

2023

TIGERFLOW PRODUCT OFFERING GUIDE

www.tigerflow.com



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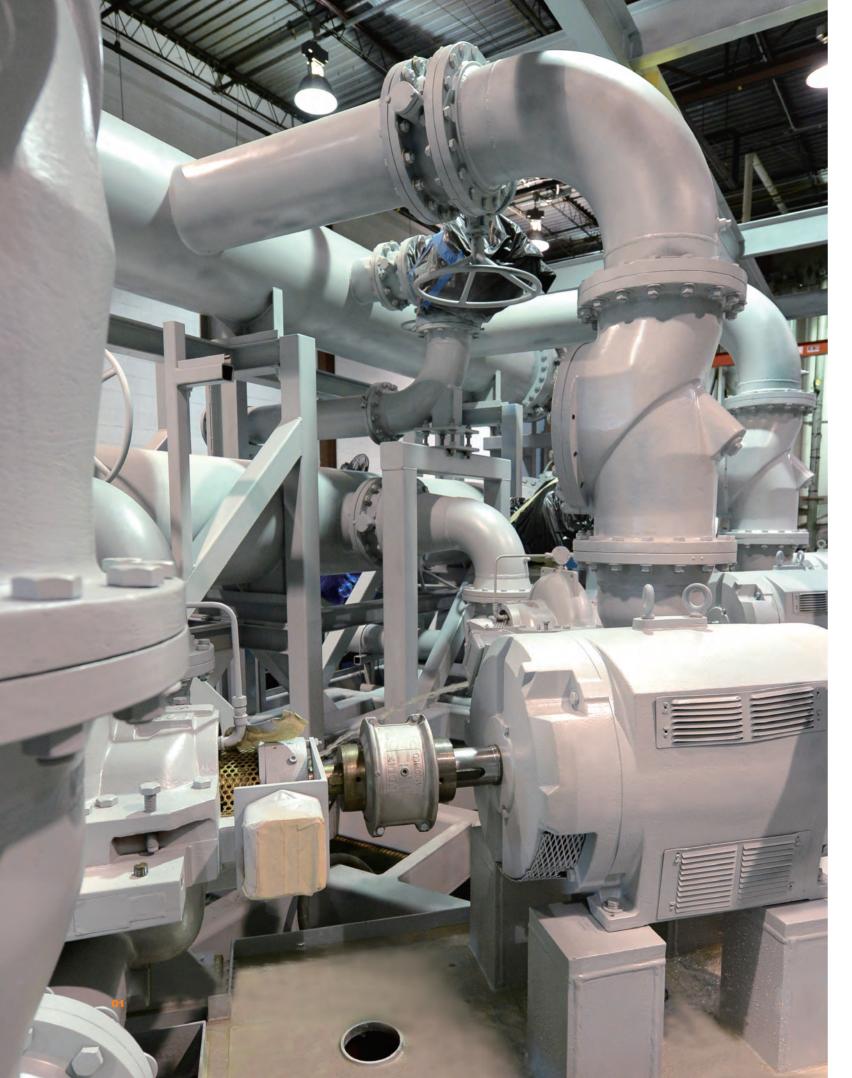
Controls

Panels

Mark V



Tigerflow Parts



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TIGERFLOW PRODUCT OFFERING GUIDF

WHY TIGERFLOW?

QUALITY

All our products are subjected to a rigorous quality inspection after each stage of the design and manufacturing process. Our ISO 9001-2015 certification ensures that our pumps and systems are compliant with our quality requirements as well as codes and certifications.

SMALLEST FOOTPRINT

Using state-of-the-art components, TIGERFLOW can quickly optimize a system to fit in even the smallest footprint. We know that space can be a constraint, and therefore, our systems are designed to occupy the least amount of space possible.

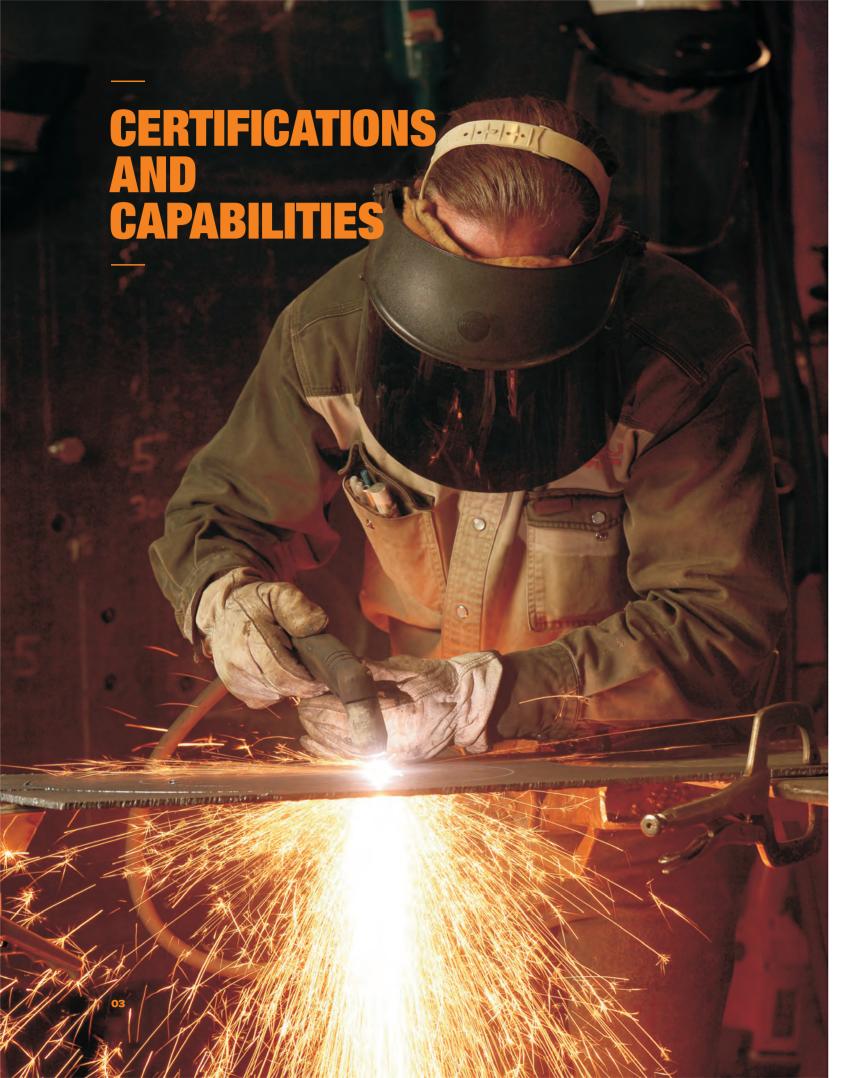
• PARTNERSHIP

We don't want to be just another manufacturer. The TIGERFLOW team strives to develop strong partnerships with representatives, suppliers, engineers, and contractors across all the various industries.

CUSTOMER SUPPORT

We know that we are all here to serve and support our customers. We strive to answer any questions there may be and to be very responsive. We intend to gain our customers' trust and keep it.

TIGERFLOW backs every system that is put into service and has a team of dedicated engineers and technicians to answer any questions and resolve any potential challenges in a design or installation.



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TIGERFLOW PRODUCT OFFERING GUIDE

MANUFACTURING PLANT

- 88,000 square feet manufacturing facility
- Seven manufacturing work centers, including welding, assembly, control panel shop, electrical installation, painting, and testing
- AWS and ASME Certified structural and pipe welders
- NIST Traceable testing facility
- UL 508A Certified control panel shop
- In-house degreed and professional engineers for mechanical, electrical and software design

• **CERTIFICATIONS**

- ISO 9001: 2015 certified facility
- Certificate of product liability insurance
- ETL/C-ETL Listed packaged fire pump systems
- NFPA 20 certified engineers and designers
- UL/ C-UL listed packaged pumping system label "QCZJ"
- UL FDNP.MH61218 Drinking Water System Components NSF-61
- UL FDNP7.MH61218 Drinking Water System Components Certified for Canada NSF-61
- UL QNVB.MH61218 Lead Content Verification of Products in Contact with Potable Water NSF-372
- UL QNVB7.MH61218 Lead Content Verification of Products in Contact with Potable Water Certified for Canada NSF-372
- IAMPO 6940 California low lead AB1953/116875
- UL/C-UL 508/918 industrial control panel facility
- Pipe welders certified to ASME Section IX
- Structural welders certified per AWS D1.1
- CMR 248 Massachusetts Plumbing Code Approval #P3-0204-58
- State of Ohio Industrialized Buildings Authorization #308.02
- State of Washington, Dept. of Labor & Industries Approval



PUMP PRODUCTS **CD SERIES PUMPS**

VERTICAL MULTISTAGE PUMPS

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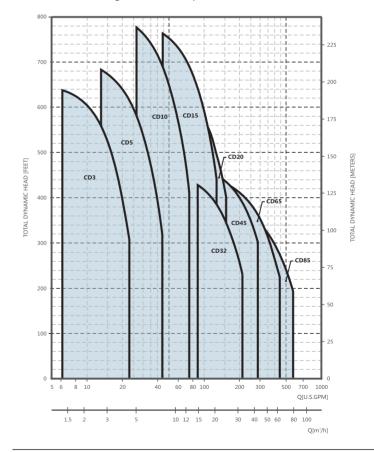


• BENEFITS

- ANSI/NSF-61 and ANSINSF-372 Certified
- Hydraulically Balanced
- Energy Efficient
- Stainless Steel Construction

• STANDARD FEATURES

- 304/316 impellers & body
- Cast Iron/316 pump head & base
- Cartridge mechanical seal
- Flow: up to 570 U.S. GPM (130 m³/hr)
- Head: up to 805 feet (246 m)
- Liquid Temperature: 5°F to 248°F (-15°C to 120°C)
- Minimum Efficiency Index (MEI) up to 0.7
- Maximum Working Pressure 362 psi (25 bar)



• CERTIFICATIONS CUL US LISTED NSF



















Water treatment

HVAC

PUMP PRODUCTS T1HS SERIES PUMPS

SINGLE-STAGE HORIZONTAL STAINLESS STEEL CENTRIFUGAL PUMPS



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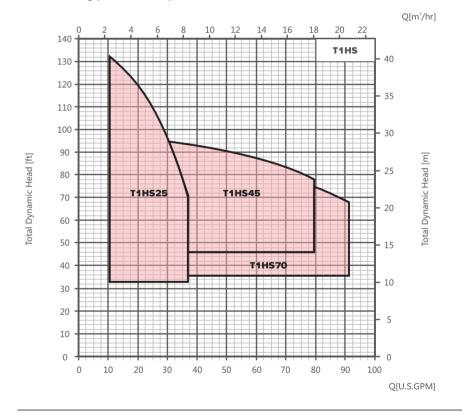


• BENEFITS

- 304 and 316 stainless steel wetted construction provides corrosion resistance, outstanding appearance, and strength.
- The closed-couple motor connection allows for a compact installation
- Centerline threaded suction and discharge connections make installation easy
- NSF-61 and NSF-372 certification ensures compliance with state and local regulations

• STANDARD FEATURES

- 304/316 stainless steel wetted materials construction
- Closed-couple motor for compact installations
- NSF 61/372 Certified
- IP55 / NEMA 4 Motor
- 208-230/460 VAC 3φ 60Hz
- Max. working pressure: 115 psi

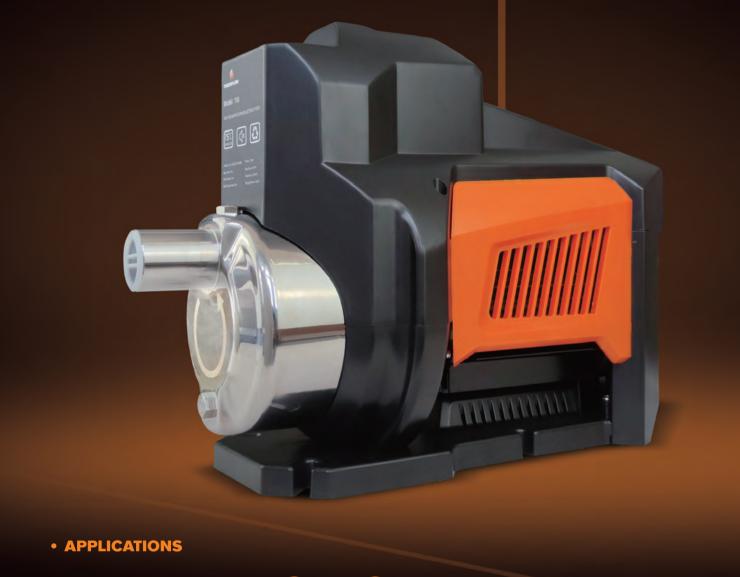






PUMP PRODUCTS
OCELOT SIMPLEX BOOSTER

PERMANENT MAGNET VARIABLE FREQUENCY SERIES PUMP



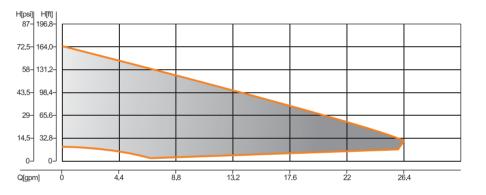
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• STANDARD FEATURES

- Permanent magnet motor with integrated VFD
- Adjustable pressure setpoint through easy-to-use interface
- Self-priming up to 5ft
- AISI 304 SS pump body and wetted components
- Built-in expansion tank for leak loads
- Excellent for residential or light commercial applications
- 120 VAC 3-prong cable connection
- Light weight and easy to move



• PRODUCT DISPLAY



PLUMBING PRODUCTS TIGERCUB

SIMPLEX BOOSTER SYSTEM FOR **SMALL COMMERCIAL APPLICATIONS**



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PLUMBING PRODUCTS

TIGERCUB





• 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 Disconnect Panel
- Small footprint and easy installation

STANDARD FEATURES

- Non-Slam, center guided, stainless steel check valve
- Stainless steel pump and piping construction
- Low suction or low-level alarm
- Variable frequency drive
- Liquid-filled pressure gauges
- Vibration isolators
- Union-ball valves on suction and discharge connections with pressure port

• OPTIONS

- Model 4.4-gallon, 150 psi rated, FDA rated diaphragm tank
- Model ST-210V, 86-gallon, 150 psi rated, FDA rated diaphragm tank
- Model TF-132, 132-gallon, 150 psi rated, ASME Listed, bladder tank
- Model TF-185, 185-gallon, 150 psi rated, ASME Listed, bladder tank
- UL 508A Listed Control Panel with HMI touch screen display
- TEFC Motor

• CERTIFICATIONS CUL) US LISTED



PLUMBING PRODUCTS CONFIGURE-TO-ORDER BOOSTER

PRE-ENGINEERED SYSTEM DESIGNED FOR MINIMIZED COST AND LEAD TIME. **CONFIGURATION TOOL AVAILABLE IN THE GLOBAL PROPOSAL SYSTEM**



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PLUMBING PRODUCTS

CONFIGURE-TO-ORDER BOOSTER





• 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 with VFD's
- NSF-61 Potable water certification
- NSF-372 certification for weighted average lead content <= 0.25%
- Pipe welding performed by ASME Section IX certified welders
- Structural welding performed by AWS D1.1 certified welders
- TAP Technology control algorithm that meets ASHRAE 90.1 energy efficiency requirements
- Fits through a 36" doorway
- Small footprint and easy installation

STANDARD FEATURES

- Available with vertical multistage and end-suction pumps
- UL 508A Listed Control Panel with HMI touch screen display
- Modbus or BACnet communication for BMS integration
- Piping design and fabrication per ASME B31.1 standard
- Non-Slam, center guided, stainless steel check valve
- Grooved butterfly or threaded ball isolation valves
- AISI 304 Stainless steel piping with a corrosion-resistant polished finish
- Machine grade paint on the structural base
- Multiple monitoring conditions available through the control panel

OPTIONS

- Liquid-filled pressure gauges
- 132 or 185 Gallon, 150 psi rated, ASME Listed, bladder tank with tank feed assembly
- Reducing couplings for suction and discharge connections
- X-Y multiple points certified test report





• APPLICATIONS















PLUMBING PRODUCTS
ENGINEERED-TO-ORDER BOOSTER

CUSTOM DESIGNED BOOSTER SYSTEMS FOR SPECIFIC DIMENSIONS, CONTROLS, AND OTHER SPECIFICATIONS



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PLUMBING PRODUCTS

ENGINEERED-TO-ORDER BOOSTER





• 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
- NSF-61 Potable water compliant designs
- NSF-372 compliant components for weighted average lead content <= 0.25%
- Pipe welding performed by ASME Section IX certified welders
- Structural welding performed by AWS D1.1 certified welders
- TAP Technology control algorithm that meets ASHRAE 90.1 energy efficiency requirements

STANDARD FEATURES

- Available for vertical multistage, end-suction, horizontal and vertical split case and other styles of pumps
- UL 508A Listed Control Panel with HMI touch screen display
- Sub-micro variable frequency drives
- Modbus or BACnet communication for BMS integration
- Piping design and fabrication per ASME B31.1 standard
- Non-Slam, center guided, stainless steel check valve
- Grooved butterfly or lug style isolation valves
- Carbon steel structure and piping with corrosion-resistant machine grade paint

• OPTIONS

- Liquid-filled pressure gauges
- 132 or 185 Gallon, 150 psi rated, ASME Listed, bladder tank with tank feed assembly included
- NSF-61 certified fusion bonded epoxy for piping
- Pressure-reducing piloted control/check, surge anticipator, pressure relief, float and solenoid and other styles of valves
- Constant-speed control logic
- 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

• CERTIFICATIONS



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FIRE PUMP SYSTEMS

PREFABRICATED FIRE PUMP SYSTEMS
DESIGNED TO MEET NFPA 20 STANDARDS



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FIRE PUMP SYSTEMS

• BENEFITS

- Single source responsibility
- ETL/C Certified
- NFPA Certified Designers
- Pipe welding performed by ASME Section IX certified welders
- Structural welding performed by AWS D1.1 certified welders
- Certificate of product liability insurance
- Prefabricated and factory tested

STANDARD FEATURES

- Piping design and fabrication per ASME B31.1 standard
- All electrical installation performed NFPA 70 (NEC) and OSHA guidelines
- Carbon steel structure and piping with corrosion-resistant machine grade paint

OPTIONS

- Environmental enclosures with state-building certification
- Metallic and non-metallic building construction
- Seismic calculations certified by professional engineers
- A/C and Heating units
- Custom building facia
- Sprinkler systems following NFPA 13 installation
- 1 & 2-hour firewall construction
- Electric and Diesel drivers
- Diesel fuel fill stations
- Deck plate skid design

• DRIVER OPTIONS

• Electric Motors • Diesel Engine

PUMP OPTIONS

- End suction Horizontal Split Case
- In-Line Vertical Turbine

• CERTIFICATIONS



HVAC PRODUCTS GLYCOL MAKE-UP UNIT (GMU)

PRESSURE MAINTENEING SYSTEM FOR **GLYCOL SOLUTION LEVELS IN HVAC SYSTEMS**

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GUIDE



HVAC PRODUCTS GLYCOL MAKE-UP UNIT (GMU)





• BENEFITS

- Stocked, ready-to-ship units
- 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
- Small footprint and easy installation

STANDARD FEATURES

- 55 or 100-gallon tanks
- Relief valve adjustable between 50-125 psi
- Steep pump curve allows for pressure settings up to 100 psi
- Adjustable pressure switch with 30-15 psi set-point range, 5-30 psi dead-band, and visible range scale
- Union ball valves allow for easy installation, maintenance, and service
- Strainer with stainless steel mesh screen keeps debris from entering the system
- 120 VAC, 1 phase power feed with a standard 3-prong plug
- Low-level switch protection against dry run
- NO/NC alarm dry contacts for monitoring systems
- Non-slip, adjustable feet base supports

• OPTIONS

- Liquid-filled pressure gauges
- Duplex configuration
- 208/230 and 460/480 VAC 3-phase input power options
- Engineered-to-Order design
- 2.2-Gallon expansion tank with 125 psi rating

• CERTIFICATIONS CUL US LISTED



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• APPLICATIONS





water systems

HVAC PRODUCTS HVAC HYDRONIC SYSTEMS

HYDRONIC SYSTEMS FOR PRIMARY AND SECONDARY LOOPS FOR HEATING, **CHILLED AND COOLING WATER SYSTEMS**



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TIGERFLOW PRODUCT OFFERING GUIDE







• 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

STANDARD FEATURES

- Single-point power connection
- UL 508A Listed Control Panel with HMI touch screen display
- Standard and custom PLC control logics
- 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, air separators, isolation valves, control valves, etc.

OPTIONS

- 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 CUL US LISTED



HVAC PRODUCTS HEAT TRANSFER SYSTEMS

STEAM-TO-WATER AND WATER-TO-WATER **HEAT TRANSFER SYSTEMS**



• APPLICATIONS











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• 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

STANDARD FEATURES

- Single-point power connection
- UL 508A Listed Control Panel with HMI touch screen display
- Standard and custom PLC control logics
- 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.
- 9" scale thermometers
- ASME Relief Valve
- Air separators and air vents
- Pressure and Temperature Instrumentation Ports

OPTIONS

- Plate and Frame or Tube and Shell heat exchangers
- NRS and OS&Y isolation gate valves
- 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
- Drip legs with a float or thermostatic steam trap
- Motor-driven and pressure-powered condensate return lines

• CERTIFICATIONS CUL US LISTED



HVAC PRODUCTS
DATA CENTER CHILLED WATER SYSTEMS

CHILLED WATER CIRCULATION SYSTEMS
FOR CRITICAL APPLICATIONS INCLUDING
MULTIPLE LEVELS OF PUMPING REDUNDANCY



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TIGERFLOW PRODUCT OFFERING GUIDE



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



HVAC PRODUCTS BOILER PLANTS

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



Facilities

Facilities

Industrial Entertainment Process Food and Beverage

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TIGERFLOW PRODUCT OFFERING GUIDE







• 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 C(UL)US LISTED



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Buildings

APPLICATIONS

Data Centers Health Care

Facilities

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HVAC PRODUCTS CHILLER PLANTS

PACKAGED CHILLER SYSTEMS INCLUDING PUMPS, **CONTROLS FOR CLOSED-LOOP CHILLED WATER APPLICATIONS**























APPLICATIONS









Industrial Entertainment **Facilities**

Process Food and Beverage

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TIGERFLOW PRODUCT OFFERING GUIDE







• 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 chiller 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.
- Air separators and air vents
- Pressure and Temperature Instrumentation Ports

• OPTIONS

- Air or water-cooled chillers
- 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
- 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



MUNICIPAL PRODUCTS MUNICIPAL WATER DISTRIBUTION SYSTEM

PUMPING PACKAGED SYSTEMS FOR WATER DISTRIBUTION AND TREATMENT PLANTS



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MUNICIPAL PRODUCTS

MUNICIPAL WATER DISTRIBUTION SYSTEM

• 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
- NSF 61 and ASME Code Bladder Tanks

STANDARD FEATURES

- UL 508A Listed Control Panel with HMI touch screen display
- 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

OPTIONS

- Vertical multistage, end suction, horizontal or vertical split case, self-priming or canned
- 304 or 316 Stainless Steel, or carbon steel with NSF-61 certified fusion bonded epoxy coated piping
- Lug or grooved style butterfly valves
- Silent check, pressure reducing/check, surge anticipator, pressure relief, float-controlled solenoid fill valves, etc.
- 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
- Custom design to meed engineers specifications
- Sub-micro or external VFD's with bypass
- Multiple communication protocols available
- Remote monitoring through cellphone
- Chlorine analyzer and injection systems
- Dye injections
- Magnetic and thermal dissipation flowmeters
- Backup power generators
- A/C units
- Open or closed reservoir tanks with fill control valves











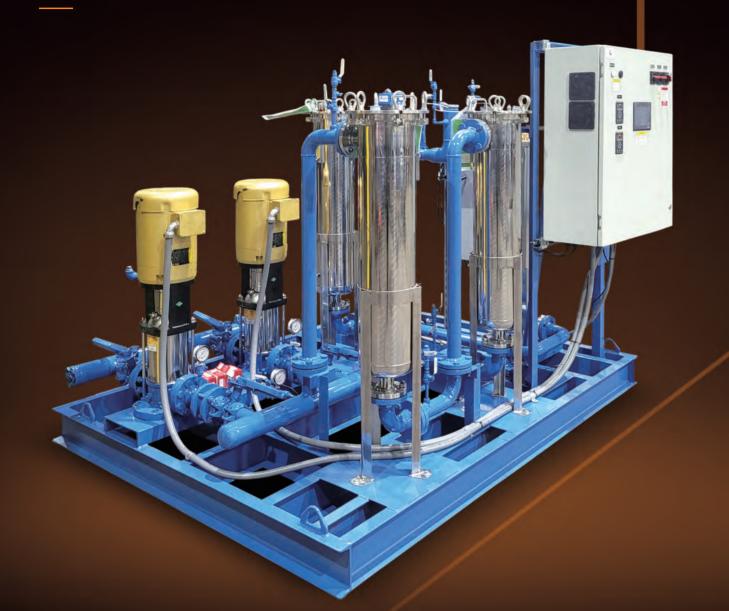




Water Distribution Government Offices

RAINWATER PRODUCTS
RAINWATER PUMPING SYSTEMS

PUMPING PACKAGED SYSTEMS FOR THE USE OF RAINWATER



APPLICATIONS























Other Non-Potable

*

Protection Systems

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RAINWATER PRODUCTS RAINWATER PUMPING 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
- ARCSA 63 compliant systems

STANDARD FEATURES

- UL 508A Listed Control Panel with HMI touch screen display
- 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.
- ASHRAE 90.1 Compliant speed control algorithm

• OPTIONS

- Vertical multistage, or submersible pumps
- 304 or 316 Stainless Steel piping
- Lug or grooved style butterfly valves
- Silent check, pressure reducing/check valves
- Differential pressure switches for monitoring of clogged filters
- 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
- Dye injections
- Above ground polypropylene or fiberglass tanks

WATER TREATMENT OPTIONS

- Ultraviolet
- Chlorination
- Media or ultrafiltration
- Bag filter
 Cartridge filter
- Self-cleaning screen filter

ADVANTAGES OF RAINWATER HARVESTING

- Save water and energy
- LEEDS points
- Lower water bills
- Stormwater mitigation

• CERTIFICATIONS



IRRIGATION PRODUCTS JUNGLECAT

COMPLETE TURN-KEY SOLUTION FOR LANDSCAPE AND IRRIGATION **APPLICATION**



• APPLICATIONS















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IRRIGATION PRODUCTS





• 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

STANDARD FEATURES

- UL 508A Listed Control Panel with HMI touch screen display
- 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

• OPTIONS

- Vertical multistage, end suction, horizontal or vertical split case, self-priming or canned
- 304 or 316 Stainless Steel, or carbon steel with NSF-61 certified fusion bonded epoxy coated piping
- Lug or grooved style butterfly valves
- Silent check, pressure reducing/check, surge anticipator, pressure relief, float-controlled solenoid fill valves, etc.
- Liquid-filled pressure gauges
- X-Y multiple points certified test report
- Fiberglass or aluminum enclosure



CONTROL PANELS MARK V CONTROLLERS



• APPLICATIONS















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TIGERFLOW PRODUCT OFFERING GUIDE



CONTROL PANELS MARK V CONTROLLERS





• BENEFITS

- Patented Speed Control Algorithm for maximum efficiency pump speed
- UL 508A Listed Control Panel
- PLC and HMI controller equipment
- Intuitive, easy-to-use interface
- Custom design control algorithms and screens
- In-house electrical and controls engineers
- Modbus or BACnet communication for BMS integration and field-adjustable parameters

STANDARD FEATURES

- Non-volatile memory for all set-points
- 6" color touchscreen HMI
- TAP Set-point adjustment technology
- Individual pump HOA and run indication
- Pump sequencing based on pressure and/or flow
- Field-adjustable settings
- Automatic pump alternation
- Event history recording up to 100 events
- Suction and discharge pressure readings in psi
- Up to 7 levels of password security
- Communication ports RS-485, RS-232, and Ethernet
- Touch-safe DC power supply
- Through-door disconnects with individual motor short-circuit protection
- Alarm horn and indicating light
- Fused motor overcurrent protection

• CERTIFICATIONS CUL US LISTED



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CONTROL PANELS MARK SERIES CONTROLLERS



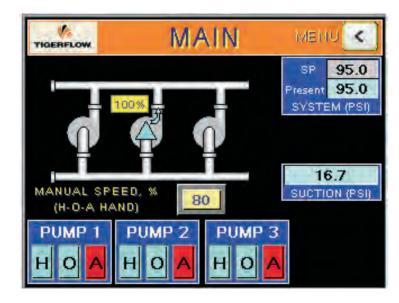


• **CONTROLLER MODELS**

- Mark II Constant Speed Booster System
- Mark II Tank Level Control
- Mark IV HVAC Constant Speed Pumping System
- Mark V Variable Speed Booster System
- Mark VI HVAC Variable Speed Pumping System
- Mark VIII Data Center Control System
- Mark R Rainwater and reuse water Pumping System
- Mark X Total Process HVAC System

• OPTIONS

- Flow rate and totalizing flow readings
- Individual alarms dry contacts
- Pump run validation switches
- Analog signal retransmission (4-20ma or 0-10 VDC)
- Power monitoring
- Multiple power feeds
- Data-logging
- Phase monitor
- Surge and lightning arrestor
- TVSS
- Circuit breakers
- Motor overload alarms
- NEMA 4X stainless and fiberglass enclosures





REPLACEMENT PARTS FOR ALL LINES OF PUMPING SYSTEMS

• BENEFITS

- Single source responsibility
- Certified replacement parts for existing systems
- Pre-programmed controllers and variable frequency drives
- NSF-61 certified components for potable water systems
- TIGERFLOW's standard warranty
- Multiple brands and model series
- Aftermarket technical support and selection guide



Personal
Responsibility
In
Delivering
Excellence

WE HAVE PRIDE IN EVERYTHING WE DO!



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