



**TIGERFLOW STANDARD BOOSTER SYSTEM**

**PLUMBING**

**TIGERFLOW Systems, LLC**

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## TIGERFLOW STANDARD BOOSTER SYSTEM



NSF/ANSI

### BENEFITS

- NSF Certified
- Prefabricated and factory tested
- 3rd party UL/C-UL listed system
- ANSI/NSF-61 Certified (IAPMO N-5169)
- Low Lead Certification (IAPMO 6940) meets NSF 372  $\leq 0.25\%$  weighted average lead content
- TAP Technology Control algorithm meets ASHRAE 90.1 requirements
- Designed to fit through standard 36" doorway
- Space saving design
- PLC-VFD direct Modbus communication offers unrivaled response

### STANDARD FEATURES

#### Mechanical

- Check Valves - Non-slam, silent type
- Isolation valves
  - » Lug style butterfly valves
  - » Low lead ball valves
  - » Grooved butterfly valves
- AISI 304SS, Schedule 40 piping
- Pipe welding performed by ASME section IX certified pipe welders
- Structural welding performed by AWS D1.1 certified structural welders
- Unit is factory primed and painted with corrosion resistant machine grade enamel
- Every system is electrically, hydrostatically and run tested before shipment

### OPTIONS

- Goulds, Grundfos, and Ebara pumps Vertical Multistage Pumps
- Goulds, Grundfos, Paco, and Ebara pumps End Suction Pumps
- Duplex, Triplex units available (Quadplex units coming soon)
- Paddlewheel flowmeter (shipped loose)
  - » Flow Sequencing
  - » Flow Totalizing
- Full performance X-Y Test
- Wire-to-Water Test
- Paddlewheel flowmeter
- ASME Bladder Tanks – 132 gallon (150 psi) or 185 gallon (200 psi)
- AISI 304SS base

### MARKETS

- Commercial Plumbing
- Municipal
- Institutional
- Process
- Industrial

#### TIGER'S EYE MARK V, E-SERIES, Variable Speed Controls

- UL/C-UL 508 Listed control panel
- Micro Controller:
  - » Memory: Non-volatile – no battery backup required
  - » Multi-level security passwords
- Human Machine Interface (HMI) functions include:
  - » Tuning (PID) pressure sequencing with readout in psi
  - » Suction and discharge pressure readout in psi
  - » Event history log
  - » Individual pump run indication
  - » Hand-off-automatic selectors
  - » Elapsed time meter
  - » Low suction alarm with on-off time delays
  - » Low system with on-off time delays
  - » High suction "energy savings" shutdown with on-off time delays, enable /disable
  - » High system alarm with on-off time delays
  - » Automatic alternation of equal sized pumps
  - » 32-bit RISC micro-controller

- Human Machine Interface (HMI) options:
  - » E-Series HMI with Modbus protocol (via RS 485 communication port)
  - » Red Lion HMI with BACnet protocol (via RS 485 or Ethernet\* communication ports)
  - » Controls are fully web accessible using Red Lion HMI with local LAN support
- Thru-door disconnects with individual motor circuit protection
- 24 volt UL/C-UL, CE Approved switching power supply
- 120 volt fused control circuit transformer
- Power on light
- Common auxiliary alarm contacts
- 4-20mA discharge transducer
- 4-20mA suction transducer (boost application) or float switch (flooded application)



To place your order, please contact:  
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