium





PRODUCT OVERVIEW (listed in alphabetical order)

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

Air Compressor
Single phase, ODP
1/2 HP through 5 HP
3600 RPM
56, 143 and 184 frame
High breakdown torque

Brake Motor
Three Phase, TEFC with Brake Added
1/3 HP through 20 HP
1800 and 1200 RPM
56 through 256 frame
Rigid base, C-face, footed and footless

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

Carbonator Pump
Single phase, ODP
1/4 HP through 1/2 HP
1800 RPM
48 frame

Close Couple Pump
Single and three phase, ODP, TEFC and Hazardous Location
1 HP through 60 HP
3600 and 1800 RPM
143 through 447 frame
JM and JP shafts available

Cooling Tower
Three phase, TEFC and TEAO
2 HP through 100 HP
1800, 1200, 1800/900 and 1200/600 RPM
145 through 447 frame
Single speed and two speed
Energy efficient and NEMA Premium[®]/inverter duty
Meets specifications for Baltimore Aircoil Company[®], Evapco[®] and Marley[®] cooling tower motors

Evaporative Cooler
Single phase
Single and multiple speed
1/3 HP through 1 HP
1800 & 1800/1200 RPM
56 frame

Fan and Blower
Single phase, ODP, OAO and TEAO
1/30 HP through 3/4 HP
1625, 1050, 1100 and 925 RPM
Single, two, three and four speed
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 Motors
Single and Three phase, ODP and TEFC
1/3 HP through 1 HP
1800 RPM
56 and 56C frames

Hot Water Circulator Pump
Single and three phase, ODP
1/12 HP through 1-1/2 HP
1800 RPM
48 and 56 frame
Direct replacement motor for B&G[®] (Bell & Gossett), Taco[®] and Thrush[®] brand circulator pumps

Package Terminal A/C Heat Pump
Single phase, OAO
1/30 HP through 3/4 HP
1625, 1050, 1100 and 925 RPM
5.0", 5.6" and 6.3" diameter
Single, two, three and four speed

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 protector options

ODP and TEFC, Single Phase, Split Phase
1/12 HP through 3/4 HP
3600, 1800, 1200 and 900 RPM
48 through 56 frame
Rigid welded and cradle bases
Single and two speed options
C-face footed and footless
Automatic or manual reset thermal overload protector options

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

TEFC, Three Phase, 841 PLUS[®]
1 HP through 400 HP
3600, 1800 and 1200 RPM
143 through 447 frame
Meets IEEE[®] 841 CM7E-TA specifications
Five-year limited warranty*
NEMA Premium[®] efficient
VBXX[®] bearing isolators by Inpro/Seal[®] help protect bearings

TEFC, Three Phase, CORRO-DUTY[®]
1 HP through 200 HP
3600, 1800 and 1200 RPM
143 through 447 frame
All cast iron construction
NEMA Premium[®] efficient

TEFC, Three Phase, e-LINE[®]
1 HP through 250 HP
3600, 1800 and 1200 RPM
140 through 449 frame
All cast iron construction
Energy efficient
Footed and C-Face Footed

TEFC, Three Phase, Hostile Duty
1 HP through 350 HP
3600, 1800, 1200 and 900 RPM
143 through 449 frame
Energy and NEMA Premium[®] efficient
Cast iron frame and brackets
Ball and roller bearing options

TEFC, Three Phase, UNIMOUNT[®]
1/4 HP through 30 HP
3600, 1800, 1200 and 900 RPM
56 through 286 frame
Energy and NEMA Premium[®] efficient
C-face, footed and footless and removable base

Unit Heater
Single phase, TEAO
1/15 HP through 3/4 HP
1550 and 1075 RPM
48 and 56 frame
Cradle and stud mount

Water System Pumps
Single and three phase, ODP and TEFC
1/3 HP through 3 HP
3600 and 1800 RPM
48 and 56 frame
C-Face, square flange and sump pump
Footed and footless