

17 HVAC Motors

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



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



Draft Inducers - Blowers & Motors

115 and 208-230 Volts
1 and 2 Speeds
OEM Replacement for Goodman[®],
ICP[®], Carrier[®], Lennox[®],
Armstrong[®] and Trane[®]



MOJAVE™ Series

Condenser Fans
1 and 2 Speeds
1/4 HP through 3/4 HP
Sleeve Bearings
70° Ambient Design



RESCUE® Motors

Replaces a variety of different
HP applications
Gas or Electric Furnace motors
1/2 to 1/6 HP or 3/4 to 1/5 HP
1075 RPM, 48 Frame
Condenser Fan Motors
1/3 to 1/6 HP or 1/2 to 1/5 HP
1075 RPM, 48 Frame



Room Air Conditioners

Single phase, OAO and TEAO
1/10 HP through 3/4 HP
1725 and 1075 RPM
42 and 48 frame
Single, two, three, four and
five speed
Automatic reset thermal overload protector



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



Emerson makes it easy to find the right replacement motor.

As you walk the hallowed halls at a university campus, another world appears behind closed doors, roofs, and buildings...the world of electric motors. A university campus boasts numerous buildings, including halls, libraries, research facilities and classrooms. Each of these running on the power of hundreds of electric motors, helping the university run efficiently and effectively. If you take a moment to look around you, electric motors are found in almost every area and every function. From the moment you enter the parking garage, step through the automated doors, and into the classroom, electric motors are powering the doors, air circulation, cooling and heating throughout the building and even more.

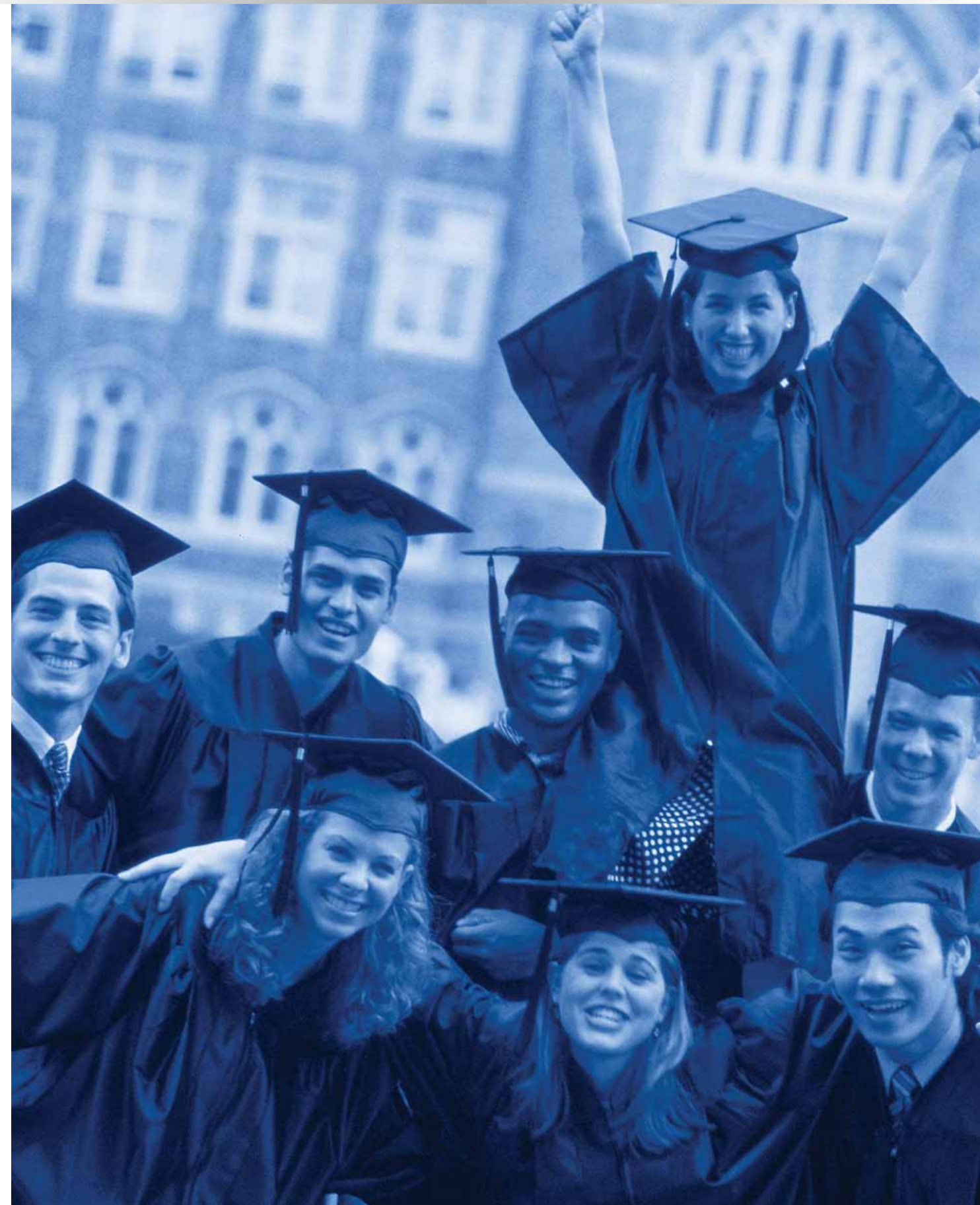
Whether you are looking for a 1/4 HP motor to power an electric fan, or a 20 HP NEMA Premium[®] efficient motor to operate a cooling tower, Emerson knows that there is little room for error. When it comes to your business, having the right replacement motor available when you need it is imperative to your success. Emerson understands that when your motor is down; your business comes to a halt. You need the ability to find the right replacement motor now!

If you are having difficulty finding a replacement commercial or industrial 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[®], Marathon[™], and many others. 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 Motor Company Facilities Maintenance Solutions

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/motorxref.htm

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

ENERGY SAVING SOLUTIONS

At Emerson, our goal is to assist our customers in understanding their energy saving opportunities and help reduce operating costs at their facility. To schedule an Energy Evaluation and Savings Estimate appointment, contact your Emerson representative or call 877-600-3190.

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

ONLINE CHAT

Get answers quickly to your technical or product questions through interactive on line chat service at 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 the best 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/MRO

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UNIVERSITIES & COLLEGES

FACILITIES MAINTENANCE ELECTRIC MOTOR GUIDE



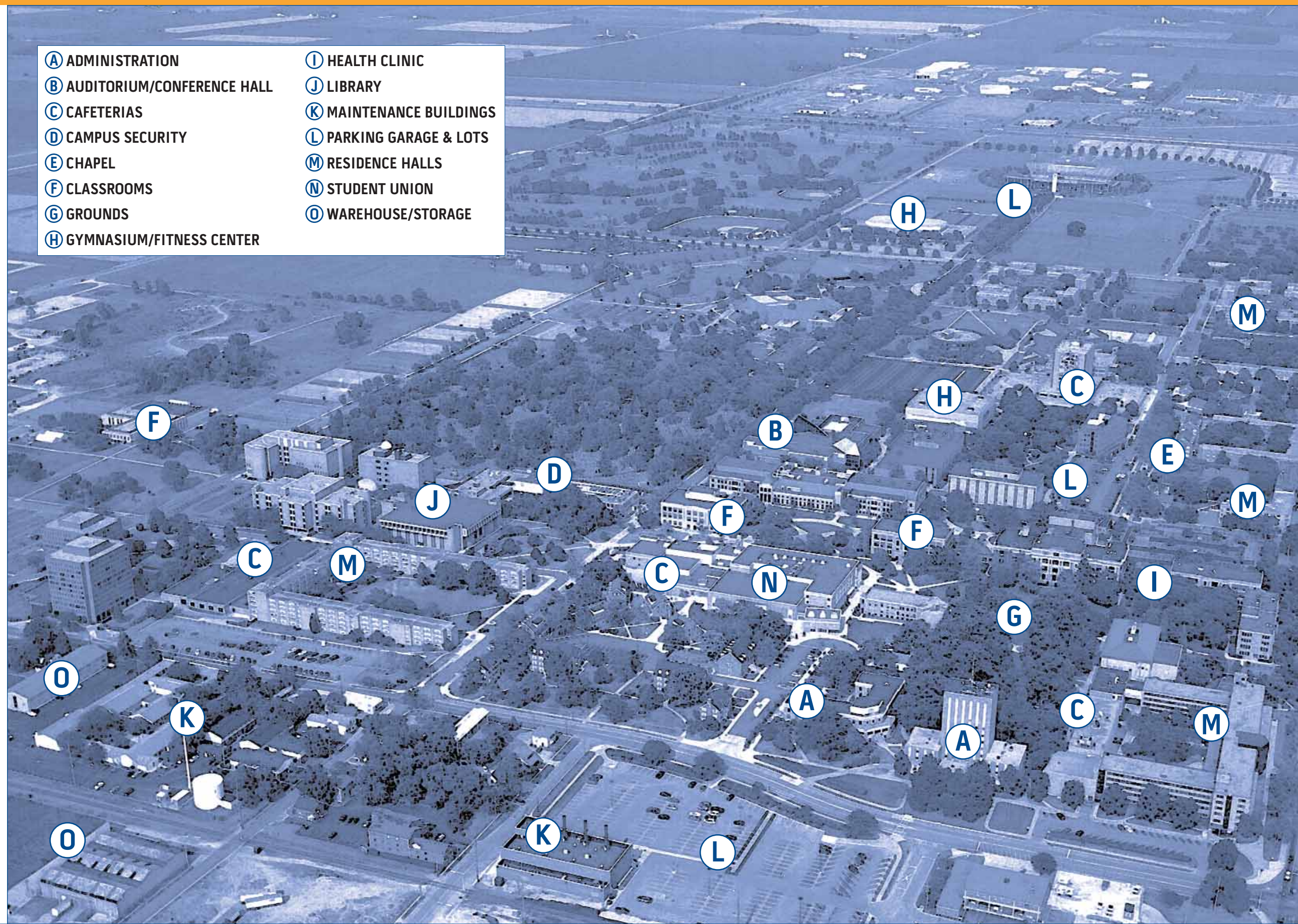
EMERSON. CONSIDER IT SOLVED.™

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- A ADMINISTRATION**
Building Systems:
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Elevators/Escalators 5
Gates/Automatic Doors 8
Roof 4 17
Sprinkler System 7
- B AUDITORIUM/CONFERENCE HALL**
Building Systems:
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Elevators/Escalators 5
Gates/Automatic Doors 8
Roof 4 17
Sprinkler System 7
- C CAFETERIAS**
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Kitchen 2 15
Roof 4 17
Sprinkler System 7
- D CAMPUS SECURITY**
Building Systems:
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Elevators/Escalators 5
Gates/Automatic Doors 8
Roof 4 17
Sprinkler System 7
- E CHAPEL**
Building Systems:
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Elevators/Escalators 5
Gates/Automatic Doors 8
Roof 4 17
Sprinkler System 7
- F CLASSROOMS**
Building Systems:
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Elevators/Escalators 5
Gates/Automatic Doors 8
Roof 4 17
Sprinkler System 7
- G GROUNDS** 3 16
- H GYMNASIUM/FITNESS CENTER**
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Roof 4 17
Sprinkler System 7
Swimming Pool/Spa 10
- I HEALTH CLINIC**
Building Systems:
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Elevators/Escalators 5
Gates/Automatic Doors 8
Roof 4 17
Sprinkler System 7
- J LIBRARY**
Building Systems:
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Elevators/Escalators 5
Gates/Automatic Doors 8
Roof 4 17
Sprinkler System 7
- K MAINTENANCE BUILDINGS** 1 6 8 17
- L PARKING GARAGE & LOTS** 8 13
- M RESIDENCE HALLS**
Building Systems:
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Elevators/Escalators 5
Gates/Automatic Doors 8
Roof 4 17
Sprinkler System 7
- N STUDENT UNION**
Building Systems:
Blowers 6 11 12 14
Hot Water Circulators 3 9
HVAC 17
Elevators/Escalators 5
Gates/Automatic Doors 8
Roof 4 17
Sprinkler System 7
- O WAREHOUSE/STORAGE** 5 7 8 17

- A ADMINISTRATION**
- B AUDITORIUM/CONFERENCE HALL**
- C CAFETERIAS**
- D CAMPUS SECURITY**
- E CHAPEL**
- F CLASSROOMS**
- G GROUNDS**
- H GYMNASIUM/FITNESS CENTER**
- I HEALTH CLINIC**
- J LIBRARY**
- K MAINTENANCE BUILDINGS**
- L PARKING GARAGE & LOTS**
- M RESIDENCE HALLS**
- N STUDENT UNION**
- O WAREHOUSE/STORAGE**



- 1 Air Compressors**
Single phase, ODP
1/2 HP through 5 HP
3600 RPM
56, 143 and 184 frame
High breakdown torque
- 2 Carbonator Pump**
Single phase, ODP
1/4 HP through 1/2 HP
1800 RPM
48 frame
- 3 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
- 4 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
- 5 Elevator Motors – Dry Hydraulic and Submersible**
Single and three phase
3 HP through 75 HP
3600, 1800 and 1200 RPM
Z and L32 flange mounting
- 6 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
- 7 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
- 8 Gate and Door Motors**
Single and Three phase, ODP
and TEFC
1/3 HP through 1 HP
1800 RPM
56 and 56C frames
- 9 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
- 10 Pool and Spa Motor**
Single and three phase, ODP
1/2 HP through 5 HP
3600 RPM
48 and 56 frame
Thru-bolt, c-face and square flange
UL[®] 1081, 1795 and 1563 design
- 11 Single Phase Open Dripproof (ODP) and Totally Enclosed Fan Cooled (TEFC)**
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
- 12 ODP, Three Phase**
1/4 HP through 400 HP
3600, 1800, 1200 and 900 RPM
48 through 449 frame
Energy and NEMA Premium[®] efficient
- 13 Unit Heater**
Single phase, TEAO
1/15 HP through 3/4 HP
1550 and 1075 RPM
48 and 56 frame
Cradle and stud mount
- 14 Three Phase General Purpose Totally Enclosed Fan Cooled (TEFC)**
TEFC, Three Phase, 841 PLUS[®]
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, 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 G-Face Footed
- TEFC, Three Phase, Hostile Duty**
1 HP through 350 HP
3600, 1800, 1200 and 900 RPM
143 through 449 frame
Cast iron frame and brackets
Ball and roller bearing options
Energy and NEMA Premium[®] efficient
- 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
- 15 Washdown Motors**
Painted, Paint Free, and Stainless Steel
1/2 HP through 10 HP
3450, 1725, and 1150 RPM
56 through 215 Frame
- 16 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

† All non-Emerson Electric Co. marks shown within this document are properties of their respective owners. *For details, refer to: <http://www.usmotors.com/FL600/LimitedWarranty.pdf>

