

F510

FAN & PUMP DUTY



Effective 06-14-15
Supersedes 05-01-13



A versatile AC Drive that is easily configured and handles almost any fan, blower, or centrifugal pump application.

APPLICATIONS:

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|-----------------------------------|---------------------|
| ■ Fans | ■ Centrifugal Pumps |
| ■ Blowers | ■ HVAC Industries |
| ■ Water and Wastewater Industries | ■ Irrigation |

FEATURES:

- Control Modes for V/F, Hz, Sensorless Vector, Sensorless Vector with Permanent Magnet Motor
- Built-in PLC as Standard
- Operation and Engineering Units Standard
- LCD Keypad with Remote Mounting Capabilities
- PID Control with Advanced Diagnostics and Sleep Mode
- 5 to 150 HP (Variable Torque), 230V, 50/ 60Hz, 3-Phase
- 5 to 250 HP (Variable Torque), 460V, 50/ 60Hz, 3-Phase
- Plenum Rated
- Diagnostics Registers for Troubleshooting
- Flexible Input/ Output Configurations that Incorporate Normally Open or Normally Closed Signals
- 0 to 400 Hz Speed Range
- Built-in Modbus, BACNet, and Metasys (N2) Protocols via (RS485 or RJ45 Interface)
- Enhanced Design for Smoother and Quieter Motor Operation
- Real Time Clock (Standard on Models with LCD Keypad)
- PTC Input Available for Direct Thermal Protection of the Motor
- Thermal Management on the Heat Sink for Overtemperature Fault Avoidance
- Master-Follower Control Mode Built-in
- EMI Protection that Complies with EM61800-3 with Optional Filter
- EMS Protection that Follows EN61800-3
- UL, cUL, and CE Approved