AMERICAN–MARSH
PUMPS
A WILO BRAND

North America – 60 Hz.

American–Marsh Pumps Product Guide

Pumps for agricultural, industrial, municipal, fire protection, mining and commercial markets.

Durability By Design Since 1873

At American-Marsh, growth starts with our people and the culture we've built together. As part of the Wilo family, we've strengthened our alignment, sharpened our goals, and continued to invest in our team and our facility. Our three pillars drive everything we do: Customer first, Respect, and Continuous Improvement

MANUFACTURING FLOOR

CONTENTS

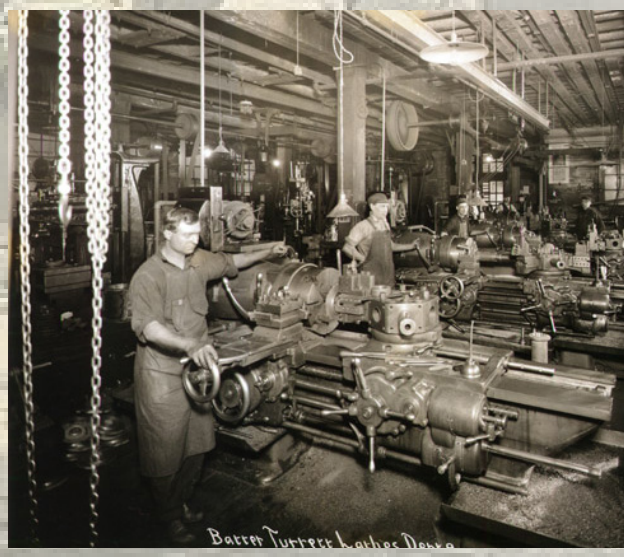
Over 150 YEARS

OF AMERICAN INNOVATION

About American-Marsh Pumps

Founded in 1873 in Battle Creek, Michigan, American-Marsh Pumps has built a legacy of delivering reliable, high-quality pumping solutions backed by over 150 years of American engineering and innovation.

Today, proudly headquartered in Tennessee as part of Wilo USA, American-Marsh serves municipal, industrial, commercial, and water infrastructure markets with dependable pump solutions designed to perform.



MACHINE SHOP – BATTLE CREEK ,CIRCA -

AMERICAN–MARSH
PUMPS
A WILO BRAND

As a company rooted in the Mid–South, we are proud to call the Memphis area home. We proudly support the Memphis Grizzlies and are committed to serving our local communities with the same dedication and reliability that have defined our company for generations.

For more than 150 years, American–Marsh Pumps has remained focused on quality, performance, and building lasting relationships with the customers and communities we serve.

1873
FOUNDED IN BATTLE CREEK, MICHIGAN

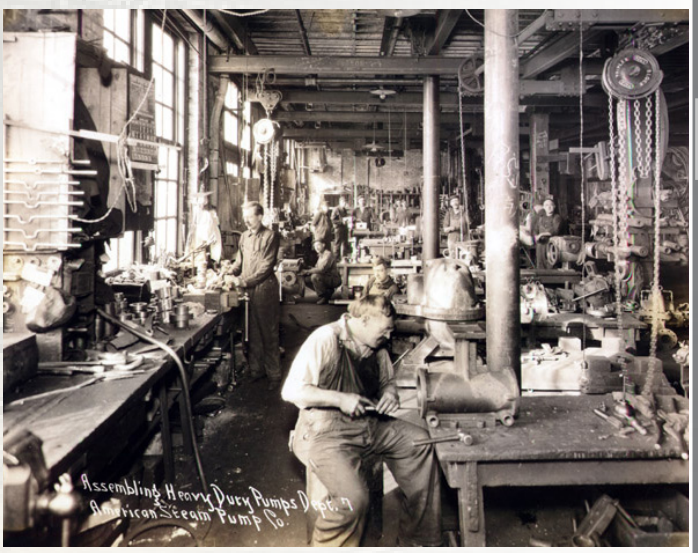
1930'S
EXPANSION OF MANUFACTURING CAPABILITIES

1960'S
SERVING GROWING INDUSTRIAL, AND MUNICIPAL MARKETS

TODAY
PART OF WILO USA, BUILDING ON 150 + YEARS OF TRUST

– 1847

EARLY MANUFACTURING FLOOR



PUMP ASSEMBLY

MARKETS
WE SERVE

Engineered pumping solutions for the industries that keep communities, infrastructure, and commerce moving.

Agricultural

Irrigation, groundwater, drainage, water transfer and crop production.

Industrial

Manufacturing, process water, cooling systems and heavy-duty pumping.

Municipal

Water distribution, wastewater, lift stations and public infrastructure.

Fire Protection

UL/FM fire pump systems designed for life safety and code compliance

Mining

Built tough for abrasive slurries, dewatering and extreme conditions.

Commercial

Efficient pumping solutions for HVAC, booster systems and building services.

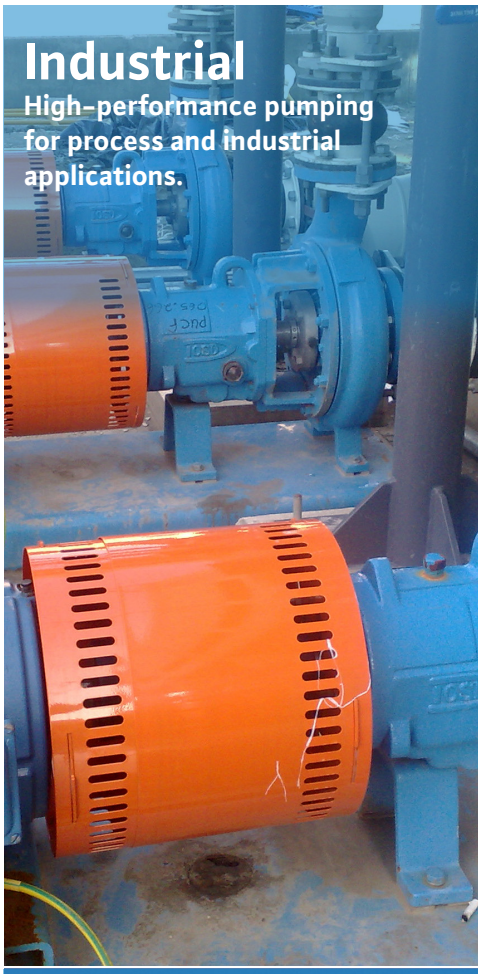
PROVEN PERFORMANCE ACROSS THE WORLD'S MOST DEMANDING PUMPING APPLICATIONS.

Agricultural

Reliable irrigation and water management solutions.

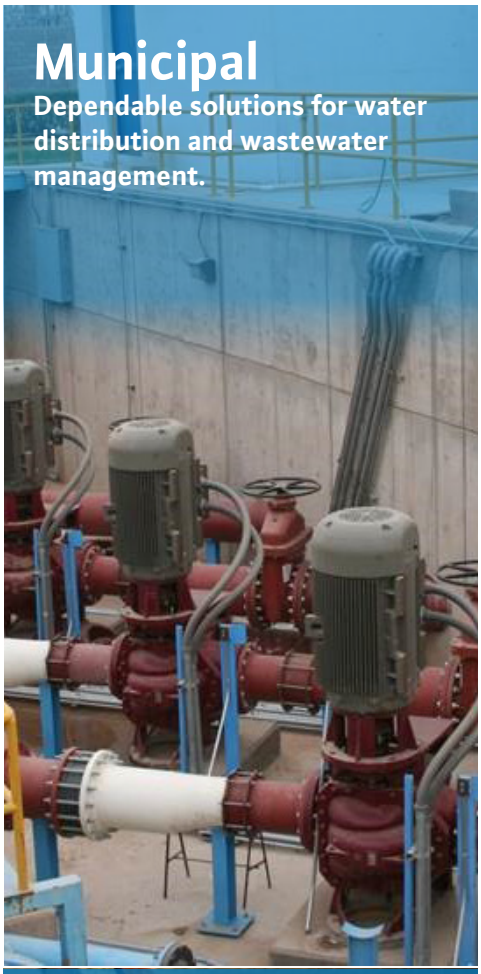
Industrial

High-performance pumping for process and industrial applications.



Municipal

Dependable solutions for water distribution and wastewater management.



Fire Protection

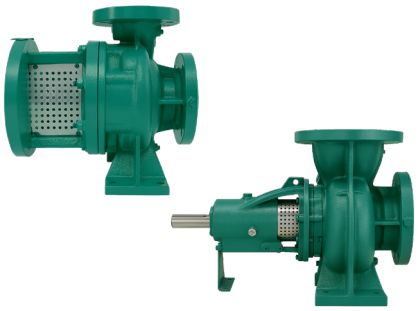
UL/FM compliant systems engineered for life safety and reliability.

Mining

Built tough for abrasive slurries, dewatering and extreme conditions.

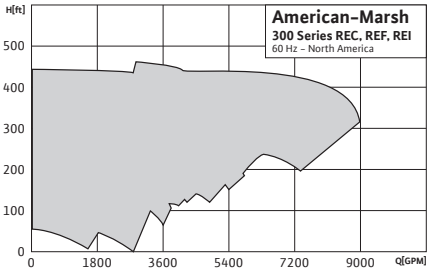
Commercial

Efficient pumping solutions for HVAC, booster systems and building services.



300 Series REC, REF

REC Close-Coupled & REF
Flex-Coupled End Suction Pumps



Application

- → Agriculture & Irrigation
- → Commercial
- → Industrial
- → Municipal
- → Circulation
- → Booster
- → HVAC
- → Mining

Max. Flow

9,000 GPM

Max. Head

450 feet

Features & Benefits

- → Back pull-out design
- → Replaceable case wear rings
- → Internal plan 1 seal flush
- → CL 250 cast flanges drilled to CL 125
- → Centerline discharge
- → Integral feet on casing
- → Suction & discharge flanges drilled & tapped for gauges
- → Standard T-frame motors on flex-coupled models
- → REC close-coupled utilize standard C-face T-frame motors
- → REF base mounted, flex-coupled

Technical Data

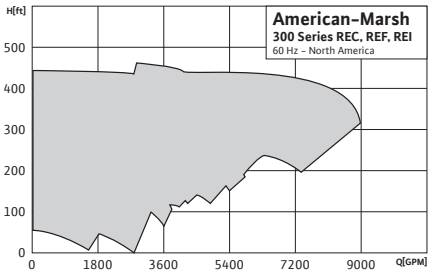
- → Temperatures up to 180°F
- → Discharge sizes: 1.25" – 12"

Materials of Construction

- → Cast Iron
- → Stainless Steel fitted
- → 810 Component seal

310 Series REI

Vertical Inline Pumps



Application

- → Commercial
- → Industrial
- → Municipal
- → Circulation
- → Booster
- → HVAC
- → Mining

Max. Flow

9,000 GPM

Max. Head

450 feet

Features & Benefits

- → Back pull-out design
- → Replaceable case wear rings
- → Internal plan 1 seal flush
- → CL 250 cast flanges drilled to CL 125
- → Centerline discharge
- → Integral feet on casing
- → Suction & discharge flanges drilled & tapped for gauges
- → REI close-coupled utilize standard C-face T-frame motors

Technical Data

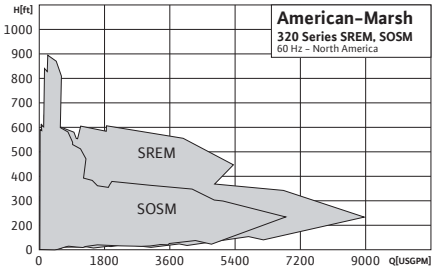
- → Temperatures up to 180°F
- → Discharge sizes: 2" – 12"

Materials of Construction

- → Cast Iron
- → Stainless Steel fitted
- → 810 Component seal

320 Series SREM, SOSM

Vertical Process Sump Pumps



Application

- → Drainage
- → Process fluid
- → Sump or storm water

Max. Flow

9,000 GPM

Max. Head

900 feet

Features & Benefits

- → Enclosed or semi-open impellers
- → Custom lengths available up to 20 feet

Technical Data

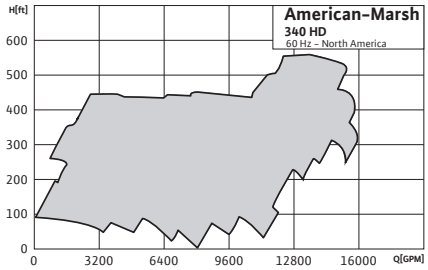
- → Temperature up to 180°F
- → Discharge sizes: 1.25"–12"

Materials of Construction

- → Cast iron
- → Bronze fitted
- → Packed or mechanical seal
- → Optional metallurgies available

340 Series HD

Double Suction Split Case Pumps



Application

- → Circulation
- → Booster
- → HVAC
- → Transfer
- → Cooling Tower
- → Agriculture & Irrigation
- → Mining

Max. Flow

16,000 GPM

Max. Head

550 feet

Features & Benefits

- → Double suction impellers
- → Heavy-duty construction
- → Replaceable bearings without full disassembly
- → Case wear rings
- → Internal plan 1 flush

Technical Data

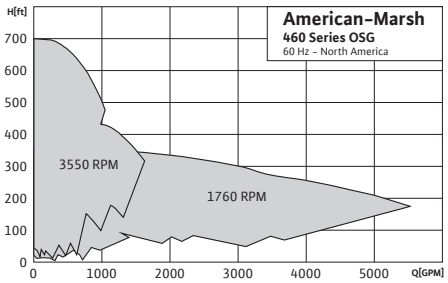
- → Temperature up to 180°F
- → Base mounted, flex-coupled
- → Discharge sizes: 2.5"-14"

Materials of Construction

- → Cast Iron
- → Bronze fitted
- → Packed or mechanical seal
- → Optional metallurgies available

460 Series OSG

ANSI B73.1 Process End Suction Pumps



Application

- → Process
- → Petrochemical
- → Pulp & Paper
- → Steel Mills
- → Municipal
- → Mining

Max. Flow

5,500 GPM

Max. Head

700 feet

Features & Benefits

- → Back pull-out design
- → Open, adjustable impellers
- → Heavy walled casing
- → Heavy duty shaft and bearings
- → Oil lubricated bearings
- → Labyrinth oil seals
- → Base mounted, flex-coupled
- → Multiple stuffing box configurations
- → Multiple sealing options
- → Multiple materials of construction options

Technical Data

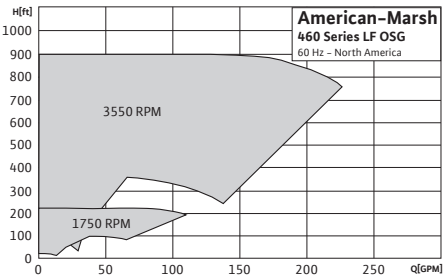
- → Max. Temperature (standard): 300°F
- → Max. Temperature (modified): 350°F
- → Discharge Sizes: 1"-8"
- → Suction & Discharge Flange Rating: 150# flat face

Materials of Construction

- → 316 SS / 316 SS fitted
- → Sleeved 4140 steel shaft with 316 SS sleeve
- → Standard bore stuffing box
- → Elastomer bellows mechanical seal with silicon carbide faces

460 Series LF OSG

ANSI B73.1 Process End Suction Pumps



Application

- → Process
- → Petrochemical
- → Pulp & Paper
- → Steel Mills
- → Municipal
- → Mining

Max. Flow

220 GPM

Max. Head

925 feet

Features & Benefits

- → Designed for low flow services
- → Back pull-out design
- → Open radial vane adjustable impellers
- → Concentric circular casing
- → Heavy walled casing
- → Heavy duty shaft and bearings
- → Oil lubricated bearings
- → Labyrinth oil seals
- → Base mounted, flex-coupled
- → Multiple stuffing box configurations
- → Multiple sealing options
- → Multiple materials of construction options

Technical Data

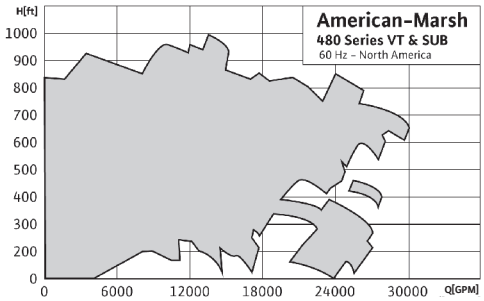
- → Max. Temperature (standard): 300°F
- → Max. Temperature (modified): 350°F
- → Discharge Sizes: 1"-1.5"
- → Suction & Discharge Flange Rating: 150# raised face (300# raised face for the 1.5x3-13

Materials of Construction

- → 316 SS / 316 SS fitted
- → Sleeved 4140 steel shaft with 316 SS sleeve
- → Standard bore stuffing box
- → Elastomer bellows mechanical seal with silicon carbide faces

480 Series Vertical Turbine

Open & Enclosed Lineshaft,
Submersible, Axial & Mixed Flow Pumps



Application

- → Steel Mill
- → Power Plant
- → Commercial
- → Municipal
- → Mining
- → Irrigation
- → Water Well

Max. Flow

30,000 GPM

Max. Head

1,000 feet

Features & Benefits

- → Modular design enameled bowls through 16" for VT
- → Cast Iron, 316 Stainless Steel fitted for VT
- → Cast Iron, Bronze fitted for axial & mixed flow pumps
- → Cast Iron or fabricated Steel discharge heads
- → Semi–open, enclosed, axial & mixed flow impellers

Technical Data

- → Temperature up to 180°F
- → Bowl diameters: 5"–42"

Materials of Construction

- → Cast Iron
- → Bronze or Stainless Steel fitted
- → Optional metallurgies available

480 Series Vertical Turbine NSF

Open Lineshaft Pumps

NSF®

Certified to
NSF/ANSI/CAN 61
& 372

Application

- → Potable Water
- → Water Well

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

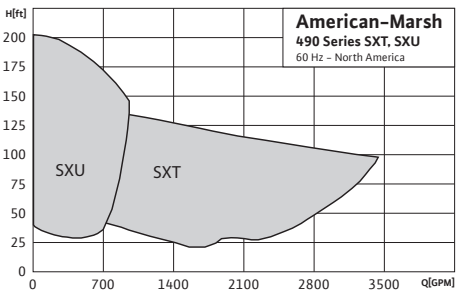
- → Certified to NSF/ANSI/CAN 61 & 372
- → Cold (73°F / 23 °C) water contact temperature
- → Colleted impellers 6" – 15"
- → Keyed impellers 16" – 42"
- → Bowl sizes 6" – 42"

Materials of Construction

- → Lead–free construction
- → Enclosed 304 or 316 Stainless Steel impellers
- → Cast Iron bowls
- → Enamel lined bowls up to 16"
- → Fabricated Steel & Cast Iron discharge heads

490 Series SXT & SXU

Self–Priming Pumps



Application

- → Lift Station
- → Sewage
- → Storm Water
- → Sewer Bypass

Max. Flow

3,250 GPM

Max. Head

200 feet

Features & Benefits

- → Self–priming
- → Solids handling semi–open impeller
- → Replaceable wear plate
- → Wear plate clearance adjustment without
- → disturbing rotating assembly
- → No special tools required to adjust clearance
- → Back pull–out rotating assembly
- → Belt driven & flex coupled
- → Separate seal and bearing reservoirs with 2 sight glasses

Technical Data

- → Temperature up to 160°F
- → Discharge sizes: 3"–10"

Materials of Construction

- → Cast Iron casing
- → Ductile Iron wear plates
- → Nitrile rubber gaskets
- → Ductile iron impeller
- → SilCar/SilCar/Viton/316 SS Seal

500 Series FP-VT Fire

Vertical Turbine Fire Pumps

FM APPROVED

UL LISTED

Application

→ Fire Protection

Max. Flow

4,500 GPM

Max. Head

868 feet

Features & Benefits

→ UL listed & FM Approved Pumps
→ Compliance to NFPA 20 Design Regulations
→ Multiple Ranges of Flow and Pressures
→ Cast Iron/bronze fitted
→ Packed
→ Modular Bowl Assemblies
→ Packaged with Driver & Controller

Technical Data

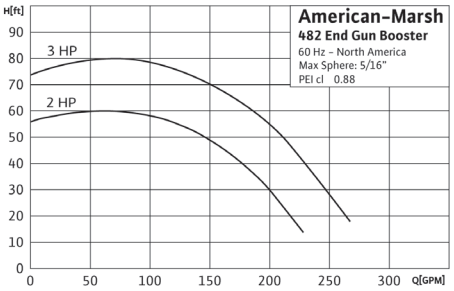
→ Temperature up to 120°F
→ 1500 to 1800 RPM
→ Size: 10" to 19" (350–483mm)
→ Pressure: Up to 376 PSI

Materials of Construction

→ Cast Iron
→ Bronze fitted
→ Bronze impellers

482 EGB

End Gun Booster Pumps



Application

→ Center Pivot Irrigation
→ End Gun Booster

Max. Flow

260 GPM

Max. Head

80 feet

Features & Benefits

→ Interchangeable with commonly used models
→ Efficiency design:
Higher flow rates with less HP required
→ Space-saving design:
Vertical mount minimizes overall footprint

Technical Data

→ NEMA 60Hz J56 Frame
→ Available in 2HP or 3HP
→ Standard, auto reset or manual reset
→ Double Sealed Bearings

Materials of Construction

→ Cast Iron construction
→ 2.5"x2" NPT Suction/Discharge Connections
→ Mechanical seals:
Standard: Buna-Carbon head/Ceramic seat
Optional:
- Viton-Carbon head/Silicon Carbide seat
- Viton-Silicon Carbide head/Silicon

Right Angle Gear Drives

For 480 Series Vertical Turbine Pumps

Application

- → Agricultural & Irrigation
- → Industrial
- → Municipal
- → Fire

Features & Benefits

- → Cooling coils available
- → Non-reverse clutches
- → Rigid castings designed to insure correct alignment
- → Gears are case hardened alloy steel, lapped in pairs
- → Positive pressure oil distribution systems
- → Bearings exceed AGMA recommendations

Technical Data

- → Gear drives rated from 30 HP to over 1,000 HP

Materials of Construction

- → Industry Standard

Motors

Vertical, Horizontal & Submersible

Application

- → Agriculture & Irrigation
- → Commercial/HVAC
- → Industrial
- → Municipal
- → Fire

Features & Benefits

- → Horizontal, Vertical & Submersible
- → WPI, TEFC, ODP
- → Canned style submersibles

Technical Data

- → Multiple HP ranges
- → 1/2 HP to over 1,000 HP
- → 50 Hz & 60 Hz
- → Speeds: 514–3,600 RPM

Materials of Construction

- → Industry Standard

ATL, PWS, VFD

Control Panels

Application

- → Agriculture & Irrigation
- → Commercial/HVAC
- → Industrial
- → Municipal

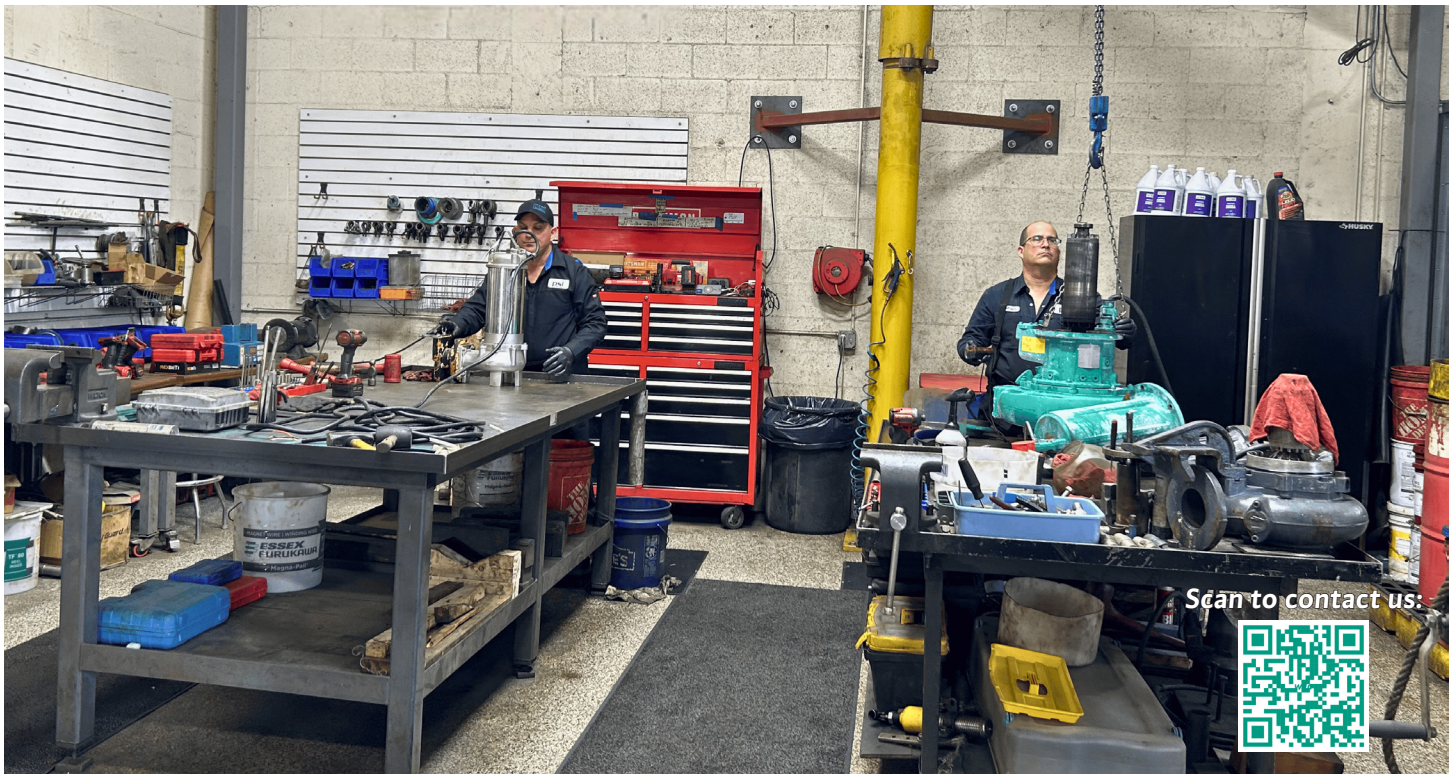
Features & Benefits

- → NEMA Type 1
- → NEMA Type 3
- → NEMA Type 3R

Materials of Construction

- → Cast Iron
- → Bronze or Stainless Steel fitted
- → Optional metallurgies available

The Wilo-Aftermarket Service
Service Beyond Expectation



Wilo USA Aftermarket Pump Repair and Field Service Capabilities

The Aftermarket Team is designed to support users in all aspects of new, and existing pumping equipment sales. Wilo USA's Aftermarket Team consists of sales professionals who are dedicated to helping customers source OEM parts, providing factory service & warranty support, and assisting with in-field equipment commissioning, troubleshooting, and repairs. Reach out to our skilled team of experts and experience the best service our industry has to offer. By choosing the Wilo USA Aftermarket Team for pump service & repairs, you can rest assured that your equipment will perform to OEM standards, thereby providing your clients with the cost-savings and satisfaction guarantee they've come to expect and deserve.

Field capabilities (Wilo, American-Marsh Pumps, Scot Pump, and Weil Pump)

- → Start-up services for new installations
- → End-user training on our equipment
- → Provide regular and predictive maintenance to the installed equipment
- → Service agreements
- → Troubleshoot existing installations if necessary

Tool and Equipment Resources

- → **Wilo Care** – Field installed monitoring equipment for remote analysis of equipment.
- → **Connect Tool** – Standalone tool that tracks potential disturbances on-site (pressure, vibration, temperature, etc.). We connect to the end-user product and monitor via the cloud.
- → **Field Equipment** – Flowmeters, vibration monitors, laser alignment equipment, 3D scanning and modeling, etc.

Inhouse Pump Service Support

- → Pump repairs, rehabs, and modifications to any existing pumping equipment
- → Wilo's technical abilities involve disassembly, inspection, repair, and rebuild to extend the equipment's life

Authorized Service Centers (ASCs) are designed to be an extension of Wilo and offer repair services for the installed equipment. We are in the process of evaluating and adding additional ASCs to support the American-Marsh product lines.

Contact Us: 262-204-6600

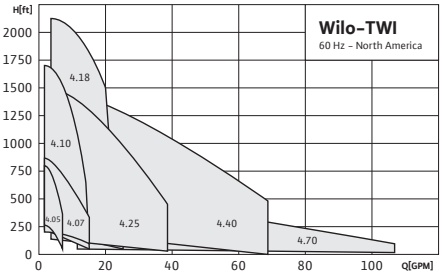
Drinking Water
NSF / ANSI 61

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

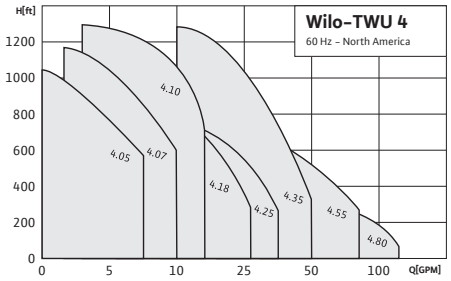
- → Electrical connections: 1~115/230v 3~230/460/575v
- → Temp range: 37°F to 122°F (3°C to 50°C)
- → Max. sand content: 50 ppm
- → Max. immersion depth: 1000'
- → Protection Class: IP 68

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

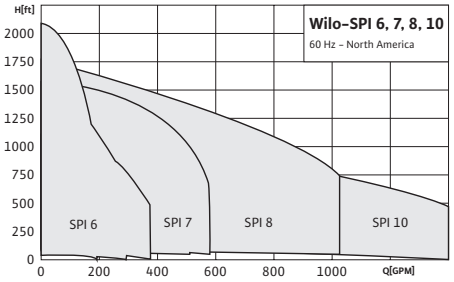
- → Electrical connections: 1~115/230v 3~230/460/575v
- → Temp range: 37°F to 95°F (3°C to 35°C)
- → Max. sand content: 50 ppm
- → Max. immersion depth: 1000'
- → Protection Class: IP 68

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

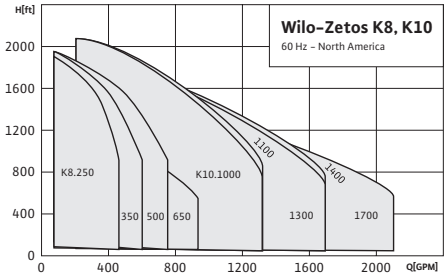
Materials of Construction

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

BEST IN CLASS EFFICIENCIES!

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

Wilo Submersible Motors

4"–12" Motors

4" Standard Submersible Motors

- → Certified to NSF/ANSI 61
- → Stainless Steel for maximum corrosion resistance
- → Equipped with surge arrestors on 115/230v models
- → Automatic thermal overload protection
- → Efficient 2-wire motors
- → Electrical connections: 1~115/230v and 3~230/460/575v
- → Max. temp: 86°F (30°C)
- → 48" cable length for ½–1½ HP models
- → 100" cable length for 2+ HP models

4" & 6" Standard Encapsulated Motors

- → H.D. Sand Sealing System (3S)
- → Dual flange for easy connection
- → 5–60 HP
- → Available in 3~ 230/460/575v
- → NEMA standard flange
- → Durable stainless steel motor housing
- → Available 2 or 3 wire connections
- → Max temp: 95°F (35°C)
- → IP68 insulation

6"–10" Standard Submersible Motors

- → Electrical connections: 3~230/460/575/1000v
- → NEMA standard flange
- → Standard temp: 95°F (35°C)
- → High temp: 176°F (80°C)
- → NEMA splined shaft
- → pH 6.5–8.0
- → Durable Stainless Steel motor housing
- → 304 & 316 available

6"–12" NU Rewindable Submersible Motors

- → Rewindable motor stator
- → Voltages up to 6000v
- → High-temp models available
- → Custom power cable lengths
- → Cast Iron, 304 Stainless Steel, 316 Stainless Steel, Bronze, and duplex Stainless Steel configurations available
- → Optional PT100 thermistor
- → High-quality thrust bearings
- → Water-filled design

Wilo Submersible Accessories

Control Boxes, Variable Frequency Drives, Pump Panels

Control Boxes

- → Standard
- → Deluxe
- → Deluxe CSCR
- → Deluxe (6")

Wilo Pump Panel

- → NEMA type 3R steel enclosure with powder coating finish
- → Full gasket hinged door with provision for padlocks
- → UL listed and suitable for use as service equipment
- → Heavy-duty flange fusible disconnect switch
- → NEMA Full voltage magnetic motor starter
- → Range from 2HP to 100HP

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

PROUD TO SUPPORT
OUR COMMUNITIES

American–Marsh Pumps, A Wilo Brand, is proud to invest in the communities where we live, work, and serve. Supporting organizations that bring people together is an important part of our commitment to making a positive impact beyond the industries we support.

We are especially excited to partner with and sponsor the Memphis Grizzlies, an organization that embodies teamwork, dedication, and community spirit. Just as the Grizzlies inspire fans throughout the region, American–Marsh Pumps is dedicated to delivering reliable solutions and building strong relationships that help our communities thrive.

Together, we celebrate excellence, local pride, and the power of working as one team.

GO GRIZZLIES!

0726

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

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

Durability By Design Since 1873