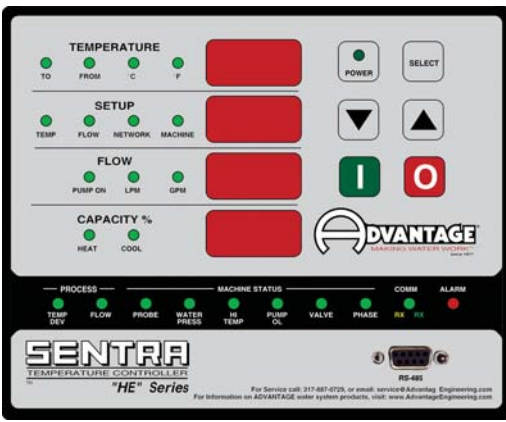


CONTROL INSTRUMENTS



FLOW METER SENSOR... made of high quality elastomer to operate under high temperature and a wide range of flows.



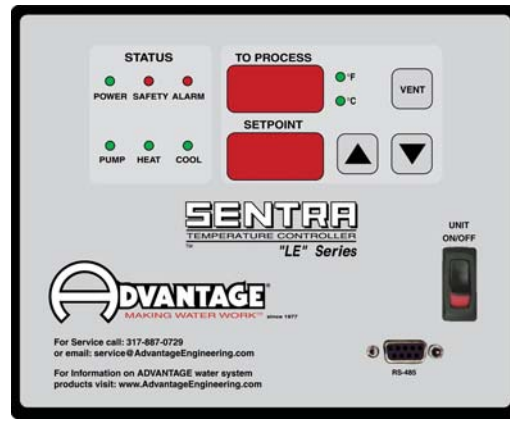
HE Series Controller ... For Process Temperatures up to 250°F.

- Four large display windows with continuous display of *To Process* temperature, *Setup* parameters, unit *Flow* and unit *Capacity*
- Process temperature display in Fahrenheit or Celsius
- Selectable *From Process* temperature display
- Easy to program set up parameters for *Temperature*, *Flow*, *Network* and *Machine*
- Built-in flow meter display unit flow in GPM or LPM
- Capacity indication in real time “%” of capacity or actual
- Green (ok) - Red (fault) status indicating lights for *Probe*, *Water Pressure*, *High Temp*, *Pump Overload*, *Cooling Valve* and *Phase* (pump rotation)
- Out-of-spec alarms for temperature and flow
- Built-in SPI communications. Modbus™ RTU & TCP/IP protocol are optional
- A 20' communications cable is optional
- A remoteable display panel with 20' - 200' cable is optional
- The AVT™ modulating cooling valve is used with this instrument



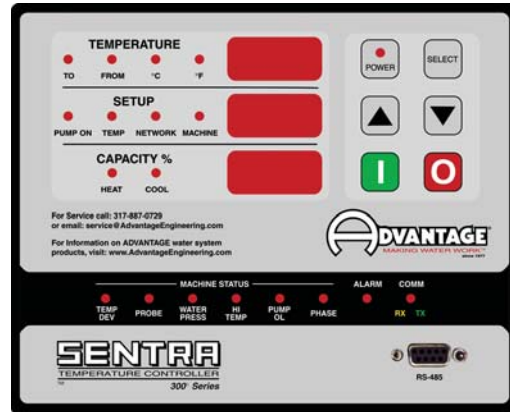
VE Series Controller ... For Process Temperatures up to 250°F.

- Single large display window with continuous display of *To Process* temperature
- Status indicating lights for *Power*, *Pump*, *Heat* and *Cool*
- On - Off rocker switch
- Pulsed solenoid cooling valve is used with this instrument



LE Series Controller ...For Process Temperatures up to 250°F.

- Two large display windows with continuous display of *To Process* and *Setpoint* temperatures
- Process temperature display in Fahrenheit or Celsius
- Momentary display of setup parameters in *Setpoint* display window
- Status indicating lights for *Power*, *Safety*, *Alarm*, *Pump*, *Heat* and *Cool*
- Built-in SPI communications. Modbus™ and other interface methods are optional
- A 20' communications cable is optional
- The AVT™ modulating cooling valve is used with this instrument



The unit requires an external source of water for system filling, pressurizing and cooling. The minimum water supply pressure is 55 psi to operate up to 300°F. A pulsed 3/8" solenoid cooling valve is used with this instrument.

300°F Series Controller ... For Process Temperatures up to 300°F.

- Three large display windows with continuous display of *To Process* temperature, *Setup* parameters and unit *Capacity*
- Process temperature display in Fahrenheit or Celsius
- Easy to program setup parameters for *Pump On*, *Temperature*, *Network* and *Machine*
- Green (ok) - Red (fault) status indicating lights for *Temperature Deviation*, *Probe*, *Water Pressure*, *High Temperature*, *Pump OL* and *Phase*
- Visual alarm output provided on temperature deviation
- Built-in SPI communications. Modbus™ and other interface methods are optional
- A 20' communications cable is optional
- Pulsed solenoid cooling valve is used with this instrument



Phone: 317-887-0729 Web: www.AdvantageEngineering.com

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