

Emerson makes it easy to find the right replacement motor.

A prison 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.

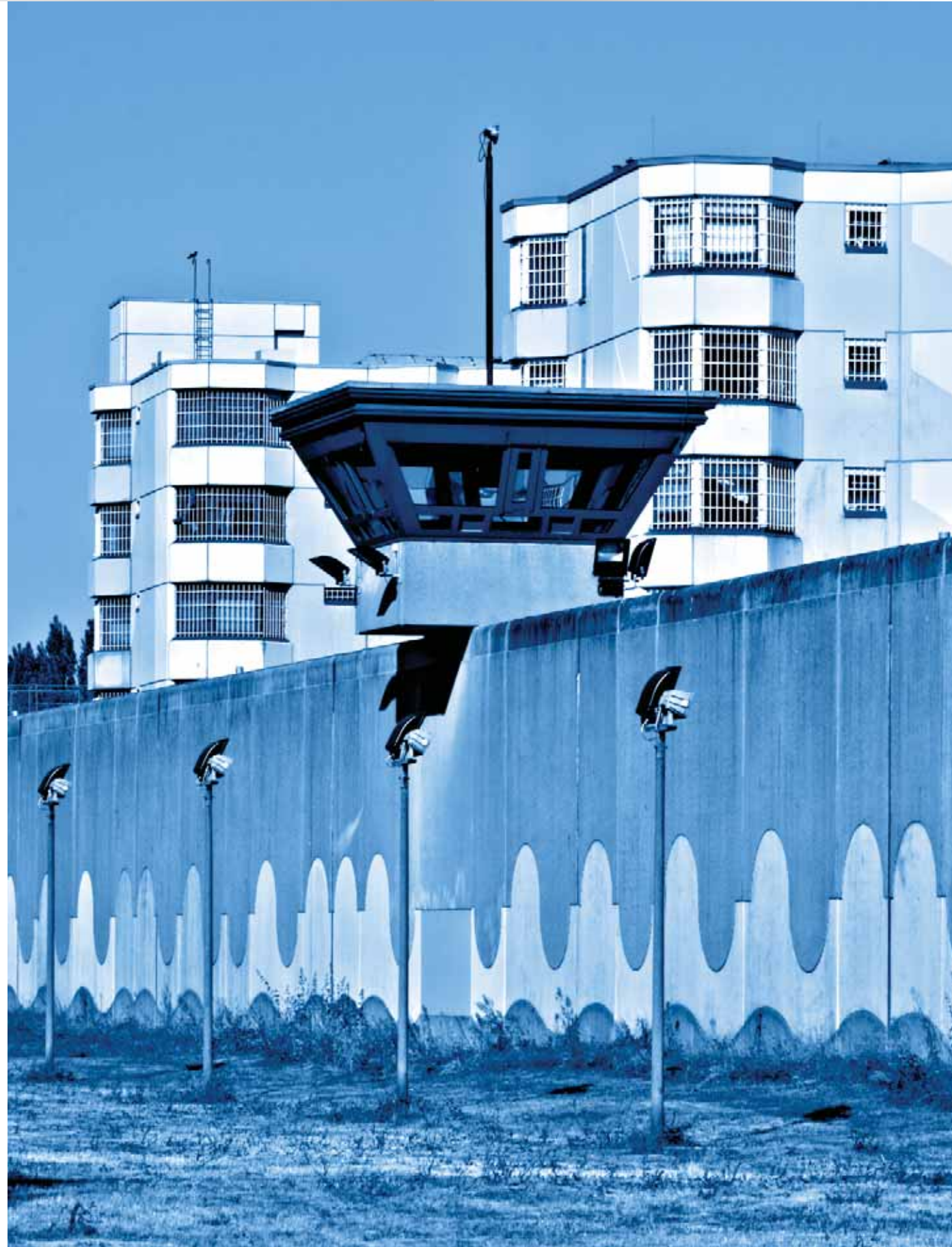
Whether you are looking for a 1/4 HP motor to power an electric fan, or a 20 HP NEMA Premium™ motor to operate a cooling tower motor, Emerson knows that there is little room for error. When it comes to your facility, having the right replacement motor available when you need it is imperative to your 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. 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
 - Nameplate Data
 - 3D Models
 - Performance Data
 - Wiring Diagrams
 - 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/MRO

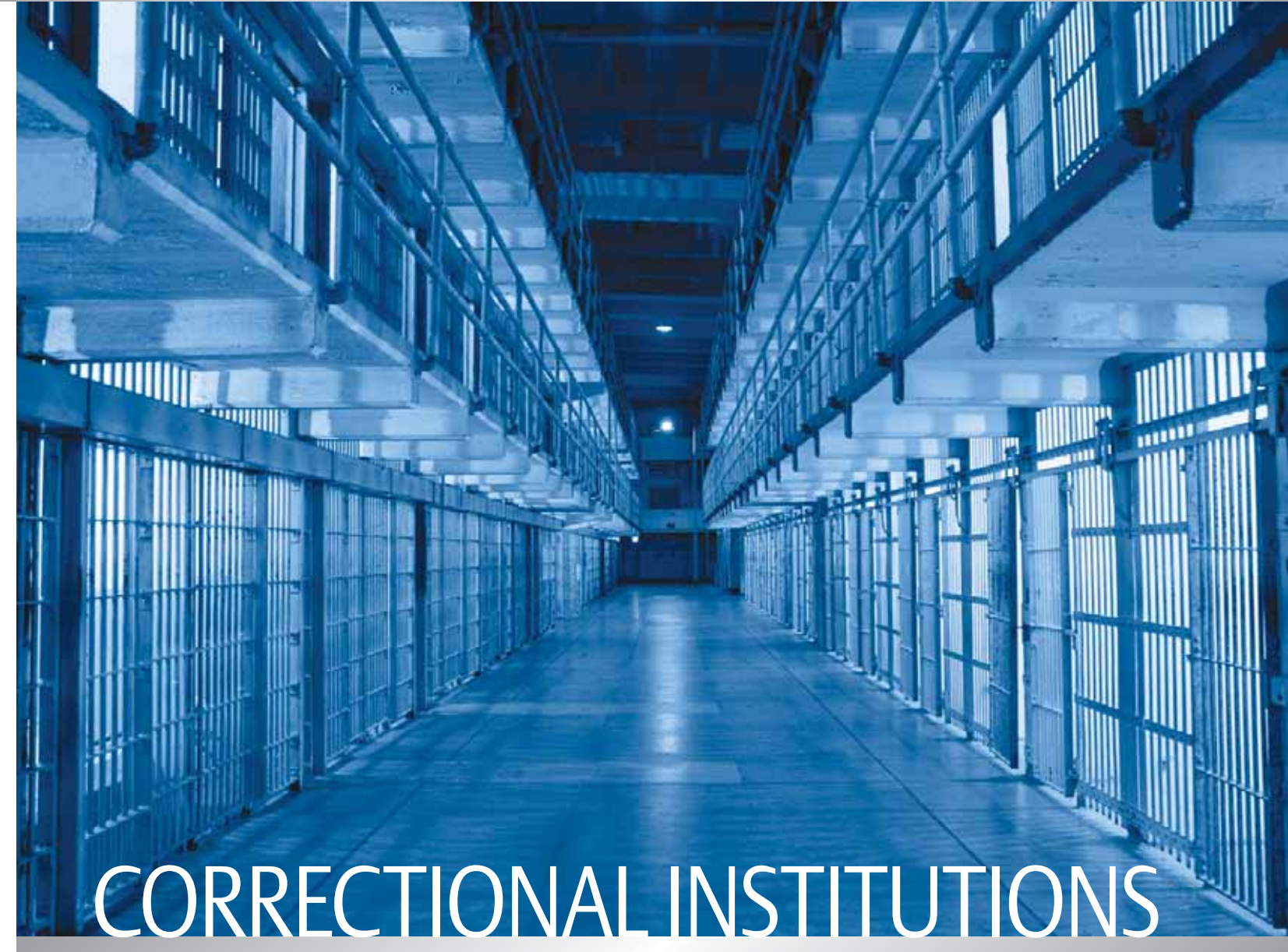
COMPETITIVE CROSS REFERENCE SEARCH CAPABILITIES
 Over 50,000 cross references are available for popular EMERSON® and U.S. MOTORS® brands, both integral and fractional, for competitor or OEM catalog numbers and model numbers. The competitive search tool is available at www.emersonmotors.com/MRO

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

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 product to meet virtually any customer need, on any business scale. For more information, visit www.emersonmotors.com/MRO



CORRECTIONAL INSTITUTIONS

FACILITIES MAINTENANCE ELECTRIC MOTOR GUIDE



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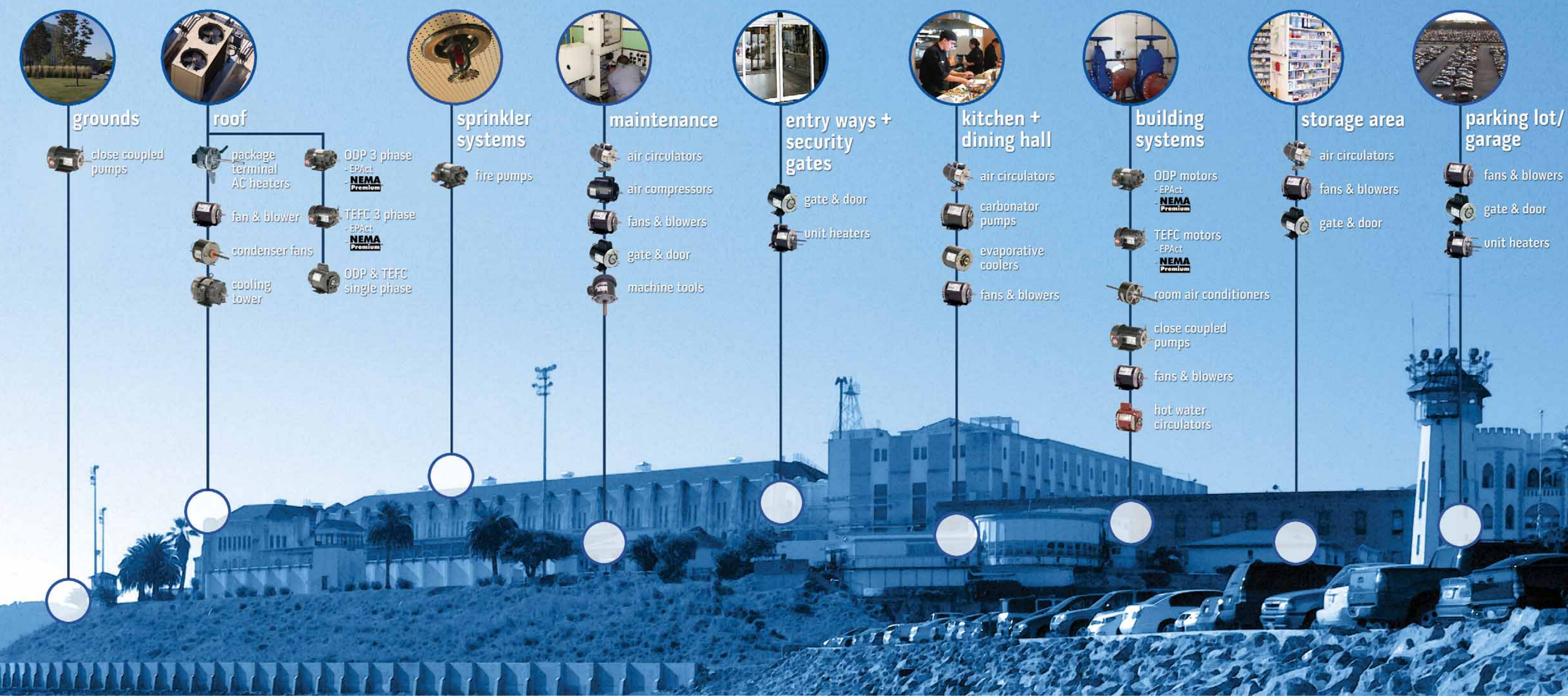


www.emersonmotors.com/MRO

Phone: (877) 600-3190 • Fax: (314) 595-8315

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





grounds

close coupled pumps

roof

package terminal AC heaters
 fan & blower
 condenser fans
 cooling tower
 ODP 3 phase - EPAct - NEMA Premium
 TEFC 3 phase - EPAct - NEMA Premium
 ODP & TEFC single phase

sprinkler systems

fire pumps

maintenance

air circulators
 air compressors
 fans & blowers
 gate & door
 machine tools

entry ways + security gates

gate & door
 unit heaters

kitchen + dining hall

air circulators
 carbonator pumps
 evaporative coolers
 fans & blowers

building systems

ODP motors - EPAct - NEMA Premium
 TEFC motors - EPAct - NEMA Premium
 room air conditioners
 close coupled pumps
 fans & blowers
 hot water circulators

storage area

air circulators
 fans & blowers
 gate & door

parking lot/garage

fans & blowers
 gate & door
 unit heaters

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

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 326 frame
 JM and JP shafts available

Condenser Fans
 Single and three phase, OAO and TEAO
 1/10 HP through 2 HP
 1725, 1625, 1550, 1075 and 825 RPM
 48 and 56 frame
 Single and two speed

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

Fan and Blower
 Single phase, ODP, OAO and TEAO
 1/6 HP through 1-1/2 HP
 3450, 1725, 1075 and 825 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&C[®] (Bell & Gossett),
 Taco[®] and Thrush[®] brand circulator pumps

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

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

Submersible and Dry Hydraulic Elevator Duty
 Single and three phase
 3 HP through 75 HP
 3600, 1800 and 1200 RPM
 Z and L32 flange mounting

TEFC, Three Phase, 841 PLUS[®]
 1 HP through 400 HP
 3600, 1800, 1200 and 900 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

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