

Variable Speed Controller *Premium Series*

All **EnviroSep** Premium Series Variable Speed Controllers are manufactured under the standards of UL-508A, carry as standard an Underwriters Laboratories (UL) Listing, and are guaranteed to provide the performance specified.

EnviroSep Variable Speed Controllers are designed and configured for a broad range of capabilities in both commercial and industrial Variable Speed applications such as Pump Control, Cooling Tower Control, Chiller/Boiler Control, Packaged Pumping Systems, Heat Transfer Packages, Ventilation, and Conveyor Systems. As a manufacturer of Totally Integrated Engineered Systems, such as Heat Transfer Systems, Packaged Pumping Systems, Wastewater Heat Recovery Systems, and Boiler Feedwater / Deaerator Systems. **EnviroSep** offers a more complete approach to Systems Integration. Operational testing of each Variable Speed Controller is performed prior to shipment.

STANDARD CONSTRUCTION

- UL-listed
- NEMA 12 Enclosure
- Single-point Power Connection
- Through-the-door, fused disconnect interlocking with operator handle
- Multi-Voltage Fused Control Transformer
- Control Power Off-On
- 24VDC Power Supply
- Numbered terminal blocks and wiring with corresponding electrical schematic
- Extra terminals provided for field connections
- Wireways provide uniform and orderly wire management
- 6" Touch Screen
- Four PID loops with Auto-Tune Capabilities
- MODBUS, DirectNET, and RTU Communication Protocols



Listed
 Industrial Control Panels



Listed
 Packaged Pumping
 Systems

OPTIONAL EQUIPMENT:

- System Voltage / Phase
- Control Power Voltage
- NEMA 1, 3R, 4, 4X, or 8 enclosures
- Additional Pilot Light Indicators
- Additional Selector Switches
- Touch Screens up to 10"
- PC-Based Control
- Communications Options for all BAS Systems
- Multiple configurations of communications option
- Various arrays of Pressure, Temperature, Flow, Conductivity and other Integral Controls
- Integrated Variable Frequency Drives
- Histograms and other Data Tracking options

Regardless of system specifications and physical requirements, **EnviroSep** can service all specialized needs.

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