

# Premium Efficient Motor & Drive Combination Packages from 1- 800 HP for Centrifugal Pump & Fan Applications

## Inverter Duty Motors

ODP Rolled Steel  
or Cast Iron



MAX-E1®  
Premium Efficient



### Packages Include:

- Additional 5% Discount when Motor and Drive are Purchased on Same Order
  - 5 Year Warranty
- Single Source Reliability



F510



EQ7

## Variable Speed Drives

# Select Any Combination of Motors & Drives Below

## ODP NEMA Premium Efficient Motors

1-500 HP (460V)    1-150 HP (230V)

- 3600, 1800, or 1200 RPM
- Open Drip Proof (IP22 Rating)
- Construction:
  - Class F Insulation with Phenolic Alkyd Resin Varnish
  - Class B Temperature Rise
  - NEMA Design B Torques
  - 1045 Carbon Steel Shaft
  - Aluminum Die Cast Squirrel Cage Rotor Construction
- Speed Ranges: 20:1 VT, 10:1 CT
- Designed for 40°C Ambient Temperature and 3,300 ft Elevation
- Rolled Steel Frame (1-40 HP), Cast Iron Frame and End Brackets (1-500 HP)
- Rolled Steel Conduit Box
- Grounding Terminal Inside Main Box
- UL Recognized, CSA Approved, and CE Mark
- Oversized Main Conduit Box Rotatable in 90 Degree Increments - F1 Mounted. F2 Available
- Paint System: Phenolic Rust Proof Base Plus Polyurethane Top Coat
- Paint Color: Gray - Munsell N5

## MAX-E1® Premium Efficient Motors

1-800 HP (460V)    1-150 HP (230V)

- 3600, 1800, or 1200 RPM
- Totally Enclosed, Fan Cooled (IP54 Rating; IP55 Rating at Frame Sizes 5000 and Larger)
- Construction:
  - Class F Insulation with Phenolic Alkyd Resin Varnish – 2 Dips and Bakes
  - Class B Temperature Rise
  - NEMA Design B Torques
  - 1045 Carbon Steel Shaft
  - Aluminum Die Cast Squirrel Cage Rotor Construction
- Speed Ranges: 20:1 VT, 10:1 CT (3:1 CT at or above 350 HP)
- Designed for 40°C Ambient Temperature and 3,300 ft Elevation
- Cast Iron Frame, End Brackets, and Fan Cover
- Cast Iron Conduit Box
- Grounding Terminal Inside Main Box
- UL Recognized, CSA Approved, and CE Mark
- Inverter Duty Magnet Wire Capable of Withstanding Voltage Spikes Up to 2,200 Volts
- Oversized Main Conduit Box Rotatable in 90 Degree Increments - F1 Mounted. F2 Available
- Paint System: Phenolic Rust Proof Base Plus Polyurethane Top Coat
- Paint Color: Gray - Munsell N5

## F510 Fan and Pump Drive

1-250 HP (460V)    1-150 HP (230V)

- LCD Keypad that can be Remotely Mounted
- Diagnostic Registers for Troubleshooting
- Enhanced Design for Smoother and Quieter Motor Operation
- PID Control with Advanced Diagnostics and Sleep Mode
- PID Master-Follower Mode Built-in
- Built-in PLC as Standard
- Plenum Rated
- Built-in Modbus, BACnet, and Metasys RS485 Communications
- Real Time Clock (All Units with LCD Keypad)
- EMI Protection that Complies with EN61800-3 with Optional Filter
- EMS Protection that Follows EN61800-3
- UL, cUL, and CE Approved

## EQ7 Multi-Purpose Drive

1-1000 HP (460V)    1-150 HP (230V)

- LED/LCD Keypad that can be Remotely Mounted
- Diagnostic Registers for Troubleshooting
- Enhanced Design for Smoother and Quieter Motor Operation
- Qty 9 Digital Inputs Plus Dedicated Safety Switch
- PID Control with Advanced Diagnostics and Sleep Mode
- Conformal Coating and Bus Bar Plating
- Built-in Modbus Communications
- Optional BACnet and Ethernet Communications
- EMI Protection that Complies with EN61800-3 with Optional Filter
- EMS Protection that Follows EN61800-3
- UL, cUL, and CE Approved