

Class 8800
ALTIVAR 56
Fan and Pump Drive

The fan and pump drive that delivers the energy savings solution.



Designed exclusively for fan and pump applications, the economical Altivar® 56 allows you to buy only the performance you need, saving you initial purchase cost and setup time.

Simple programming walks you through start-up with pull-down menus and help screens making drive start-up and configuration remarkably simple. Displays and adjusts drive parameters such as:

- Speed commands
- Acceleration and deceleration rates
- Motor thermal protection
- Fault history

Large keypad backlit LCD display is the same used with the popular Altivar 66. A choice of English, Spanish or French languages are available to meet North American requirements. There are no cryptic codes to decipher. Display can be configured to show text lines and bar graphs, providing up-to-the-moment operational data.

Meter displays include:

- Motor current
- Voltage
- Power
- Output frequency

Design protects drive against fault conditions such as:

- Overloading
- Phase-to-phase short circuits
- Phase-to-ground short circuits

Protects your fan or pump by limiting torque surges and overloads. Withstands harsh electrical environments such as:

- Over voltage
- Under voltage
- Phase loss
- Voltage transients
- Control power ride-through



ALTIVAR 56 Combination Drive for Fans and Pumps

Class 8839 type 56U with new "BELE" Box Design.



The economical combination control design mounts the Altivar® 56 drive to a "BELE" box on a single panel to meet National Electrical Codes for installation. It can be installed as easily as a wall-mounted combination starter. The unit is offered in any one of the three most common power configurations for HVAC or pumping applications.

The Altivar 56 combination package provides:

- 200 kAIC rated drive input fusing
- MagGard® circuit breaker with provisions for lockout
- Hand-Off-Auto selector switch with manual speed potentiometer

The inverter bypass package includes:

- Drive output isolation contactor
- IEC motor starter with Class 10 O/L
- 200 kAIC rated drive input fusing
- Control transformer
- MagGard® circuit breaker with provisions for lockout
- AFC-Off-Bypass selector switch
- Hand-Off-Auto selector switch with manual speed potentiometer

Remote starter bypass package features (for use with an existing starter or soft start bypass using an 8638 enclosed Altistart®):

- Drive output isolation contactor
- IEC motor starter with Class 10 O/L
- Control transformer
- MagGard® circuit breaker with provisions for lockout
- AFC-Off-Bypass selector switch
- Hand-Off-Auto selector switch with manual speed potentiometer
- Power terminations for connection with user supplied external starter

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The Altivar® 56 combination is manufactured by Square D to meet NEC and UL508 standards. The three packages described are rated NEMA type 1.

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