

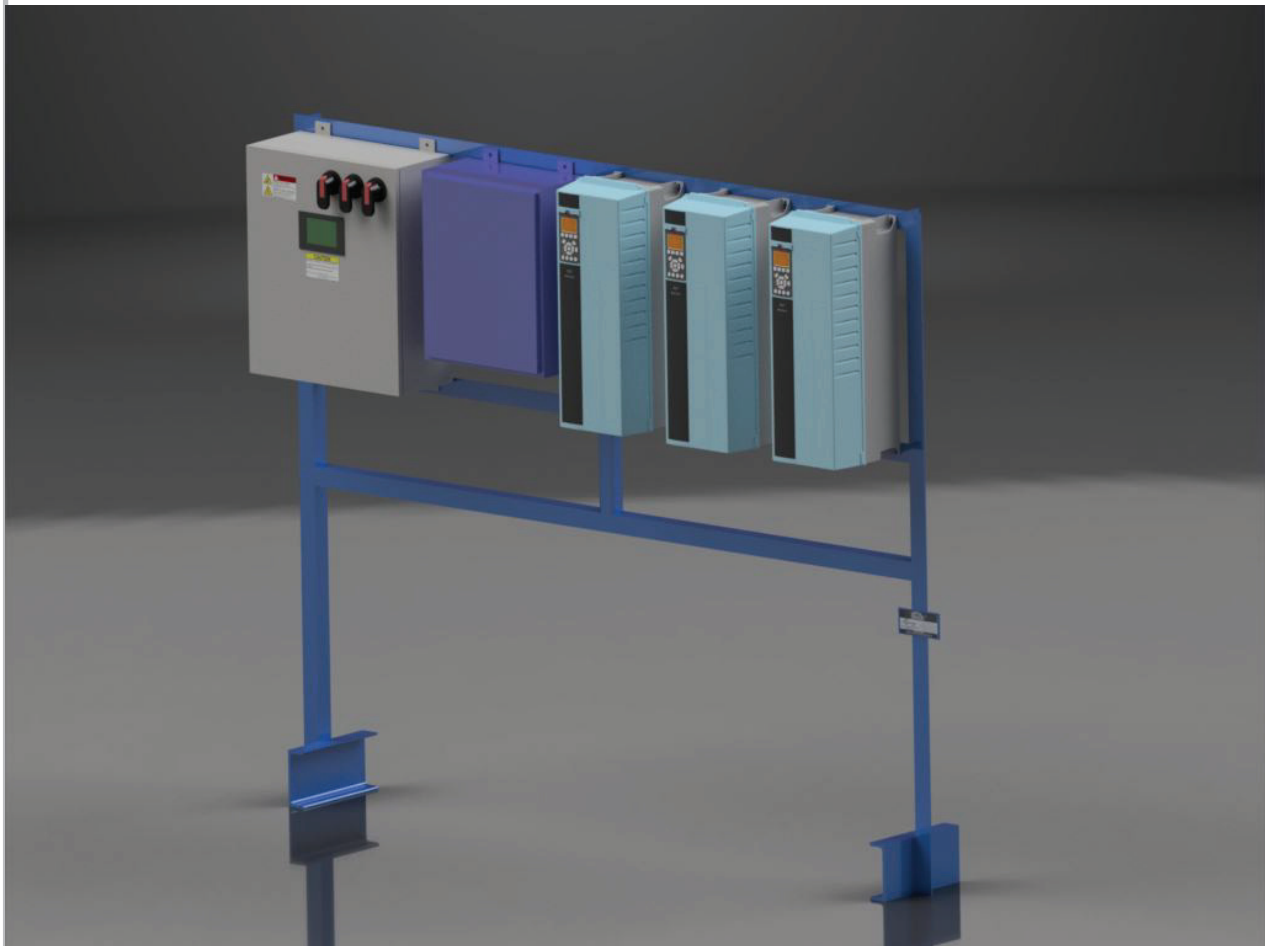


CONTROLS

MARK SERIES CONTROLLERS



TIGERFLOW®



To place an order, please contact 214-337-8780 or sales@tigerflow.com



CONTROLS

MARK SERIES CONTROLLERS



TIGERFLOW®

BENEFITS

- In-House Controls Engineers
- ASHRAE 90.1-Compliant Booster Control Software
- Intuitive, Easy-to-Use Interface
- Custom Design Control Strategies

STANDARD FEATURES

- System Control Based on PLC and HMI Technology
- Non-Volatile Memory for All User Setpoints
- 6" Color Touch Screen HMI
- "TAP" Technology Setpoint Adjustment
- Individual HOA Pump Operation
- Individual Pump Run Indication and Verification
- Pump Sequencing Based on Pressure and/or Flow
- Field Adjustable Settings
- Pump Alternation
- Event History Records up to 100 Past Events
- Suction & Discharge Pressure Read out in PSI
- High Suction Economy Mode
- 7 Password-Protected Levels of Security
- Field Adjustable Passwords
- Multiple Communication Protocols (BACnet, ModBus, Profinet, etc.)
- Communication Ports RS-485, RS-232, Ethernet, etc.
- Touch-Safe DC Power Supply
- 24 VDC Digital I/O
- Through Door Disconnect(s) with Individual Motor Fuse or Circuit Breaker Protection
- Alarm Horn & Indicating Light

APPLICATIONS

- Schools
- Hotels
- Hospitals

- Shopping Centers
- Apartment Buildings
- Retrofit

CERTIFICATIONS





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OPTIONS

- Flowmeter & Flow Totalizing
- Individual Alarm Dry Contacts
- Pump Run Validation DP Switches
- Telemetry – Local/Remote
- Pressure Signal Retransmission 4-20 mA
- Flow Signal Retransmission 0-10 V DC
- Power Monitor with Alarm
- Multiple Power Feeds
- Data Logging
- Wire to Water Efficiency
- Custom Programmed Features
- Phase Monitor
- Lightning Arrestor
- TVSS
- Circuit Breakers
- Motor Overload Alarm
- NEMA 4X – Stainless Steel Enclosure
- Multiple HMI Screen Sizes
- Multiple PLC Manufacturers (Allen Bradley, Schneider, Eaton, etc.)

CONTROLLER MODELS

- Mark II – Constant speed booster system
- Mark III – Tank level control
- Mark IV – HVAC Constant speed
- Mark V – Variable speed booster system
- Mark VI – HVAC variable speed
- Mark VIII – Data center control system
- Mark R – Rainwater and greywater pumping system
- Mark X – Total Process HVAC System:
Any combination of two or more of the above systems