



Control Panels

Vent-Rite[®]
A Swan Group Company

Control Panels

Control panels can be tailored to your specific application requirements. Each panel is designed to prevent accidental contact with the enclosed equipment. All panels are UL508A certified.

UL/NEMA Type Enclosures

General Purpose

Enclosure for Hazardous Locations – Indoor

Indoor

- Type 1
- Type 2
- Type 12

- Type 7
- Type 9

Indoor/Outdoor

- Type 3
- Type 4
- Type 4X

If interested in these explosion-proof options, contact your representative.

550 Series Control Panel (250 volts max)

550 Series Optional Features

The 550 Series Control Panel is intended for indoor use. These non-ventilated panels are UL508A certified and are available in simplex or duplex units.

- Three-position selector switch
 - Hand-Off-Auto
 - Lead-Off-Lag
 - Test-Off-Auto

Every control panel comes standard as a Type 1 enclosure with per-motor starter, control circuit disconnect, and overload protection (with external reset).

- Pilot light(s)
 - Amber
 - Green
 - Red

700 Series Control Panel (600 volts max)

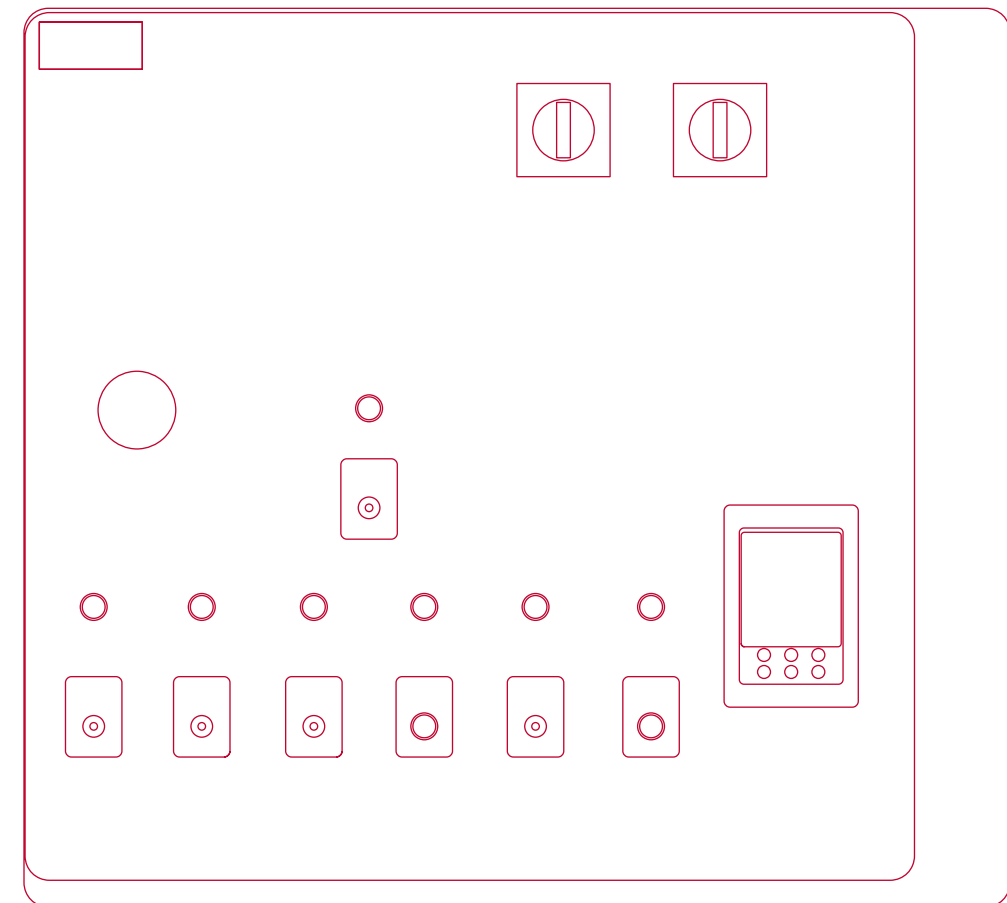
700 Series Optional Features

The 700 Series Control Panel is intended for indoor and outdoor use. These non-ventilated panels are UL508A certified and are available in Type 1, 2, 3, 4, 4X, and 12 enclosures, depending on what best suits the environment.

- For Type 7 or 9 NEMA enclosures, consult factory
- Selector switches on cover—number as required
 - Hand-Off-Auto:
 - Lead-Off-Lag
 - Boiler #1-Off-Boiler #2
 - Pump #1-Off-Pump #2
 - Test-Off-Auto (spring loaded to off)
- Pilot light(s) on cover—number as required
 - Amber
 - Green
 - Red
- Fused or non-fused disconnect(s) with cover interlock with provisions for padlock
- Circuit breaker or fused control circuit transformer 110 volt secondary
- One electric alternator per panel (duplex models only)
- Relays—number as required
- Alarm bell with silencing switch—one per panel
- External reset buttons for overloads
- Elapsed run hour meter—one per motor
- UL label and inspection

Every control panel comes standard with one fuse block per starter or one circuit breaker with overload protection per motor.

700 Series Control Panel



800 Series (DCS)

The 800 Series panel is intended for indoor and outdoor use. These non-ventilated panels are UL508A certified and are available in Types 4 and 4X.

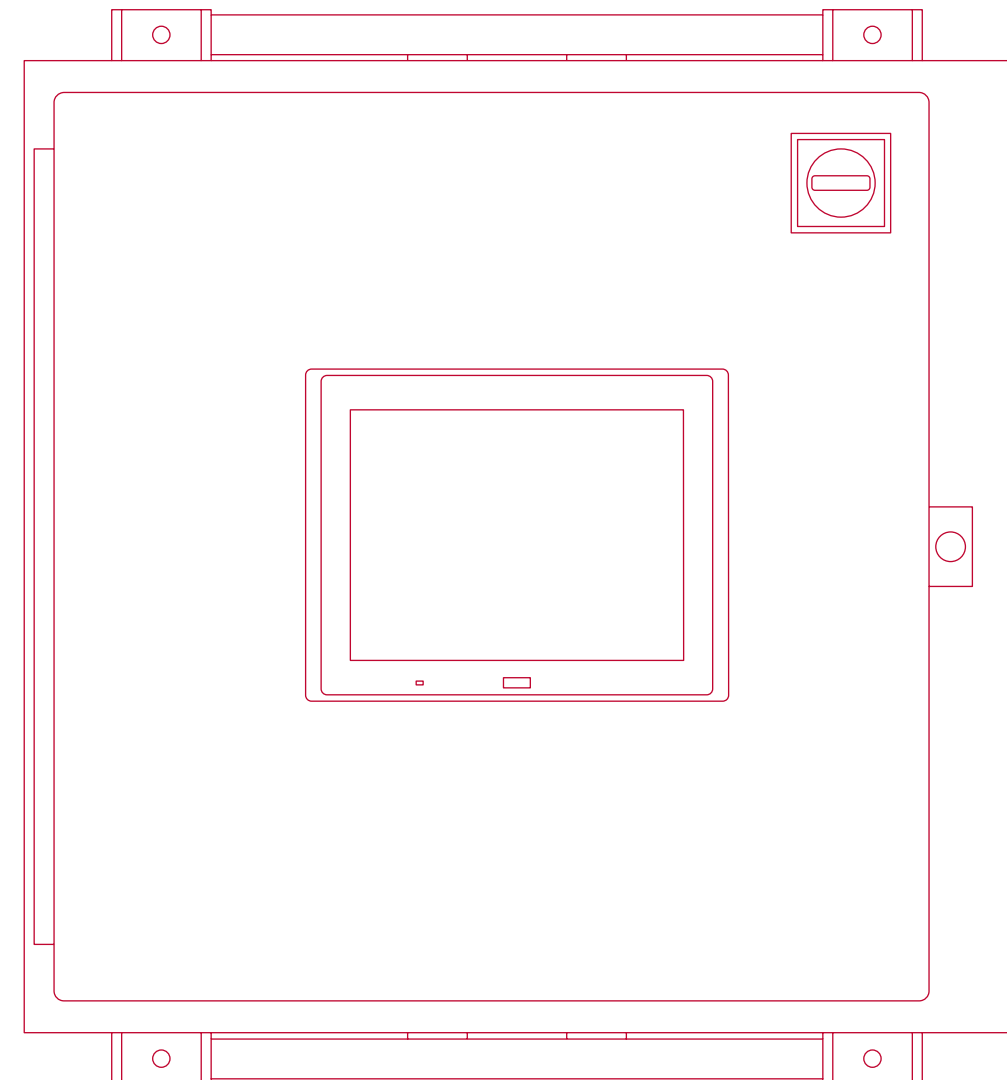
All motor controls, system settings, and adjustments are easily managed and monitored from the color touch screen HMI, making the system more efficient, economical, and customizable. Real-time displays of level, temperature, vacuum, and pressure readings are included, as well as active hour meters and statuses for all motors. A standard alarm log gives the user feedback on system errors and warnings while running self-diagnostics on all attached sensors and pumps, providing a visual alarm display and tone through the HMI. Pump status, system sensor readings, and alarms can also be monitored via BACnet IP or Web Server.


Every control panel comes standard with a 6" color HMI, PLC w/EXP, modules, Ethernet switch, 24VDC power supply, single-point non-fused disconnect, motor circuit protectors with adjustable overload settings, and a complete sensor package based on selected systems.

800 Series (DCS) Optional Features

- Fused Class J disconnect with cover interlock and LOTO provision, rated at 100 SCCR
- 10" color HMI (consult factory for screen sizes other than 6" or 10")
- Soft starters per motor
- Top-mount high frequency strobe/buzzer alarm
- Custom programming (consult factory for non-standard systems)
- External Ethernet port and utility plug

800 Series (DCS)





Acquired from Barnes & Jones Inc. in 1979, Vent-Rite Valve Corp. was established by its current parent company, The Swan Group, in 1984. Since 2004, VRVC has used MEPCO designs for Condensate and Boiler Feed Systems and MEPCO Vacuum Systems.

And through it all, we've always been focused on putting quality first. Not only do we believe in making great products for our customers, but we believe in doing it right—every single time. That's why every pump that leaves our doors has been carefully crafted and tested against the strictest standards, ensuring you receive the safest, highest-quality product possible.

ventritepump.com

1875 Dewey Avenue
Benton Harbor, MI 49022

(269) 925-8812