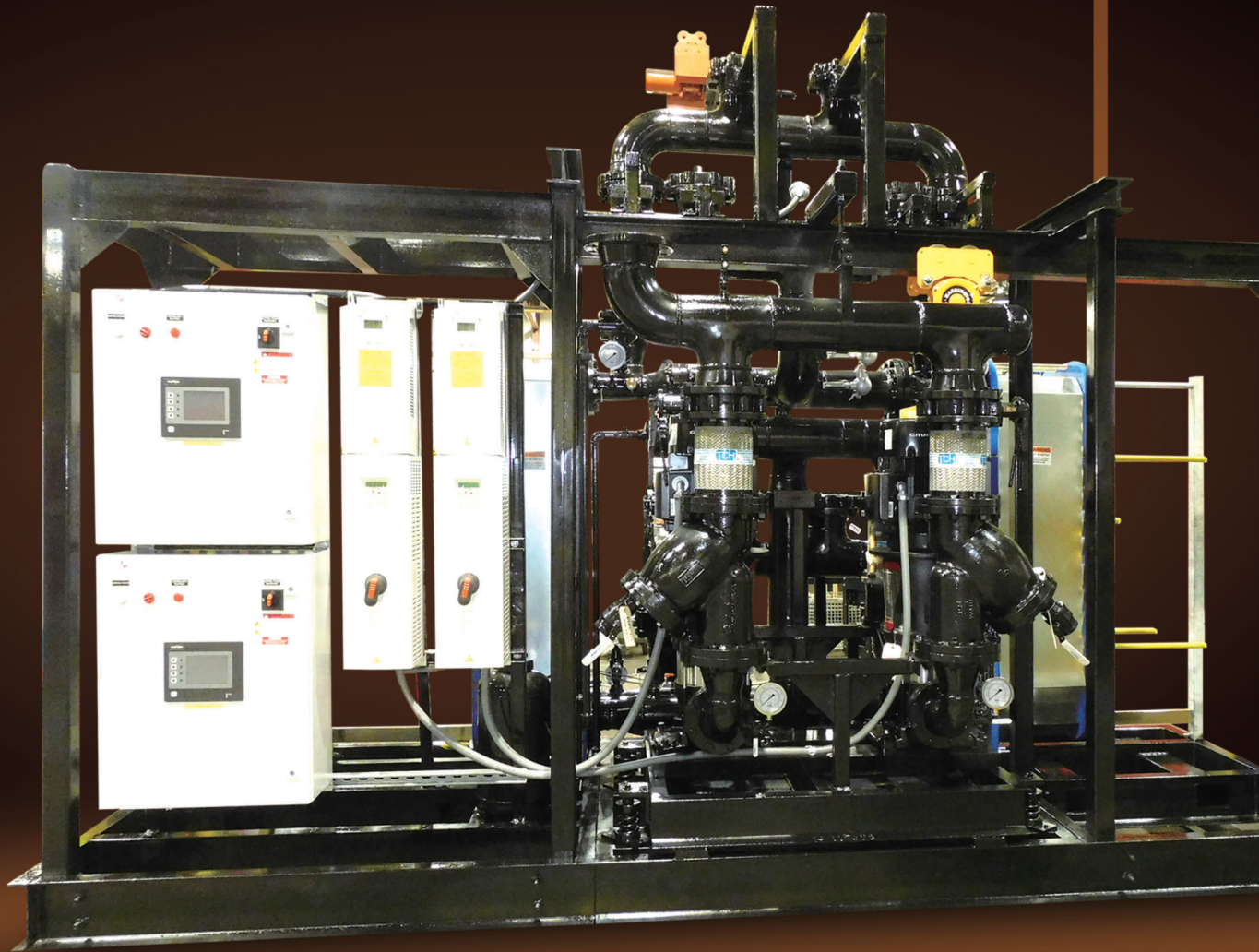


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HVAC PRODUCTS
DATA CENTER CHILLED WATER SYSTEMS
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**CHILLED WATER CIRCULATION SYSTEMS
FOR CRITICAL APPLICATIONS INCLUDING
MULTIPLE LEVELS OF PUMPING REDUNDANCY**
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• APPLICATIONS



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HVAC PRODUCTS
DATA CENTER CHILLED WATER SYSTEMS

• 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

- Multiple power supplies
- UL 508A Listed Control Panel with HMI touch screen display
- Custom-designed control logic for redundant pump control operation
- 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

- Plate and Frame heat exchangers
- 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
- Inertia base with isolator springs
- 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 