

Thermaflo Engineering Vacuflo Details

Saves Up To 10% Steam Over Any Conventional Steam Heater On The Market Today

Standard Auxiliary Items

- Steam Conditioning Station Standard
- Inlet Steam Separator with drip trap
- Steam Safety Relief Valve
- Vacuum Pressure Gauges
- RTD Electronic Sensors

OPTIONS

Data Logging and Trending
Double Safety Steam Shutdown Valves
Hydronic Complete Pumping Systems
Domestic water service units
Double wall tube construction

Vacuflo Exchanger

- Extended Shell Reverse Nozzle design, Rear Steam Entry to eliminate impingement on the tubes
- Vacuum rated heat exchanger
- Internal Inlet Noise Diffuser
- Heavy Seamless Copper tubes
- Copper Tubes standard, stainless steel & Cupro Nickel tubes available
- Only two gasket surfaces
- ASME Code Stamped Shell
- Proven U tube High Efficient design

EC1000 Touchscreen Panel

- NEMA 4 UL 508 Constructed
- Electronic BacNet PID controller
- High Temp Shutdown
- Building Management Interface
- Slow Ramp Startup to Avoid Waterhammer and Thermal Shock
- Uses up to 10% Less Steam to Produce the Same BTUS as Standard Steam Fired Heaters
- Eliminates the Need for Steam Pressure Reducing Stations
- Returns Condensate Without Exposing to Air and Atmosphere
- Eliminates All Wasted Flash Steam
- Remote Temperature Setpoint and Reset of Hot Water Outlet Saves Steam Usage Every Hour of Operation

JVV Steam Control Valve

- Single Seat V machined steam control valve featuring 100:1 flow range eliminating 1/3 2/3 split range control valve stations
- Controls outlet water temperature and vacuum pressure in the shell simultaneously
- Electronic high speed actuator fails closed and interfaces with energy management systems for temperature reset and remote on-off
- Accepts up to 150 psig inlet steam pressures



Vacuum Pump

- 150psig ASME Code Body
- Stainless Steel single compression mechanism
- Specifically designed for vacuum steam service to avoid "Steam Locking"
- Complete with sight glass and stainless steel check valves

Thermaflo Engineering Inc. Made in USA
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Since 1986