

**HVAC PRODUCTS
BOILER PLANTS**

**PACKAGED BOILER SYSTEMS INCLUDING PUMPS,
CONTROLS FOR OPEN AND CLOSED-LOOP
HOT WATER APPLICATIONS**



• APPLICATIONS

- 
Data Centers
- 
Health Care
Facilities
- 
Commercial
Buildings
- 
Educational
Facilities
- 
Industrial
Facilities
- 
Entertainment
Facilities
- 
Process
Cooling
- 
Food and Beverage
Processing
- 
Institutional
Facilities

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GUIDE



**HVAC PRODUCTS
BOILER PLANTS**

• BENEFITS

- Single source responsibility
- Certificate of product liability insurance
- Prefabricated and factory tested
- UL/ C-UL listed packaged pumping system label "QCZJ"
- UL 508A Listed Control Panel
- Pipe welding performed by ASME Section IX certified welders
- Structural welding performed by AWS D1.1 certified welders
- Start-up, commissioning, and training by factory-trained engineers

• STANDARD FEATURES

- UL 508A Listed Control Panel with HMI touch screen display
- Custom-design control logic to include pumps, valves, and boiler control
- Modbus or BACnet communication for BMS integration and field-adjustable parameters
- Piping design and fabrication per ASME B31.1 standard
- Carbon steel structure and piping with corrosion-resistant machine grade paint
- Suction diffusers, multi-purpose valves, isolation valves, control valves, etc.
- ASME Relief Valve
- Air separators and air vents
- Pressure and Temperature Instrumentation Ports

• OPTIONS

- Gas or electric boilers
- NFPA 54 National Fuel Gas Code compliant gas lines
- Neutralization kit and drain
- Boiler intake and exhaust ventilation piping
- Liquid-filled pressure gauges
- Deck plate skid design
- Several PLC and HMI options available (Allen-Bradley, Schneider, Siemens, etc.)
- X-Y multiple points certified test report
- Environmental enclosure and custom building facia
- Inertia base with isolator springs
- Outdoor Air Temperature Sensor for temperature set-point reset
- Wire-to-Water efficiency calculation
- Chemical shot-feeders
- Water and glycol-solution make-up water lines
- Custom design for reduced space and entryways
- Sub-micro or external VFD's with bypass

• CERTIFICATIONS

