

PACEMAKER SERIES

Variable Speed Domestic Water Booster Package

VC Systems' Pacemaker Series introduces the all new models in 2016. The Pacemaker line has been completely redesigned and upgraded to surpass all current industry offerings.



WHAT'S NEW?

- **Dynamic Speed Control** – On-board algorithm that adjusts critical system parameters based on the incoming suction pressure and pump characteristics to provide maximum efficiency and best reaction time for stable pressure while eliminating hunting and overshoot.
- **Redundant Discharge Sensors** – Fully redundant discharge transducers which are both monitored for accuracy and as a backup for high and low system alarms.
- **BACnet Integration** – The PMC is now standard with full stack BACnet MS/TP and BACnet IP with 28 address points. No need for external gateways and is fully field configurable.

SYSTEM FEATURES

- All ANSI Flanged Design
- UL QCZJ Listed, Package Pumping Systems
- UL 508A Listed, Industrial Control Panel
- NSF 372 Compliant
- NSF 61 Compliant
- 304SS Impellers
- 304SS Manifolds
- 316SS Suction Transducer
- Redundant 316SS Discharge Transducers
- Single Source Responsibility
- 2 Year Warranty

CONTROL FEATURES

- Color Touch Screen Controls
- BACnet MS/TP & BACnet IP
- Dynamic Speed Control
- Sleep Mode, No Flow Shutdown
- Automatic & Manual Alternation
- Start Up Wizard
- Event Log
 - Alarms
 - User Logins & Parameter Changes
 - System Operation
- System Trend Log
 - Suction Pressure
 - System Pressure
 - PID Speed
- Status Bar across all screens.
 - System Pressure Readout
 - Suction Pressure Readout
 - PID Speed Readout
- Password Protection – 5+ Users Levels
- ASHRAE 90.1 Compliant
- Bladder Tank Optimization Sequencing
- Pressure Recovery Mode
- EEPROM Memory
- Real Time Clock
- Form C Dry Contact for Common Alarm
- Generator Interlock Contact
- Remote Shut Down Contact
- Break Tank Level Controls