Scot Pump A WILO BRAND | WEIL Pump A WILO BRAND | AMERICAN-MARSH PUMPS A WILO BRAND | QuantumFlo A WILO BRAND | PLAD A WILO BRAND

wilo®

North America – 60 Hz.

NSF Certified Product Guide

Potable Water Solutions





About Wilo USA

WILO USA LLC, a subsidiary of WILO SE, is one of the world's leading manufacturers of pumps and pump systems for building services, the entire water management chain, and industry. Based in Dortmund, Germany, WILO SE is increasingly moving away from being just a supplier of components and moving toward being a system supplier. Wilo provides products, systems and solutions.

Wilo has an in-depth understanding of the future global development trends, and constantly introduces new products and new technologies to respond to these trends. We are constantly concerned about globalization, urbanization, climate change, energy scarcity, water scarcity, technological advancement and digitalization. These trends are closely related to our daily life and are extremely important to the development direction of our products.

WEIL Pump — A WILO BRAND

Scot Pump — A WILO BRAND

AMERICAN-MARSH PUMPS — A WILO BRAND

QuantumFlo — A WILO BRAND

PLAD — A WILO BRAND

WHAT IS NSF?

NSF International is an independent, non-governmental, not-for-profit accrediting organization which tests, audits, and certifies an array of products and services. Begun in 1944 as the National Sanitation Foundation, NSF was founded to improve the quality of human life through scientific research and advancements in sanitation. Their goal is to develop public health standards and services that help protect the world's food, water, consumer products, and environment.

OUR CERTIFICATION

Wilo is proud to have a variety of NSF-certified products. To receive NSF certification, our pumps and systems undergo rigorous testing and analysis of every wetted component. Meeting the NSF standard means that from suction to discharge, our pumps are certified to pump drinking water without risk of contaminating it with chemicals or impurities that can affect a person's health. Just another way Wilo shows our commitment to quality and sustainability.

APPLICATIONS

NSF-certified pumps and products have a variety of applications; you'll find these pumps any time potable (or drinking) water is being moved. Wilo can provide NSF-certified solutions for municipal water supply, clean water treatment, domestic hot and cold water circulation and recirculation, dishwashing equipment, washing and sprinkling systems, water wells and more!



Drinking Water



Clean Water Treatment



Municipal Water Supply

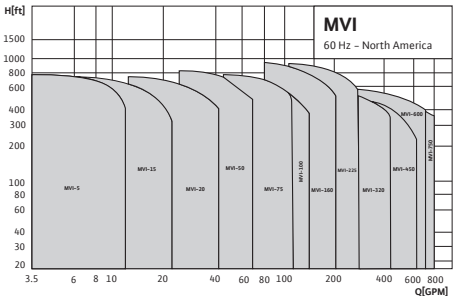


Domestic Hot Water Circulation



Scot MVI

High-Pressure Vertical Multistage Centrifugal Pumps



Application

- → Water Supply
- → Pressure Boosting
- → Industrial Circulation Systems
- → Process Water
- → Cooling Water Circulation Systems
- → Washing Systems
- → Irrigation

Max. Flow

800 GPM

Max. Head

950 feet

Features & Benefits

- → Non-self-priming, high pressure, vertical multistage centrifugal pump with inline connections
- → The MVI is equipped with cartridge mechanical seal which enables quick and easy maintenance
- → The spacer coupling allows the mechanical seal to be replaced without removing the motor
- → The MVI series is also available with variable frequency drive upon request

Technical Data

- → NSF/ANSI 372 and 61 certified
- → Power connections: 1~115/230 V 3~ 230/460/575 V
- → Fluid temperature range determined by liquid type
- → Ambient temperature: 5°F to 104°F
- → Max. operating pressure: 145 PSI, 232 PSI, 363 PSI and 435 PSI (Depending on number of stages)

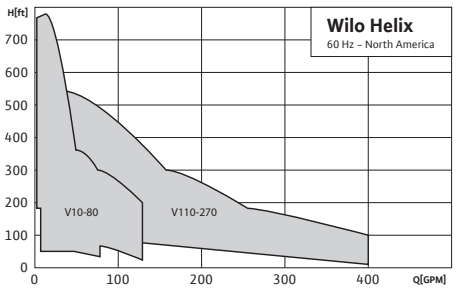
Materials of Construction

- → ANSI CLASS flanges connection
- → 304 and 316 Stainless Steel construction
- → Stainless Steel impellers, chambers, and casing



Wilo-Helix V

High-Pressure Vertical Multistage Centrifugal Pumps



Application

- → Water Supply
- → Pressure Boosting
- → Condensate Return
- → Boiler Feed
- → Washing/Sprinkling
- → Process Engineering
- → Cooling Circuits

Max. Flow

380 GPM

Max. Head

800 feet

Features & Benefits

- → Cartridge seal design for easy serviceability
- → 3D Laser welded Impellers for improved hydraulic efficiency and reduced NPSHR
- → Integrated thrust bearings for reduced motor stress
- → Pump lifting lugs
- → Heavy-duty pump base

Technical Data

- → NEMA premium efficiency motors
- → Fluid temp range: -4°F to 248°F (-20°C to 120°C)
- → Electrical connections: 3~208-230/460/575V
- → Flange connection: Class 300 ANSI for models 10-80 or 250# ANSI split flanges for models 110-270
- → Pressure range: 232 PSI or 363 PSI

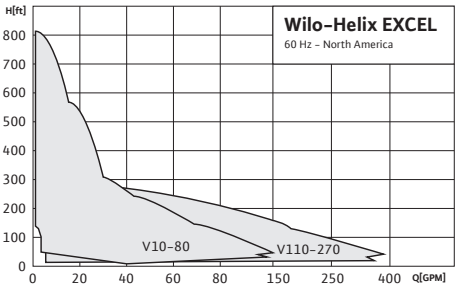
Materials of Construction

- → 304 Stainless Steel construction
- → Certified to NSF/ANSI 61
- → Stainless Steel volute, impeller & shaft
- → Mechanical seal options: Tungsten Carbide/EPDM, or optional Viton®/FKM



Wilo-Helix EXCEL

High-Efficiency Multistage Pumps



Application

- → Water Supply and Pressure Boosting
- → Process Water
- → Pressure Washing Systems/Sprinkling Systems
- → Industrial Circulation Systems
- → Cooling Circuits & Condensate Return
- → Agriculture/Irrigation

Max. Flow

395 GPM

Max. Head

807 feet

Features & Benefits

- → High-efficient EC motor (IE5)
- → High-efficiency controller offers up to 70% speed reduction
- → Optimized 3D impellers for improved head and flow per stage
- → Cartridge mechanical seal for quick and easy maintenance
- → Variable pressure, constant pressure and variable speed control modes (See kits below, footnote*[1] and footnote*[2])
- → Optional BACnet™, Modbus, LonWorks® interface modules

Technical Data

- → Voltage: 460V (+/- 10%), 60Hz
- → Fluid temp range:
  Models 10-80: -22 to 248°F (-30 to 120°C)
  Models 110-270: -4 to 248°F (-20 to 120°C)
- → Max operating pressure: 232/362 PSI
- → Class 300 ANSI flanges standard on models ≥ 2"
- → Control modes: ΔPV*[1], ΔPC*[2], constant speed, PID
  *[1] = Differential Transducer Kit available
  *[2] = Discharge Transducer available

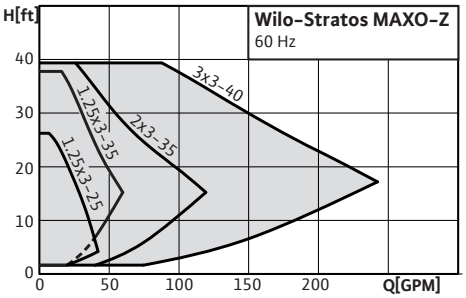
Materials of Construction

- → Stainless Steel construction certified to NSF 61 (Models 10-80)



Wilo-Stratos MAXO-Z

High-Efficiency DHW Smart Circulators



Application

- → Drinking Water
- → Domestic Hot Water Circulation Systems
- → Hot Water Heating Systems
- → Air Conditioning
- → Closed Cooling Circuits
- → Industrial Circulation Systems

Max. Flow

240 GPM

Max. Head

40 feet

Features & Benefits

- → EC motor technology
- → Green Button Technology with 4.3" LED color display
- → Highest standard of drinking water hygiene and energy efficiency
- → Thermal disinfection detection
- → Bluetooth connection to mobile devices
- → Easy electrical installation

Technical Data

- → Certified to NSF/ANSI 61 & 372
- → Drinking water temp range: 32°F to 176°F (0 °C to 80°C)
- → Heating water temp range: 14°F to 230°F (-10 °C to 110°C)
- → Electrical connection: 1~115/230V, 1~230V
- → NEMA 2 enclosure protection

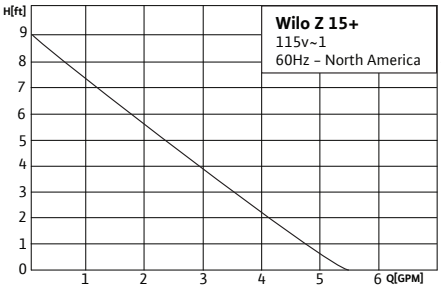
Materials of Construction

- → ANSI 304 Stainless Steel construction
- → Carbon Bearing
- → Carbon Fiber composite impeller



Wilo-Z 15+

Domestic Hot Water Circulators



Application

- → Domestic Hot Water Recirculation

Max. Flow

5.5 GPM

Max. Head

9 feet

Features & Benefits

- → Compact design
- → Conserves energy and water
- → CSA compliant to NSF-61 & 372
- → Optional digital timer
- → Quick installation
- → 115V power cord included

Technical Data

- → Water temp range: 32°F to 160°F (0°C to 71°C)
- → Max. working pressure: 145 PSI (10 Bar)
- → Electrical connection: 1~115v, 60Hz
- → Protection class: IP54

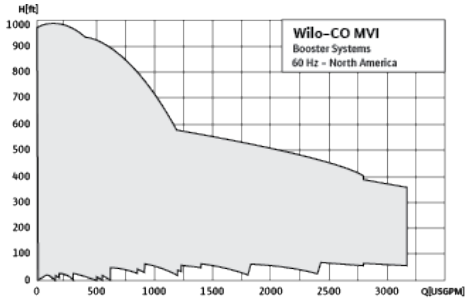
Materials of Construction

- → Impeller: composite/40% glass filled (PA66G40)
- → Shaft: Ceramics
- → Rotor core: Silicon steel sheet + copper strip



Wilo-CO-MVI

Pressure Boosting System



Application

- → Water Supply
- → Pressure Boosting
- → Agriculture
- → Washing / Sprinkling Systems
- → Cooling Circuits
- → Condensate Return

Max. Flow

3,164 GPM

Max. Head

989 feet

Features & Benefits

- → 33HP-100HP per pump (up to 4 pumps in parallel)
- → Strong base support with close-fitting profile to maneuver through doorways
- → NSF/ANSI 61 & 372 certified systems 304 stainless steel construction
- → Full system kWH energy reporting
- → Real-time diagnostics and remote monitoring
- → Onboard ModBUS and optional BACnet & LonWorks interface
- → Variable speed control per pump
- → Adjustable low-pressure cut-out
- → Balanced run time across all pumps

Technical Data

- → Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a min of 32°F for domestic water
- → Electrical connections: 3~208 230/460/575V
- → Rated pressure: 232/363 PSI
- → System flange connection: 150 Class ANSI or 300 Class ANSI
- → TEFC motors standard

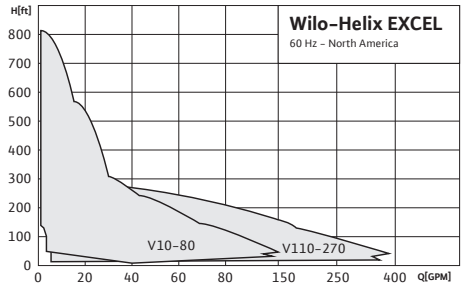
Materials of Construction

- → All 304 Stainless Steel construction
- → Entire packaged systems are listed under UL for NSF 61 and 372 as well as QCZJ "packaged pumping systems"EPDM/FKM elastomers
- → Mechanical seal options: Tungsten Carbide/ EPDM, or optional Viton®/FKM



Wilo-Helix EXCEL Complete

High-Efficiency, ECM Driven, Single-Pump Boosting Systems



Application

- → Water Supply
- → Pressure Boosting
- → Cooling Systems
- → Boiler Feed
- → Pressure Washing
- → Irrigation

Max. Flow

395 GPM

Max. Head

807 feet

Features & Benefits

- → High efficient EC motor (IE5)
- → High-efficiency controller offers up to 70% speed reduction
- → Optimized 3D impellers for improved head, flow per stage, and reduced NPSHR
- → Cartridge mechanical seal for quick and easy maintenance
- → Variable pressure, constant pressure, and variable speed control modes (See footnote*[1] and footnote*[2])
- → Optional BACnet™, Modbus, LonWorks® interface modules

Technical Data

- → Voltage: 460V (+/- 10%), 60Hz
- → Fluid temp range: models 10-80: -22°F to 248°F (-30°C to 120°C)
- → Models 110-270: -4°F to 248°F (-20°C to 120°C)
- → Max operating pressure: 232/362 PSI
- → Class 300 ANSI Flanges for models 10-80 or 250 Lb ANSI split flanges for models 110-270
- → Control modes: ΔPV*[1], ΔPC*[2], constant speed,PID*[1]

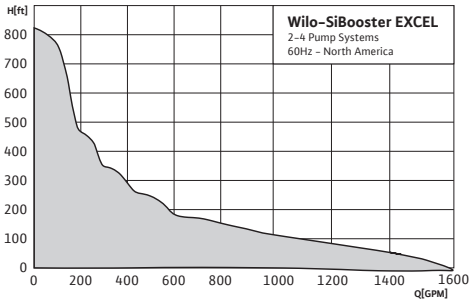
Materials of Construction

- → Stainless Steel construction certified to NSF/ANSI 61 & 372



Wilo-SiBooster EXCEL

High-Efficiency, ECM Driven Pressure-Boosting Systems



Application

- → Water Supply
- → Pressure Boosting
- → Agriculture
- → Washing/Sprinkling Systems
- → Cooling Circuits
- → Condensate Return

Max. Flow

1,578 GPM

Max. Head

807 feet

Features & Benefits

- → High efficient EC motor (IE5)
- → Real-time diagnostics and remote monitoring
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- → Onboard Modbus and BACnet™, LonWorks® interface modules (optional)
- → Adjustable low pressure cut-out
- → Balanced run time for all pumps

Technical Data

- → Fluid temp range: -22°F to 248°F (-30°C to 120°C)
- → Electrical connection: 3~460V
- → Rated pressure: 232 or 363 PSI depending on number of pump stages
- → System connection: 150 or 300 Class ANSI flanges depending on maximum system pressure
- → TEFC motors standard

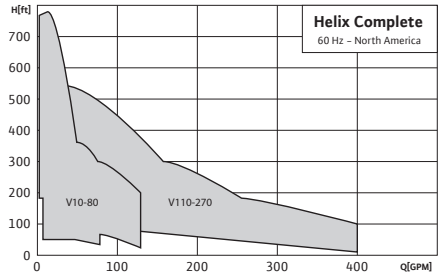
Materials of Construction

- → All 304 Stainless Steel construction
- → Entire packaged systems are listed under UL for NSF/ANSI 61
- → Entire packaged systems are listed under UL for QCZJ "packaged pumping systems".
- → EPDM/FKM Elastomers
- → Mechanical seal options: Tungsten Carbide/EPDM, or optional Viton®/FKM



Wilo-Helix Complete

1 Pump Pressure-Boosting Systems



Application

- → Water Supply
- → Pressure Boosting
- → Condensate Return
- → Boiler Feed
- → Washing/Sprinkling
- → Process Engineering
- → Cooling Circuits

Max. Flow

400 GPM

Max. Head

780 feet

Features & Benefits

- → NSF 61 and 372 rated for water quality
- → UL QCZJ rated as a complete pumping package
- → Optimizes energy consumption based on system requirements
- → End of curve detection
- → Dry run prevention
- → Low flow protection
- → Pipe fill mode
- → Warnings & alarm indication

Technical Data

- → Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a minimum of 32°F for domestic water
- → Electrical connections: 3~208/230/460/575V
- → Rated pressure: 232/363 PSI
- → Flange connection: Class 300 ANSI on models 10-80 or 250Lb ANSI split flanges on models 110-270

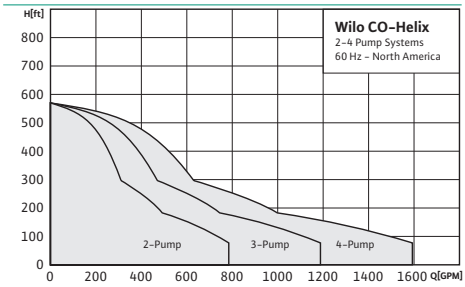
Materials of Construction

- → Stainless Steel AISI 304 pump volute, flanges, impeller, stage housing and diffusers
- → Stainless Steel AISI 304 or AISI 318LN shaft
- → Stainless Steel AISI 316L shaft sleeve



Wilo-CO-Helix

2-4 Pump Pressure-Boosting Systems



Application

- → Water Supply
- → Pressure Boosting
- → Agriculture
- → Washing/Sprinkling Systems
- → Cooling Circuits
- → Condensate Return

Max. Flow

1,600 GPM

Max. Head

580 feet

Features & Benefits

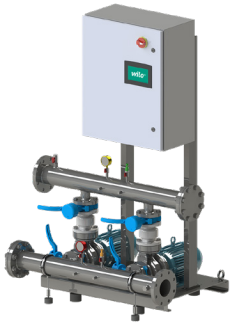
- → Real-time diagnostics and remote monitoring
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- → Onboard Modbus and optional BACnet™, LonWorks® interface modules
- → Variable speed control per pump
- → Adjustable low pressure cut-out
- → Balanced run time for all pumps

Technical Data

- → Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a minimum of 32°F for domestic water
- → Electrical connections: 3~208 230/460/575V
- → Rated pressure: 232/363 PSI
- → System flange connection: 150 Class ANSI or 300 Class ANSI
- → TEFC motors standard

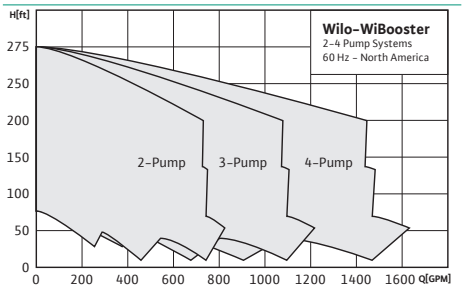
Materials of Construction

- → All 304 Stainless Steel construction
- → Entire packaged systems are listed under UL for NSF 61 and NSF 372
- → Entire packaged systems are listed under UL for QCZJ "packaged pumping systems"
- → EPDM/FKM elastomers
- → Mechanical seal options: Tungsten Carbide/EPDM, or optional Viton®/FKM



Wilo-WiBooster

2-4 Pressure-Boosting Systems



Application

- → Water Supply
- → Pressure Boosting
- → Agriculture
- → Washing/Sprinkling Systems
- → Cooling Circuits
- → Condensate Return

Max. Flow

1,600 GPM

Max. Head

275 feet

Features & Benefits

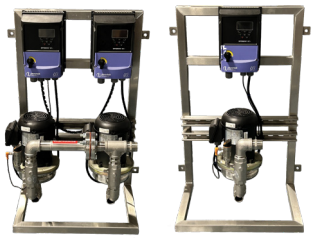
- → Includes Scot 320-328 series 304SS pumps
- → Real-time diagnostics and remote monitoring
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- → Onboard Modbus and optional BACnet™, LonWorks® interface modules
- → Adjustable low pressure cut-out
- → Balanced run time for all pumps

Technical Data

- → Fluid temp range: -4°F to 140°F (-20°C to 60°C) with a minimum of 32°F for domestic water
- → Premium efficient NEMA motors
- → VFD-Controlled system operation
- → 4-20 mA, ¼" Stainless Steel Pressure Transducers
- → Rated pressure: 150 PSI
- → Flange connection: 150 Class ANSI

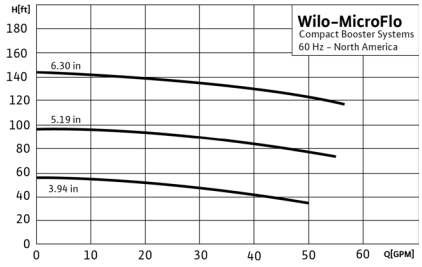
Materials of Construction

- → All wetted components are of 304 Stainless Steel construction
- → Entire packaged systems are listed under UL for NSF 61 and NSF 372
- → Entire packaged systems are listed under UL for QCZJ packaged pumping systems
- → EPDM/FKM elastomers
- → Type 21 Mechanical seal



Wilo-MicroFlo

Out of The Box, High-Efficiency Compact Booster



Application

- → Strip Malls/Restaurants
- → Multi-Family Housing
- → Small Office Buildings
- → Truck Stops/Car Washes

Max. Flow

57 GPM

Max. Head

140 feet

Features & Benefits

- → Certified to NSF/ANSI 61 & 372
- → Plug & Play Ready Solution requiring minimal engineering
- → Highly compact, 1 or 2 pump booster for low flow- low boost applications.
- → Variable Frequency Drives & Master Power Switch included standard
- → Multi-functional Digital Pressure Sensor with pipe break feature
- → Non-Slam (Silent) Operation resilient seated check valve
- → Compact Front-Side Access accommodates wall or floor anchoring
- → Simplex & Duplex Vertical Mounted Pumps for easy seal maintenance
- → Simple System Connections: 1.25" NPT
- → 1 Year Warranty

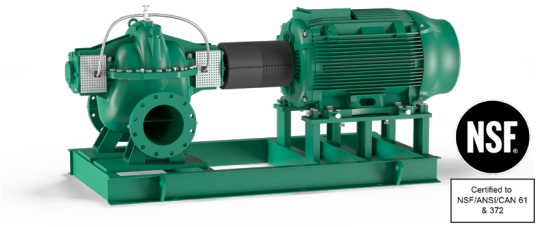
Technical Data

- → Voltages: 230/1, 208/3, 460/3, 575/3
- → IP66 Rated VFDs & TEFC Motors for indoor/outdoor locations

Materials of Construction

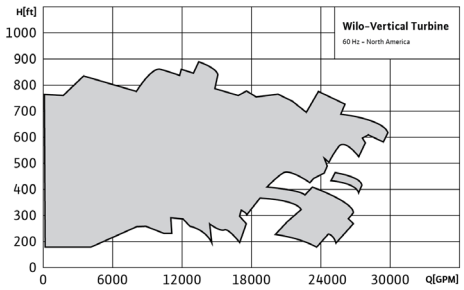
- → 304 Stainless Steel pumps & fittings





Wilo-Vertical Turbine NSF Certified

Open Lineshaft Pumps



Application

- → Potable Water
- → Water Well
- → Mining

Max. Flow

30,000 GPM

Max. Head

1,000 feet

Features & Benefits

- → Open lineshaft design
- → Packing and cartridge seal options
- → Threaded column pipe up to 12”
- → Flanged column pipe up to 24”
- → Drop in or fabricated bearing retainers
- → Threaded or keyed lineshafts up to 2-15/16”
- → Optional suction can / barrel
- → Epoxy coatings

Technical Data

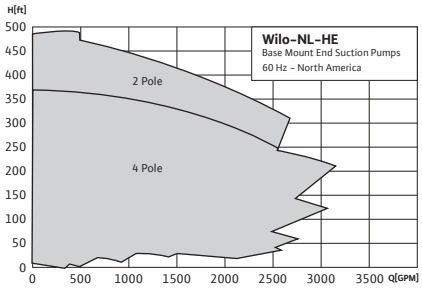
- → Certified to NSF/ANSI/CAN 61 & 372
- → Cold (73 °F / 23 °C) water contact temperature
- → Colleted impellers 6” – 15”
- → Keyed impellers 16” – 42”
- → Bowl sizes 6” – 42”

Materials of Construction

- → Lead-free construction
- → Enclosed 304 or 316 Stainless Steel impellers
- → Cast Iron bowls
- → Enamel lined bowls up to 15”
- → Fabricated Steel & Cast Iron discharge heads

Wilo-Atmos TERA-SCH-HE

Base Mounted Split Case Pump



Application

- → Heating and Cooling Systems
- → Air Conditioning
- → Municipal Water Supply
- → Pressure Boosting
- → Raw Water Intake
- → Irrigation/Agriculture
- → Industrial Process

Max. Flow

3,000 GPM

Max. Head

475 feet

Features & Benefits

- → Stainless Steel impeller
- → High-efficiency
- → Improved Hydraulic design
- → Energy savings
- → Cataphoretic coating of all cast iron components
- → High corrosion resistance
- → Long service life
- → Easy maintenance
- → C-channel construction welded base

Technical Data

- → Fluid temp range: -4 °F to 284 °F
- → ANSI Class 125
- → Maximum operating pressure of 232 PSI
- → Main connections: - 3~[208-230/460V, 575V] 60Hz
- → EN 1.4408 (equivalent: AISI 316) Stainless Steel impellers
- → DIN 1.4021 (Equivalent: 420) Stainless Steel pump shaft
- → Antimony Impregnated Carbon/Silicon Carbide/ EPDM(E1) Stainless Steel spring & body mechanical seal
- → NEMA Premium efficient motors

Materials of Construction

- → Stainless Steel Impeller and pump shaft
- → Carbon/silicon carbide/ EPDM (E1) mechanical seal



Drinking Water
NSF / ANSI 61



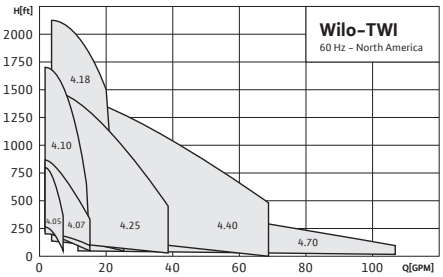
Drinking Water
NSF / ANSI 61



Certified to
NSF/ANSI 61 & 372

Wilo-TWI

4" Stainless Steel Well Pumps



Application

- → Potable Water Supply
- → Irrigation
- → Municipal
- → Pressure Boosting
- → Agriculture
- → Industrial Process

Max. Flow

110 GPM

Max. Head

2,200 feet

Features & Benefits

- → Motors and pump ends certified to NSF/ANSI 61 listed with CSA
- → Vertical and horizontal installation possible
- → Motors up to 250 HP
- → Control boxes and VFD's available
- → NEMA standard mounting specs
- → High-quality shaft bearings
- → Check valve standard on all models
- → Stainless Steel construction
- → Additional models available on request

Technical Data

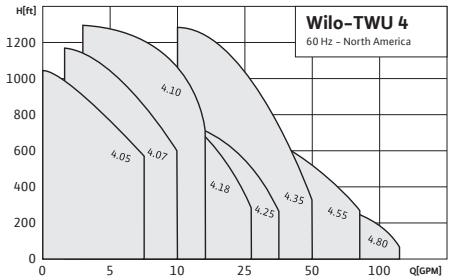
- → Electrical connections: 1~115/230v 3~230/460/575v
- → Temp range: 37°F to 122°F (3°C to 50°C)
- → Max. sand content: 50 ppm
- → Max. immersion depth: 1000'
- → Protection Class: IP 68

Materials of Construction

- → Stainless Steel construction
- → Carbon/Graphite/PTFE stop ring
- → Stainless Steel/NBR neck ring
- → NBR Bearing

Wilo-TWU

4" Stainless Steel Well Pumps with Noryl Impellers



Application

- → Potable Water Supply
- → Irrigation
- → Municipal
- → Pressure Boosting
- → Agriculture
- → Industrial Process

Max. Flow

110 GPM

Max. Head

2,400 feet

Features & Benefits

- → Motors certified to NSF/ANSI 61 listed with CSA
- → Noryl impellers for maximum wear and abrasive resistance
- → High-quality shaft bearings for long life and easy installation
- → Optional VFD's and control boxes available
- → NEMA standard mounting specifications
- → Vertical and horizontal installation possible
- → Check valve standard on all models
- → Additional models available on request

Technical Data

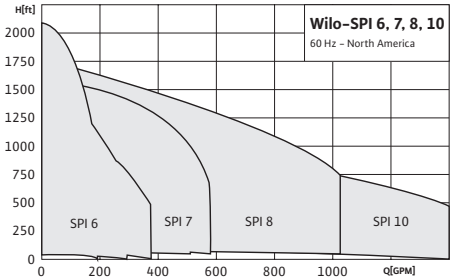
- → Electrical connections: 1~115/230v 3~230/460/575v
- → Temp range: 37°F to 95°F (3°C to 35°C)
- → Max. sand content: 50 ppm
- → Max. immersion depth: 1000'
- → Protection Class: IP 68

Materials of Construction

- → Stainless Steel construction
- → Noryl impellers & shaft sleeve
- → Glass-filled Polycarbonate Bearing spider & diffuser
- → NBR O-ring
- → Polyacetal Bearing

Wilo-SPI

6"- 10" Stainless Steel Well Pumps



Application

- → Potable Water Supply
- → Irrigation
- → Municipal
- → Pressure Boosting
- → Agriculture
- → Industrial Process

Max. Flow

1,400 GPM

Max. Head

2,200 feet

Features & Benefits

- → Certified to NSF/ANSI 61 & 372
- → Vertical and horizontal installation possible
- → Motors up to 250 HP
- → Control boxes and VFD's available
- → NEMA standard mounting specs
- → High-quality shaft bearings
- → Check valve standard on all models
- → Stainless Steel construction
- → Additional models available on request

Technical Data

- → Electrical connections: 1~115/230v 3~230/460/575v
- → Temp range: 37°F to 122°F (3°C to 50°C)
- → Max. sand content: 50 ppm
- → Max. immersion depth: 1000'
- → Protection Class: IP 68

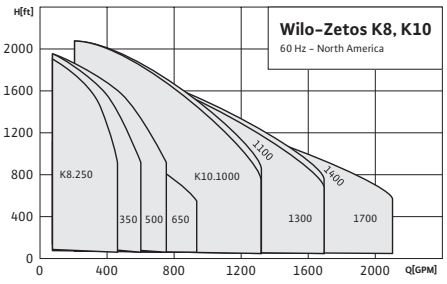
Materials of Construction

- → Carbon/Graphite/PTFE Stop ring
- → Stainless Steel/NBR neck ring
- → NBR Bearing



Wilo-Zetos K8, K10

8"–10" Heavy-Duty Cast Stainless Steel Submersible Pumps



Application

- → Drinking Water Supply
- → Clean Water Treatment
- → Water Supply
- → Pressure Boosting
- → Irrigation
- → Agriculture
- → Industrial Process
- → Offshore

Max. Flow

2,070 GPM

Max. Head

2,100 feet

Features & Benefits

- → NSF/ANSI 61 & 372 certified
- → M6-M8-M9-M12 motor options
- → ZK8 up to 84% hydraulic efficiency
- → ZK10 up to 88% hydraulic efficiency
- → Optional Ceram® coating (call for options)
- → Ceram® CT for higher efficiency and longer life on drinking water applications
- → Ceram® CP High-temp Teflon coating for industrial applications

Technical Data

- → Electrical connection: 3~200V-2300V
- → Liquid temp range: 32°F to 122°F (0°C to 50°C)
- → Max. sand content: 150 ppm
- → Max. immersion depth: 1000'
- → Protection class: IP 68

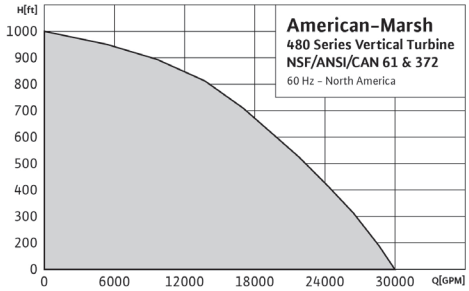
Materials of Construction

- → Stainless Steel housing parts and impellers (EN 1.4408)
- → K8: Threaded connection with non-return valve
  K10: Threaded connection or flange connection, each with non-return valve



American-Marsh 480 Series Vertical Turbine NSF

Open Lineshaft Pumps



Application

- → Potable Water
- → Water Well
- → Mining

Max. Flow

30,000 GPM

Max. Head

1,000 feet

Features & Benefits

- → Open lineshaft design
- → Packing and cartridge seal options
- → Threaded column pipe up to 12"
- → Flanged column pipe up to 24"
- → Drop in or fabricated bearing retainers
- → Threaded or keyed lineshafts up to 2-15/16"
- → Optional suction can / barrel
- → Epoxy coatings

Technical Data

- → Certified to NSF/ANSI/CAN 61 & 372
- → Cold (73 °F / 23 °C) water contact temperature
- → Colleted impellers 6" – 15"
- → Keyed impellers 16" – 42"
- → Bowl sizes 6" – 42"

Materials of Construction

- → Lead-free construction
- → Enclosed 304 or 316 Stainless Steel impellers
- → Cast Iron bowls
- → Enamel lined bowls up to 15"
- → Fabricated Steel & Cast Iron discharge heads



Wilo MaxAir™

Hydropneumatic Pressure Tanks

Application

- → Water Storage
- → Water Pressure Boosting
- → Water Transfer

Max. Working Pressure

150 PSI

Max. Working Temperature

195°F

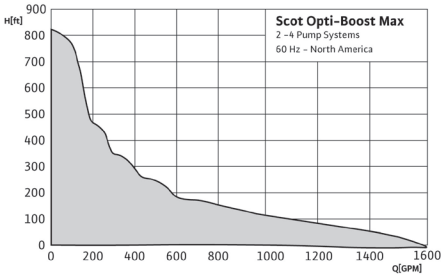
Features & Benefits

- → NSF/ANSI 61 compliant, IAPMO R&T UPC approved
- → Polypropylene liner to ensure long durability
- → Butyl diaphragm to assure long-life and safety
- → Corrosion-resistant durable baked epoxy coating
- → Leak-free, O-ring sealed air valve cap
- → 100% pressure tested
- → No maintenance needed
- → 304 Stainless Steel water connection



Scot Opti-Boost Max

1–4 Pump Pressure Boosting Systems



Application

- Water Supply
- Pressure Boosting
- Agriculture
- Washing/Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

1,578 GPM

Max. Head

807 feet

Features & Benefits

- High efficient EC motor (IE5)
- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard Modbus and BACnet™, LonWorks® interface modules (optional)
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

- Fluid temp range: -22°F to 248°F (-30°C to 120°C)
- Electrical connection: 3~460V
- Rated pressure: 232 or 363 PSI depending on number of pump stages
- System connection: 150 or 300 Class ANSI flanges depending on maximum system pressure
- TEFC motors standard

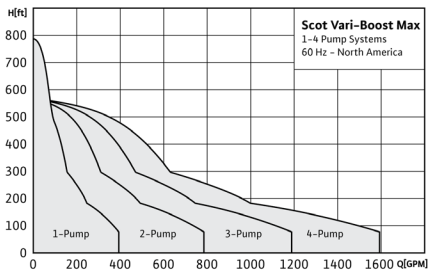
Materials of Construction

- All 304 Stainless Steel construction
- Entire packaged systems are listed under UL for NSF/ANSI 61
- Entire packaged systems are listed under UL for QCZJ “packaged pumping systems”.
- EPDM/FKM Elastomers
- Mechanical seal options: Tungsten Carbide/ EPDM, or optional Viton®/FKM



Scot Vari-Boost Max

1–4 Pump Pressure Boosting Systems



Application

- Water Supply
- Pressure Boosting
- Agriculture
- Washing/Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

1,600 GPM

Max. Head

580 feet

Features & Benefits

- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard Modbus and optional BACnet™, LonWorks® interface modules
- Variable speed control per pump
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

- Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a minimum of 32°F for domestic water
- Electrical connections: 3~208 230/460/575V
- Rated pressure: 232/363 PSI
- System flange connection: 150 Class ANSI or 300 Class ANSI
- TEFC motors standard

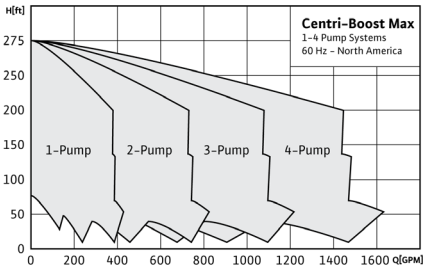
Materials of Construction

- All 304 Stainless Steel construction
- Entire packaged systems are listed under UL for NSF 61 and NSF 372
- Entire packaged systems are listed under UL for QCZJ “packaged pumping systems”
- EPDM/FKM elastomers
- Mechanical seal options: Tungsten Carbide/ EPDM, or optional Viton®/FKM



Scot Centri-Boost Max

1–4 Pump Pressure Boosting Systems



Application

- Water Supply
- Pressure Boosting
- Agriculture
- Washing/Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

1,600 GPM

Max. Head

275 feet

Features & Benefits

- Includes Scot 320-328 series 304SS pumps
- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard Modbus and optional BACnet™, LonWorks® interface modules
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

- Fluid temp range: -4°F to 140°F (-20°C to 60°C) with a minimum of 32°F for domestic water
- Premium efficient NEMA motors
- VFD-Controlled system operation
- 4–20 mA, ¼" Stainless Steel Pressure Transducers
- Rated pressure: 150 PSI
- Flange connection: 150 Class ANSI

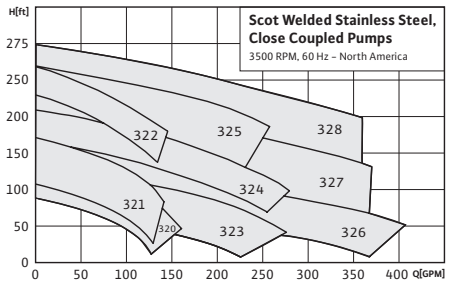
Materials of Construction

- All wetted components are of 304 Stainless Steel construction
- Entire packaged systems are listed under UL for NSF 61 and NSF 372
- Entire packaged systems are listed under UL for QCZJ packaged pumping systems
- EPDM/FKM elastomers
- Type 21 Mechanical seal



Scot Welded Stainless Steel, Close-Coupled Pumps, 3500 RPM

Models: 320-328



Application

- → Booster Systems
- → Chillers
- → Plastic Injection Molding
- → Process Cooling Water
- → Dishwashing Equipment
- → Induction Heating / Cooling Water
- → Potable Water

Max. Flow

400 GPM

Max. Head

275 feet

Features & Benefits

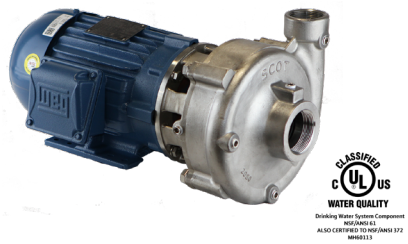
- → NSF/ANSI 61 & 372 certified
- → Up to 25 HP and 2" discharge
- → Cast Iron adapter supports seal and prevents flexing of pump
- → Close-coupled back pull-out design
- → Centerline discharge
- → Mechanical seal

Technical Data

- → NEMA 60HZ J56, JM, TC Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 4.50" – 8.00" Max impeller
- → Temp range: 0°F to 225°F
- → Max working pressure: 175 PSI

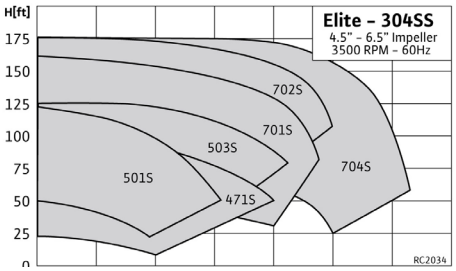
Materials of Construction

- → NPT and Flange connections
- → 304 Stainless Steel casing, impeller and seal Plate. Cast Iron adapter
- → Buna Carbon Ceramic seal standard
- → EPDM, Viton & Silicon Carbide available



Scot Elite Cast 304 Stainless Steel, Close- Coupled Pumps, 3500 RPM

Models: 471S, 500S Series, and 700S Series



Application

- → Booster Systems
- → Chillers
- → Injection Molding Cooling
- → Process Cooling Water
- → Dishwashing Equipment
- → Induction Heating / Cooling Water
- → Potable Water

Max. Flow

325 GPM

Max. Head

175 feet

Features & Benefits

- → NSF/ANSI 61 & 372 certified
- → Up to 3 HP and 2" discharge
- → Cast Iron adapter supports seal and prevents flexing of pump
- → Close-coupled back pull-out design
- → Mechanical seal

Technical Data

- → NEMA 60HZ J56 Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 4.50" – 6.50" Max impeller
- → Temp range: 0°F to 225°F
- → Max working pressure: 150 PSI

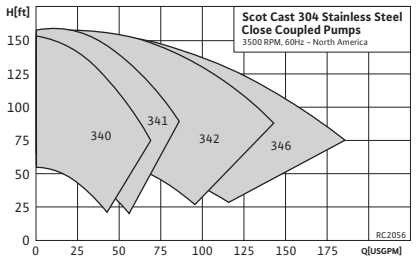
Materials of Construction

- → NPT connections
- → 304 Stainless Steel casing and adapter
  - → 400 Series: 304SS impeller
  - → 500, 700 Series: composite impeller
- → Buna Carbon Ceramic seal is standard
- → EPDM, Viton & Silicon Carbide available



Scot Elite Cast 304 Stainless Steel, Close- Coupled Pumps, 3500 RPM

Models: 340, 341, 342, and 346



Application

- → Chillers
- → Process Cooling Water
- → Dishwashing Equipment
- → Potable Water
- → Process Cooling Water

Max. Flow

185 GPM

Max. Head

155 feet

Features & Benefits

- → NSF/ANSI 61 & 372 certified
- → Up to 7.5 HP and 2" discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical seal

Technical Data

- → NEMA 60HZ J56, JM Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 6.30" Max impeller
- → Temp range: 0°F to 225°F
- → Max working pressure: 150 PSI

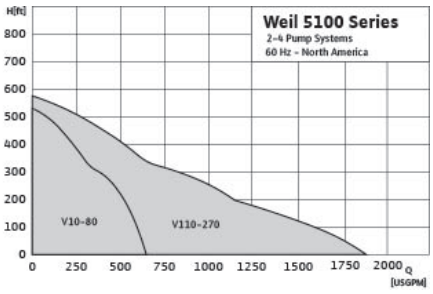
Materials of Construction

- → NPT connections
- → 304 Stainless Steel casing and adapter with composite impeller
- → Buna Carbon-SIlicon Carbide seal is standard on 340, 341, and 342; Buna Carbon-Ceramin is standard on 346
- → EPDM, Viton & Silicon Carbide available



Weil 5100 Booster System

Vertical Multistage & Horizontal End Suction



Application

- → Water Supply
- → Pressure Boosting
- → Agriculture
- → Washing/Sprinkling Systems
- → Cooling Circuits
- → Condensate Return

Max. Flow

1,600 GPM

Max. Head

580 feet

Features & Benefits

- → Real-time diagnostics and remote monitoring
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- → Onboard Modbus and optional BACnet™, LonWorks® interface modules
- → Variable speed control per pump
- → Adjustable low pressure cut-out
- → Balanced run time for all pumps

Technical Data

- → Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a minimum of 32°F for domestic water
- → Electrical connections: 3~208 230/460/575V
- → Rated pressure: 232/363 PSI
- → System flange connection: 150 Class ANSI or 300 Class ANSI
- → TEFC motors standard

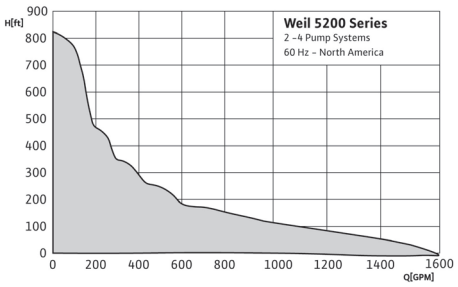
Materials of Construction

- → All 304 Stainless Steel construction
- → Entire packaged systems are listed under UL for NSF 61 and NSF 372
- → Entire packaged systems are listed under UL for QCZJ "packaged pumping systems"
- → EPDM/FKM elastomers
- → Mechanical seal options: Tungsten Carbide/ EPDM, or optional Viton®/FKM



Weil 5200 Booster System

Vertical Multistage & Horizontal End Suction



Application

- → Water Supply
- → Pressure Boosting
- → Agriculture
- → Washing/Sprinkling Systems
- → Cooling Circuits
- → Condensate Return

Max. Flow

1,578 GPM

Max. Head

807 feet

Features & Benefits

- → High efficient EC motor (IE5)
- → Real-time diagnostics and remote monitoring
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- → Onboard Modbus and BACnet™, LonWorks® interface modules (optional)
- → Adjustable low pressure cut-out
- → Balanced run time for all pumps

Technical Data

- → Fluid temp range: -22°F to 248°F (-30°C to 120°C)
- → Electrical connection: 3~460V
- → Rated pressure: 232 or 363 PSI depending on number of pump stages
- → System connection: 150 or 300 Class ANSI flanges depending on maximum system pressure
- → TEFC motors standard

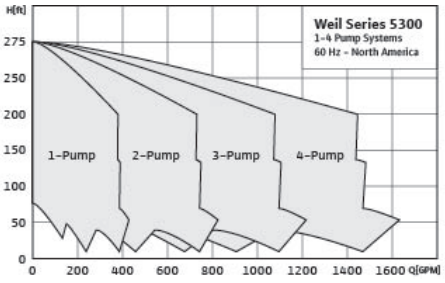
Materials of Construction

- → All 304 Stainless Steel construction
- → Entire packaged systems are listed under UL for NSF/ANSI 61
- → Entire packaged systems are listed under UL for QCZJ "packaged pumping systems".
- → EPDM/FKM Elastomers
- → Mechanical seal options: Tungsten Carbide/ EPDM, or optional Viton®/FKM



Weil 5300 Booster System

Vertical Multistage & Horizontal End Suction



Application

- → Water Supply
- → Pressure Boosting
- → Agriculture
- → Washing/Sprinkling Systems
- → Cooling Circuits
- → Condensate Return

Max. Flow

1,600 GPM

Max. Head

275 feet

Features & Benefits

- → Includes Scot 320-328 series 304SS pumps
- → Real-time diagnostics and remote monitoring
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- → Onboard Modbus and optional BACnet™, LonWorks® interface modules
- → Adjustable low pressure cut-out
- → Balanced run time for all pumps

Technical Data

- → Fluid temp range: -4°F to 140°F (-20°C to 60°C) with a minimum of 32°F for domestic water
- → Premium efficient NEMA motors
- → VFD-Controlled system operation
- → 4-20 mA, ¼" Stainless Steel Pressure Transducers
- → Rated pressure: 150 PSI
- → Flange connection: 150 Class ANSI

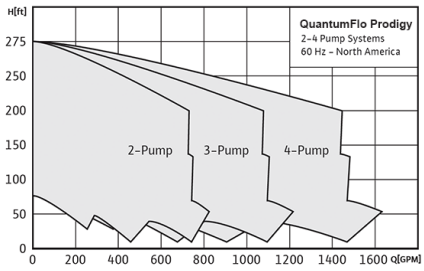
Materials of Construction

- → All wetted components are of 304 Stainless Steel construction
- → Entire packaged systems are listed under UL for NSF 61 and NSF 372
- → Entire packaged systems are listed under UL for QCZJ packaged pumping systems
- → EPDM/FKM elastomers
- → Type 21 Mechanical seal



QuantumFlo Prodigy

End Suction Pumps Mounted Vertically or Horizontally



Application

- → Water Pressure
- → Pressure Boosting
- → Agriculture
- → Washing/Sprinkling Systems
- → Cooling Circuits
- → Condensate Return

Max. Flow

1,600 GPM

Max. Head

275 feet

Features & Benefits

- → Includes Scot 320-342 series 304SS pumps
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen
- → Integrated iQFlo 3.0 B.O.S.S. (Booster Operating System Software) with troubleshooting wizards and user-friendly format
- → Modbus or optional BACnet™ available
- → 20-50% energy savings over standard systems
- → Every unit factory flow tested 0-100%
- → 5-year warranty on the entire unit

Technical Data

- → Fluid temp range: up to 140°F (60°C)
- → Electrical connections: 208/230/460-3-60
- → Rated pressure: up to 363 PSI depending on number of pump stages
- → System connection: grooved or flanged 150 or 300 Class ANSI
- → TEFC motors standard
- → Rated pressure: 150 PSI

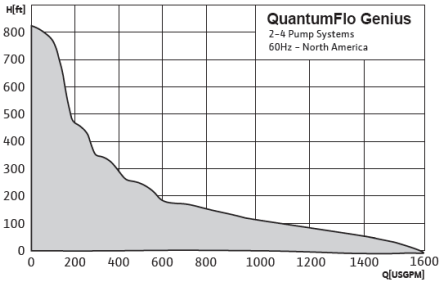
Materials of Construction

- → All 304 Stainless Steel construction
- → Entire packaged system: IAPMO NSF/ANSI 61 3rd party certified
- → Entire packaged system: UL 508A and QCZJ packaged pumping systems



QuantumFlo Genius

Vertical Multi-Stage Pumps



Application

- → Water Pressure
- → Pressure Boosting
- → Agriculture
- → Washing/Sprinkling Systems
- → Cooling Circuits
- → Condensate Return

Max. Flow

1,578 GPM

Max. Head

807 feet

Features & Benefits

- → Full system kWh energy reporting
- → Easy to use 7" touchscreen
- → Integrated iQFlo 3.0 B.O.S.S. (Booster Operating System Software) with troubleshooting wizards and user-friendly format
- → Modbus or optional BACnet™ available
- → 20-50% energy savings over standard systems
- → Every unit factory flow tested 0-100%
- → 5-year warranty on the entire unit

Technical Data

- → Fluid temp range: -22°F to 248°F (-30°C to 120°C)
- → Electrical connections: 208/230/460-3-60
- → Rated pressure: up to 363 PSI depending on number of pump stages
- → System connection: grooved or flanged 150 or 300 Class ANSI
- → TEFC motors standard

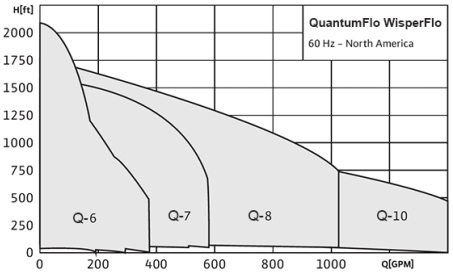
Materials of Construction

- → All 304 Stainless Steel construction
- → Entire packaged system: IAPMO NSF/ANSI 61 3rd party certified
- → Entire packaged system: UL 508A and QCZJ packaged pumping systems



QuantumFlo WisperFlo

6-10" Submersible Well Pumps



Application

- → Potable Water Supply
- → Irrigation
- → Municipal
- → Pressure Boosting
- → Agriculture
- → Industrial Process

Max. Flow

1,400 GPM

Max. Head

2,200 feet

Features & Benefits

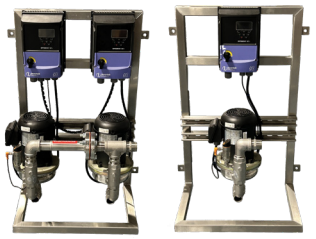
- → Certified to NSF/ANSI 61 & 372
- → Vertical and horizontal installation possible
- → NEMA standard mounting specs
- → High-quality shaft bearings
- → Check valve standard on all models
- → 304 Stainless Steel construction
- → Additional models available on request
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen
- → Integrated iQFlo 3.0 B.O.S.S. (Booster Operating System Software) with troubleshooting wizards and user-friendly format
- → Modbus or optional BACnet™ available
- → 20-50% energy savings over standard systems
- → Every unit factory flow tested 0-100%
- → 5-year warranty on the entire unit

Technical Data

- → Electrical connections: 1~115/230v 3~230/460/575v
- → Temp range: up to 95°F (35°C)

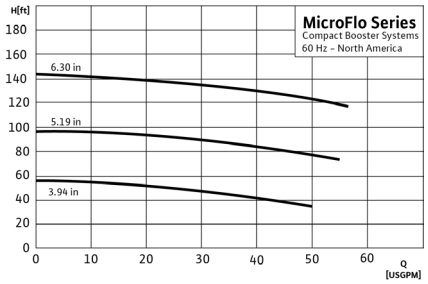
Materials of Construction

- → All 304 Stainless Steel construction
- → Entire packaged system: IAPMO NSF/ANSI 61 3rd party certified
- → Entire packaged system: UL 508A and QCZJ packaged pumping systems



QuantumFlo MicroFlo

Out of The Box, High-Efficiency Compact Booster



Application

- → Strip Malls/Restaurants
- → Multi-Family Housing
- → Small Office Buildings
- → Truck Stops/Car Washes

Max. Flow

57 GPM

Max. Head

140 feet

Features & Benefits

- → Certified to NSF/ANSI 61 & 372
- → Plug & Play Ready Solution requiring minimal engineering
- → Highly compact, 1 or 2 pump booster for low flow- low boost applications.
- → Variable Frequency Drives & Master Power Switch included standard
- → Multi-functional Digital Pressure Sensor with pipe break feature
- → Non-Slam (Silent) Operation resilient seated check valve
- → Compact Front-Side Access accommodates wall or floor anchoring
- → Simplex & Duplex Vertical Mounted Pumps for easy seal maintenance
- → Simple System Connections: 1.25" NPT
- → 1 Year Warranty

Technical Data

- → Voltages: 230/1, 208/3, 460/3, 575/3
- → IP66 Rated VFDs & TEFC Motors for indoor/ outdoor locations

Materials of Construction

- → 304 Stainless Steel pumps & fittings

wilo®

041726

WILO USA LLC
+1 262-204-6600
www.wilo-usa.com
info.us@wilo.com

WILO Canada Inc.
+1 403-276-9456
www.wilo-canada.com
info@wilo-canada.com

Scot Pump
+1 262-204-6400
www.scotpump.com
scot.sales@wilo.com

Weil Pump
+1 262-204-6700
www.weilpump.com
weil.sales@wilo.com

American-Marsh Pumps
+1 901-860-2300
www.american-marsh.com
amp.cs@wilo.com

QuantumFlo
+1 407-807-7050
www.quantumflo.com
qflo.info@wilo.com

Pioneering for You