Pioneering for You





2019 - North America - 60 Hz.

Product Guide

Pumps and systems for HVAC, water supply, drainage and sewage.



COMING FALL 2019 STRATOS MAXO

WILO –STRATOS MAXO, THE WORLD'S FIRST SMART PUMP

The Wilo-Stratos MAXO delivers the easiest solution for increasingly complex market demands. The pumps sets new standards for systems efficiency, convenience and flexibility: the perfect fit for every application, it also ensures optimal efficiency in building complexes thanks to its innovative energy saving functions. Installation and operation are also incredibly easy with the Wilo-Stratos MAXO. Experience the future of pump technology which we are harnessing to make your life easier today.



Wilo USA Pumps and systems for building services, water management, and groundwater applications	8
Scot Pump Close-coupled cast iron, stainless steel, bronze and marine-specific pumps for OEM applications.	26
Weil Pump Heavy–Duty pumps and systems for sump and sewage applications, accessories and controls.	32

105.00

DISCOVER WILO SOLUTIONS.

We offer a wide variety of intelligent pumps and systems to make our users' everyday lives simply more pleasant. Our energy-efficient solutions are suitable for residential, public and commercial properties. Wilo products are used in heating, air-conditioning, cooling and water supply applications as well as for drainage and sewage.

HEATING, AIR-CONDITIONING, COOLING

Wilo delivers individual solutions and highly efficient technology for applications in heating, air-conditioning, cooling and domestic hot water.

WATER SUPPLY

Innovative products and systems from Wilo support applications in rainwater utilisation, water supply and pressure boosting, fire fighting and raw water intake.

DRAINAGE AND SEWAGE

Wilo pumps and lifting units ensure safe and reliable operation in drainage and sewage disposal.



wilo®

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Wilo USA LLC is a subsidiary of Wilo SE, headquartered in Dortmund, Germany. Wilo is one of the leading manufacturers of pumps and pump systems for heating, cooling and airconditioning technology for water supply, sewage and drainage. The company is represented worldwide in over 90 countries by more than 60 subsidiaries, including 21 production sites, and employs more than 7,700 people globally. In 2017 Wilo acquired Scot Pump, Weil Pump and component manufacturer Karak Machine Corporation.



Get Boosted

Ask us about our newly-designed range of single to four-pump booster systems. With NSF/ANSI 61 certified pumps, touch screen interface, and high-efficiency pump options to handle all your boosting applications. Contact your Regional Sales Manager today for more information! That's what we call **Pioneering for You**

888-945-6872 | www.wilo-usa.com





Co-Helix

SiBooster



Excel Complete



WeBooster



Pioneering for You

Building Services

Pumps and systems for heating, air conditioning, cooling, pressure boosting, water supply and sewage disposal in domestic households, rented accommodation, administrative and commercial buildings.





Wilo-Stratos ECO RFC

High Efficiency Wet Rotor Circulators



Application

- → Hot Water Heating Systems
- → HVAC Applications
- → Residential Heating
- \rightarrow Water/Glycol up to 50%
- → Solar / Geothermal

Max. Flow

14 GPM

Max. Head

16 feet

Features & Benefits

- \rightarrow Patented 360° Flange rotates to 12/6 or 3/9 o'clock positions (US 8,297,664 B2)
- → Installable hi-temp check valve included
- \rightarrow EC motor technology reduces energy
- consumption by up to 80%
- → Automatically adjusts to system demands
- \rightarrow No more over-pumped, noisy zones
- → Easy wiring quick connectors

Technical Data

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Building Services

- → Temp Range: 60°F to 230°F (15°C to 115 °C) → Amb Temp Range: 14°F to 104°F (-10°C to 40 °C)
- → Electrical Connection: 1~115v
- → Max Working Pressure: 145 PSI

Materials of Construction

- → Cast Iron Volute
- → Cast Iron Rotating Flange
- → Engineered Composite Impeller
- → Stainless Steel Shaft
- → Carbon Impregnated Bearing



Wilo-Stratos

High Efficiency Circulators



Application

- → Hot Water Heating Systems
- → Closed Cooling Circuits
- \rightarrow Air Conditioning systems
- \rightarrow Water/Glycol concentrations up to 50%
- → Solar
- → Geothermal

Max. Flow

285 GPM

Max. Head

43 feet

Features & Benefits

- → EC motor technology reduces energy consumption by up to 80%
- \rightarrow 'Red Button' technology and LED display \rightarrow 3 times higher starting torque than a
- standard circulator
- → On-board diagnostics and data logger
- → Multiple control modules available for integration with building management systems

Technical Data

- $\rightarrow \Delta P-V, \Delta P-C, \Delta P-T$ speed control or external signals with IF module.
- → Temp Range: 14° F to 230° F (- 10° C to 110° C)
- → Electrical Connection: 1~230v (±10%)

Materials of Construction

- → Cast Iron, Cataphoretically Coated Volute
- → Engineered Composite Impeller
- → Stainless Steel Shaft
- → Carbon Impregnated Bearing



Wilo-Stratos Z

High Efficiency DHW Circulators



Application

- → Domestic Hot Water
- → Closed Cooling Circuits
- → HVAC Systems
- → Industrial Circulation
- → Solar → Geothermal

Max. Flow

180 GPM

Max. Head

43 feet

Features & Benefits

- → Certified to NSF / ANSI 61
- → ECM motor technology reduces energy consumption by up to 80%
- → 'Red Button' technology and LED display
- → Interface modules available for external control
- → Remote access to on-board data logger with optional USB IR device
- → Built-in overload fault contacts

Technical Data

- $\rightarrow \Delta P-V$ or $\Delta P-C$ constant speed control modes standard. $\Delta P-T$ available with IR device
- \rightarrow Temp Range: 14°F to 230°F (-10°C to 110°C)
- → Electrical Connection: 1~230v (±10%)

Materials of Construction

- → Stainless Steel Volute
- → Engineered Composite Impeller
- → Stainless Steel Shaft
- → Carbon Impregnated Bearing





Wilo-Stratos D

High Efficiency Circulators



Application

- → Hot Water Heating Systems
- → Closed Cooling Circuits
- → Air Conditioning Systems
- \rightarrow Solar
- \rightarrow Geothermal

Max. Flow

480 GPM

Max, Head

43 feet

Features & Benefits

- \rightarrow ECM motor technology reduces energy consumption by up to 80%
- \rightarrow 3x higher starting torque
- → Lead/Lag operation with auto 24-hr alternation
- → 'Red Button' technology and LED display
- → On-board diagnostics and data logger
- → 6 different control modules available
- → Dual-volute design cuts installation costs by up to 50%
- \rightarrow Optimized peak load operation

Technical Data

- $\rightarrow \Delta P-V, \Delta P-C, \Delta P-T$ speed control or external signals with IF module.
- \rightarrow Temp Range: 14°F to 230°F (-10°C to 110°C)
- → Electrical Connection: 1~230v (±10%)

Materials of Construction

- → Cast Iron, Cataphoretically Coated Volute
- → Composite Impeller
- → Stainless Steel Shaft
- → Carbon, Metal Impregnated Bearing



Wilo-Stratos GIGA

High Efficiency In-line Pumps



Application

- → Hot Water Heating Systems
- → Industrial Circulation
- → Closed Cooling Circuits
- → Air Conditioning Systems
- → Solar / Geothermal

Max. Flow

550 GPM

Max. Head

167 feet

Features & Benefits

- → Highest efficiency motor-drive combination on the market up to 7.5HP
- → Compact, Space-saving design
- → 'Red Button' technology and LED display
- \rightarrow Various control modes: Δ PV, Δ PC, speed, PID
- → Multiple control modules available for
- integration with building management systems

Technical Data

- \rightarrow Temp Range: -4°F to 284°F (-20°C to +140°C)
- \rightarrow Max Amb Temp: 104°F (40°C)
- → Max Operating Pressure: 232 PSI
- → Electrical Connection: 3~460v
- → IP 55 Enclosure

Materials of Construction

- → Cast Iron, Cataphoretically Coated Volute
- → Cast Iron Lantern
- → High-Temp, High-Pressure Engineered
- → Composite Impeller
- → Stainless Steel Pump Shaft



wilo

Wilo-Helix EXCEL / EXCEL Complete

High Efficiency Multistage Pumps, Single-Pump Booster



Application

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

Max. Flow

360 GPM

- Max. Head
- 800 feet

Features & Benefits

- → Certified to NSF 61
- → Highest efficiency motor-drive combination on the market
- → Cartridge-style seal for easy maintenance
- \rightarrow 'Red Button' technology and LED display
- → Capable of accepting various control modes with the purchase of kits: ΔPV , ΔPC , speed, PID
- → Optional communication protocol gateways for BACnet, MODbus and LONworks

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Building Services

Technical Data

- → Certified to NSF/ANSI 372 & 61
- → Temp Range: -5°F to 250°F(-20°C to 121°C)
- \rightarrow Max Amb Temp: 104°F (40°C)
- → Max Operating Pressure: 232/363 PSI
- → Electrical Connection: 3~460v
- → 1¼"-3" NPT connections
- → IP 55 Enclosure

Materials of Construction

FKM Mechanical Seal

- → 304 or 316 stainless steel construction
- → Stainless Steel Volute, Impeller & Shaft → Tungsten Carbide/EPDM, or optional Viton®/







Wilo-Star S

3-Speed Wet Rotor Circulators



Application

- \rightarrow Hot Water Heating Systems
- \rightarrow Cold Water
- \rightarrow Air–Conditioning Systems
- \rightarrow Water/Glycol concentrations up to 50%
- \rightarrow Solar
- \rightarrow Geothermal

Max. Flow

35 GPM

Max. Head

33 feet

Features & Benefits

- → Reliable wet rotor technology
- \rightarrow Quick connect wiring
- \rightarrow Powerful starting torque
- \rightarrow Ultra quiet
- → Installable hi-temp check (RFC model)
- → RFC Patented Rotating Flange: US 8,297,664 B2

Technical Data

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Building Services

- → Max Temp Range: 14°F to 230°F (-10°C to 110°C)
- → Max Amb Temp: 104°F (40°C)
 → Electrical Connection: 1~115v
- Star S33 available in 1~115v, 230v
- → Max Working Pressure: 140 PSI (10 Bar)
- wax working riessure, 140 PSI (10 Da

Materials of Construction

- → Cast Iron Volute
- → Engineered Composite Impeller
- → Stainless Steel Shaft
- → Carbon Impregnated Bearing
- → Steel Terminal Box



Residential Wet Rotor Circulators



Application

- \rightarrow Hot Water Heating Systems
- \rightarrow Cold Water
- → Air-Conditioning Systems
- → Water/Glycol concentrations up to 50%
- → Solar
- \rightarrow Geothermal

Max. Flow

Features & Benefits

- → Reliable wet rotor technology
- \rightarrow Quick connect wiring
- → Powerful starting torque
- → Ultra quiet

Technical Data

- → Max Temp Range: 14°F to 230°F (-10°C to 110°C)
- \rightarrow Max Amb Temp: 104°F (40°C)
- \rightarrow Electrical Connection: 1~115v
- → Max Working Pressure: 140 PSI (10 Bar)

Materials of Construction

- → Cast Iron Volute
 - → Engineered Composite Impeller
 - → Stainless Steel Shaft
 - → Carbon Impregnated Bearing
 - → Steel Terminal Box

Wilo-Top S

Commercial Wet Rotor Circulators



Application

- → All types of Hot Water Systems
- \rightarrow Closed Cooling Circuits
- \rightarrow Air Conditioning Systems
- → Industrial Circulation
- \rightarrow Water/Glycol concentrations up to 50%
- → Solar / Geothermal

Max. Flow

290 GPM

Max. Head

70 feet

Features & Benefits

- → No mechanical seal
- → Quiet, low maintenance wet rotor circulator
- \rightarrow Two-speed operation on all voltages
- → Automatically vented
- → Cataphoretically coating prevents corrosion
- \rightarrow Sturdy cast aluminum electrical box
- \rightarrow Short flange to flange dimension

Technical Data

- → Max Temp Range: 14°F to 248°F (-10°C to 120°C)
- \rightarrow Amb Temp Range: 32°F 104°F (0°C 40°C)
- → Electrical Connection: 1~115v, 230v 3~208-230v, 460v, 575v
- → Max Working Pressure: 145 PSI (10 Bar)

Materials of Construction

- → Cast Iron, Cataphoretically Coated Volute
- \rightarrow Engineered Composite Impeller
- \rightarrow Stainless Steel Shaft
- → Impregnated Carbon Bearing
- → Class H Insulation





Wilo-Star Z

Stainless Steel 3 Speed Wet Rotor Circulators



Application

- \rightarrow Potable Water systems
- → Air-Conditioning Systems
- → Open Systems Heating or Cooling
- → Industrial Circulation
- \rightarrow Water/Glycol concentrations up to 50%
- → Solar / Geothermal

Max. Flow

35 GPM

- Max. Head
- 33 feet

Features & Benefits

- \rightarrow Reliable wet rotor technology
- \rightarrow Quick connect wiring
- → Powerful starting torque
- \rightarrow Ultra quiet

Technical Data

- → Max Temp Range: 14°F to 230°F (-10°C to 110°C)
- \rightarrow Max Amb Temp: 104°F (40°C)
- → Electrical Connections: 1~115v
- \rightarrow Max Working Pressure: 140 PSI (10 Bar)

Materials of Construction

- → Stainless Steel Volute & Shaft
- → Engineered Composite Impeller
- → Impregnated Carbon Bearing



Wilo-Z-15

Domestic Hot Water Circulators



Application

→ Domestic Hot Water Recirculation

Max. Flow

2 GPM

Max. Head

5 feet

Features & Benefits

- → NSF 61/Annex G Certified / ANSI 61
- → Compact design
- \rightarrow 115v power cord included
- \rightarrow Magnetic drive design
- → Jet Connect[™] fitting pack included
- \rightarrow Optional digital timer available
- → Conserves energy and water
- → Safe and quick installation
- → Available in ¾" SWT, ½" SWT and ½" NPT

Technical Data

- → Max Temp Range: 68°F to 150°F (20°C to 65°C)
- → Max Amb Temp: 104°F (40°C)
- → Max Working Pressure: 145 PSI (10 Bar)

Materials of Construction

- → NSF/ANSI 61 Certified Brass Volute
- → Stainless Steel Shaft
- → Engineered Composite Impeller

→ Impregnated Carbon Bearing



Wilo-Z-15 Accessories

JetValve, Digital Timer, DHW Fitting Pack & Aquastat

JetValve

- \rightarrow 1/2" Hot and cold Male IPS inlets
- \rightarrow 3/8" Hot and cold male compression thread outlets
- → Available as standalone valve or with 20" SS flex connectors
- → Conserves water

Digital Timer

- → Weekly digital timer
- → Large LCD display
- → Conserves energy

DHW Fitting Pack

- \rightarrow Package of four (4) connectors to handle all types of piping
- → Two (2) ½" SW x FNPT
- → Two (2) ¾" SW x FNPT
- \rightarrow Two (2) ³/₄" SW x ¹/₂" SW Reducing Bushings
- \rightarrow Two (2) ³/₄" Street Hub Copper Unions
- → Less than 0.25% Lead content

Aquastat

- → Clips directly on the ¾" pipe to control your DHW circulator
- \rightarrow 8' Line cord
- \rightarrow Turns on at 98°F (36°C)
- → Turns off at 114°F (46°C)





Sump Pumps & Accessories

H[ft

25

20

15

0





Wilo-ECC

Submersible Sump Pumps





Wilo-ECS

Submersible Sump Pumps



Application

- → Sump & Effluent
- → Dewatering
- → Drainage

Cast Iron Flanges

Wilo Accessories Flanges and Ball Valves

- → Residential FNPT cast iron flanges (34", 1", 11/4", 11/2")
- → HV cast iron FNPT flanges
- (1", 11/2", 2")
- → Wilo cast iron FNPT "Check Flange" kit (3/4", 1", 11/4")

Bronze Flanges

- → Lead free bronze
- → Residential FNPT bronze flanges (34", 1", 114")
- → Residential SWT bronze flanges (¾", 1")
- \rightarrow HV bronze flanges (Top S, Stratos, Star 17) (1", 1¼, 2")

Swivel Flange Ball Valves

- → Residential FNPT/SWT w check (34", 1", 11/4", 11/2")
- → HV FNPT/SWT (11/4", 11/2")

Application → Sump & Effluent

- → Dewatering
- \rightarrow Drainage

Max. Flow 58 GPM

Max. Head

25 feet

Features & Benefits

- → Permanent split capacitor motor with automatic thermal overload protection
- \rightarrow 10' power cord included

→ Max Solids Handing: ³/₈"

 \rightarrow Max Fluid Temp: 77°F (25°C)

→ Electrical Connections: 1~115v

 \rightarrow 1½" NPT Discharge (1¼" with adapter)

 \rightarrow CSA certified

Technical Data

Max. Flow

71 GPM

Max. Head

23 feet

Features & Benefits

- → Oil-filled motor for max heat dissipation
- → Ideal for basement installations
- \rightarrow 10' power cord included
- → CSA certified

Technical Data

- → Max Solids Handling: 1/2"
- \rightarrow Max Temp: 77°F (25°C)
- → Electrical Connections: 1~115v
- \rightarrow 1½" Discharge (1¼" adapter included)

Materials of Construction

- → Cast Iron Volute & Motor Housing
- → Engineered Composite Impeller
- \rightarrow Stainless Steel Bottom-Screened Inlet

Materials of Construction

- → Cast Iron Volute
- → Stainless Steel Motor Housing
- → Engineered Composite Impeller





Wilo-WCC Sewage/Effluent Pumps



Application

- → Residential Sewage & Effluent
- \rightarrow Drainage



Max. Flow

- 85 USGPM
- Max. Head
- 24 feet

Features & Benefits

- \rightarrow Replaceable piggyback tether float switch
- \rightarrow Oil-filled motor for maximum heat dissipation
- \rightarrow Built-in thermal overload protection
- \rightarrow 10' power cord included
- \rightarrow CSA certified

Technical Data

- \rightarrow Max Solids Handling: 2" (WCC17); $\frac{3}{4}$ " (WCC28)
- → Max fluid temperature 130°F (55°C)
- → Electrical Connections: 1~115v
- → 2" NPT Discharge

Materials of Construction

- → Cast Iron Volute & Motor Housing
- → Engineered Composite Impeller



Wilo-IL, ILE

In-line Centrifugal Pumps



Application

- \rightarrow Hot Water Heating systems
- → Closed Cooling Circuits
- → Air Conditioning
- → Industrial Circulation
- → Solar
- \rightarrow Geothermal

Max. Flow

3900 GPM

Max. Head

400 feet

Features & Benefits

- → Integrated suction straightening vane on certain models
- → Pump feet drilled and tapped
- \rightarrow 125# ANSI standard flanges
- → Suction and discharge pressure gauge tappings
- \rightarrow Lifting eyes for easy installation
- → Sensorless drive models available

Technical Data

- → TEFC motors standard (ODP available)
- \rightarrow Temp Range: -5°F to 285°F (-20°C to 140°C)
- → Max Amb Temp: 104°F (40 °C)
- → Electrical Connection: 1~115v, 230v 3~208-230v, 460v, 575v

Materials of Construction

- → Cast Iron, Cataphoretically Coated Volute
- → Trimmable Bronze Impeller
- → Stainless Steel Stub Shaft



wilo®

Wilo-IPL

In-line Pumps



Application

- \rightarrow Hot Water Heating systems
- → Closed Cooling Circuits
- → Air Conditioning
- → Industrial Circulation
- \rightarrow Solar
- \rightarrow Geothermal

Max. Flow

- 410 GPM
- Max. Head

- \rightarrow Integrated suction straightening vane
- → Suction and discharge pressure gauge tappings
- → Lifting eyes for easy installation

Technical Data

- → TEFC motors standard (ODP available)
- \rightarrow Temp Range: 15°F to 250°F (-10°C to 120°C)
- → Max Amb Temp: 104°F (40 °C)
- → Electrical Connection: 1~115v, 230v 3~208-230v, 460v, 575v

Materials of Construction

- → Cast Iron, Cataphoretically Coated Volute
- → Engineered Composite Impeller
- → Stainless Steel Stub Shaft
- → 2-Part Epoxy Paint

Building Services



- 65 feet

- \rightarrow Pump feet drilled and tapped
- → 125# ANSI standard flanges



Wilo-NL

Base Mounted End Suction Pumps



Application

- \rightarrow Heating and Cooling Systems
- \rightarrow Transfer and Pressure Boosting
- \rightarrow Boiler Feed/Condensate
- \rightarrow Irrigation
- → Industrial Applications

Max. Flow

2,500 GPM

Max. Head

300 feet

Features & Benefits

- → Back pullout design allows replacement of bearings and seals without disturbing the piping
- \rightarrow Three bearing bracket sizes for all models
- $\rightarrow\,$ Confined gasket between cover and casing
- → Maintenance-free ZZ bearings
- \rightarrow Improved hydraulics for reduced vibration
- → Over 50 models available

Technical Data

- → Temp Range: -5° F to 250°F (-20° C to 121°C) → Horsepower Range: 1-75HP (3500RPM)
- ² Horsepower Kange: 1-¹/₂-200HP (1750RPM)
- \rightarrow Flange Size Range: 1¼" to 8"
- → Max Pressure: 250 PSI
- / Max Flessule, 250 FSI

Materials of Construction

- → Cast Iron Volute
- → Bronze Impeller
- → Stainless Steel Shaft
- → C/SiC/EPDM Mechanical Seal (other seals available upon request)
- → NEMA Standard Motors

Wilo-SCP

Split Case Pumps



Application

- → Heating and Cooling Systems
- → Transfer and Pressure Boosting
- → Boiler Feed/Condensate
- → Municipal Water Supply
- → Irrigation
- → Industrial Applications

Max. Flow

5,000 GPM

Max. Head

180 feet

Features & Benefits

- → Horizontal split casing allows replacement of bearings and mechanical seal without disturbing the system piping
- → Double suction design available for maximum efficiencies
- → Hydraulically balanced double-suction impeller for minimal axial thrust
- → Tongue & groove neck ring design eliminates seizing of rotating assembly

→ Pump shaft guards

Technical Data

- → Temp Range: 18°F to 250°F (-8°C to 120°C)
- \rightarrow Available in sizes up to 500HP
- \rightarrow Different matierial and seal types available

Materials of Construction

→ Standard Configuration: Cast Iron Volute, Bronze Impeller, Stainless Steel Shaft, C/ SiC/EPDM Mechanical Seal, NEMA Standard Motors

Packaged Booster System & Multistage Pumps

Wilo-CO-Helix

60 Hz – North America 2 – 4 Pump System



Wilo-SiBooster EXCEL

2-4 Pump Pressure Boosting Systems



Wilo-CO-Helix

2-4 Pump Pressure Boosting Systems





wilo®

Wilo-Helix

Vertical Multistage Pumps



Application

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

Max. Flow

1,900 GPM

Max. Head

600 feet

Features & Benefits

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

Technical Data

- → NEMA Premium Efficiency Motors
- \rightarrow Temp Range: -5°F to 250°F (-20°C to 121°C)

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Building Services

- → Electrical Connections: 3~208-230/460/575V
- → Flange Connection: 300-class ANSI
- → Pressure Range: 232 PSI or 363 PSI

Materials of Construction

- → 304 Stainless Steel Construction
- → Certified to NSF/ANSI 61
- → Stainless Steel Volute, Impeller & Shaft
- → Tungsten Carbide/EPDM, or optional Viton®/
- **FKM Mechanical Seal**



Application

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

Max. Flow

1.600 GPM

Max. Head

825 feet

Features & Benefits

- → Includes Helix EXCEL high-efficiency ECM pumps
- $\rightarrow\,$ Real-time diagnostics and remote monitoring
- \rightarrow Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- → Onboard MODbus and optional BACnet and LONworks interface
- → ECM control per pump
- → Adjustable low pressure cut-out
- → Balanced run time for all pumps

Technical Data

- → Certified to NSF/ANSI 372 & 61
- → CC Controller NEMA 12
- → VFD-Controlled Base Load Pump
- \rightarrow 4-20 mA, ¼" SS Pressure Transducers
- → Max System Pressure: 363 PSI
- → Fluid Temp Range: 30°F to 200°F
- (-1°C to 120°C)

Materials of Construction

- → All 304 Stainless Steel Construction, 316 available
- → EPDM/FKM Elastomers
- → Mechanical Seal Options
- → Tungsten Carbide/EPDM, or optional Viton®/ **FKM Mechanical Seal**

300 200 V110-270 V20-80 100 0 800 1000 1200 1400 1600 200 400 600 Application

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

Max. Flow

1,900 GPM

Max. Head

600 feet

Features & Benefits

- → Real-time diagnostics and remote monitoring
- \rightarrow Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- → Onboard MODbus and optional BACnet and LONworks interface
- → Variable speed control per pump
- → Adjustable low pressure cut-out
- → Balanced run time for all pumps

Technical Data

- → Certified to NSF/ANSI 372 & 61
- \rightarrow Temp Range 4°F to 248°F (-15°C to 120°C)
- → Electrical Connections: 3~208-230/460/575v
- → Rated Pressure: 232 PSI or 363 PSI → Flange Connection: 300 class ANSI

→ All 304 Stainless Steel Construction

→ Tungsten Carbide/EPDM, or optional Viton®/

→ TEFC motors standard

Materials of Construction

→ EPDM/FKM Elastomers

→ Mechanical Seal Options

FKM Mechanical Seal

Water Management

Pumps and pump systems for water supply, sewage disposal and sewage treatment in municipal buildings.

Submersible Sewage Pumps







Wilo-Rexa CUT

Submersible Sewage Pumps with Macerator



Application

- → Domestic Sewage
- → Municipal pressure sewer
 → Residential pressure sewer

Max. Flow

80 GPM

Max. Head

.

140 feet

- Features & Benefits
- → High operational reliability through sphericallyformed macerator with pulling cut
- → Cutter design yields fine solids for non-clogging operation
- $\rightarrow\,$ Resistant to obstructions and blockages
- → Sealing chamber
- → Long service life through a high-quality motor seal with two independent mechanical seals and optional pencil electrode for sealing chamber control
- → cCSAus approval

Technical Data

- → Power connection: 1~230 V/60 Hz, 3~230 V/60 Hz or 3~460 V/60 Hz
- → Submerged operating mode: continuous duty (S1)
- → Non-submerged operating mode: rated minutes operation (S2-15 or S3 10%)
- → Submerged under pressure (IP 68)
- \rightarrow Insulation class: F
- \rightarrow Max. fluid temperature: 37–104 °F (3–40 °C)

Materials of Construction

- → Pump housing: ASTM A48 Class 35/40B (EN-GJL-250)
- → Impeller: ASTM A48 Class 35/40B (EN-GJL-250
- → Motor housing: Stainless steel AISI 304 (1.4301)
- \rightarrow Seals: SiC/SiC (pump side), C/MgSiO4 (Motor)

Wilo-FA

Submersible Sewage Pumps



Application

- → Sewage Collection
- → Storm Water
- → Raw Water
- → Sewage Treatment
- \rightarrow Dewatering
- \rightarrow Industry

Max. Flow

40,000 GPM

Max. Head

420 feet

Features & Benefits

- → Rugged design for portable, wet pit, and dry well installation
- → Shaft Short overhang / large diameter
- \rightarrow L3/D4 Shaft Bending Ratio lowest in industry
- → Continuous operation possible in Q vs H curve extremes
- → Internally closed loop cooled motors available

Technical Data

- \rightarrow S1 Operating Mode (continuous duty)
- \rightarrow Protection class: IP 68
- → Max Temp: 104°F (40°C) (higher temperatures on request)
- → Silicon carbide mechanical seals

Materials of Construction

- → Cast Iron Volute (standard)
- \rightarrow Stainless Steel Standard Shaft
- → Optional Materials of Construction and Coatings Available

Wilo-Rexa PRO

Submersible Sewage Pumps



Application

- → Wastewater and sewage
- \rightarrow Domestic and site drainage
- \rightarrow Sludges up to 8% dry matter
- $\rightarrow\,$ Municipal and industrial applications

Max. Flow

550 GPM

Max. Head

110 feet

Features & Benefits

- \rightarrow Clog-resistant vortex impeller
- \rightarrow FM explosion-proof rated
- \rightarrow Dual mechanical shaft seals
- \rightarrow Watertight cable inlet
- $\rightarrow\,$ Quick and easy installation

Technical Data

- → Electrical Connections: 1~ 230v, 3~ 230v, 460v
- \rightarrow Protection class IP 68, Insulation class F
- \rightarrow Max fluid temp: 37–104°F (3–40°C)
- \rightarrow Wet pit only
- → Solids passage up to 3 in
 → Max immersion depth: 66 ft (20m)

Materials of Construction

- → Heavy-duty cast iron construction (ASTM A48 Class 35/40B)
- $\rightarrow\,$ SiC/SiC pump seal, C/MgSiO motor seal









Wilo-FA Options

Solid Impeller, Block Seal, Materials, Designs

Solid Impeller

- \rightarrow Applications: high solids content (rags and fibrous), untreated sewage, local drainage
- \rightarrow Smooth operation in wet and dry well installation
- → Simple installation via suspension unit or pump base
- \rightarrow Impeller trimmed to specific duty point
- \rightarrow Free passage: 3x4 7x7 in (78x105 -170x170 mm).

Enclosed Block Seal

Mechanical shaft seals of high wear-resistant silicon-carbide at the motor and pump-side integrated in a stainless steel cartridge

- → Short height compact design (short shaft overhang)
- \rightarrow High operation safety
- \rightarrow Durable and long life
- \rightarrow Operation independent of the direction of rotation

Special Materials

- \rightarrow Wear-resistant materials and coatings
- → Corrosion-resistant materials and coatings
- → Ceram coatings

Special Designs

- \rightarrow Mechanical mixing head
- \rightarrow Grinder pumps
- \rightarrow High chrome cast iron



Application

Wilo-RZP

Recirulation Pumps

- \rightarrow Low head water / sewage delivery at high flow rates
- → Process, raw, pure and cooling water
- → Generation of fluid current in water channels

Max. Flow

30,000 USGPM

Max. Head

17 feet

Features & Benefits

- → Submersible, compact installation unit
- → Vertical or in-line design
- → Energy efficient, flow-optimized, self-cleaning propellers, partially with helix hub
- → Low cost in-basin piping
- → FM Ex Rated
- → Pump station wet wells are no longer necessary
- → Easy installation and removal
- → The special blade design provides gentle pumping of water, sewage and activated sludge

Technical Data

- → Submerged operating mode: S1 (continuous duty)
- \rightarrow Max Temp: 104°F (40°C)
- → Protection class: IP 68
- → Units are planetary or direct gear driven

Materials of Construction

→ PUR or Stainless Steel Propeller



20



→ Cast stainless steel

Submersible Mixers

Wilo-TR(E)

Application

→ Industry

Thrust

→ Oxidation Ditches

Planetary Gear



Wilo-TR(E)

High-Speed Submersible Mixers



Wilo-TR(E)

Medium-Speed Submersible Mixers with Direct Drive or Planetary Gear

Application

- → Mixing deposits and solids in rain spillway basin and pump sump
- → Breaking down of sludge layers
- \rightarrow Agriculture
- → Water supply
- → Wet wells

Thrust

11-74 lbf (45 - 330 N)

Features & Benefits

- → Compact directly driven submersible mixer
- \rightarrow Stationary installation on walls and floors
- → Can be swiveled vertically and horizontally for installation with lowering device
- \rightarrow ATEX and FM versions
- \rightarrow Self-cleaning propeller with helix hub
- → Easy-to-install propeller attachment

Application

- \rightarrow Creation of fluid current in activated sludge tanks
- \rightarrow Suspension of solids
- $\rightarrow\,$ Prevention of floating sludge layers
- \rightarrow Industry & Agriculture
- → Water supply → BNR
- · Drut

Thrust

78 - 886 lbf (350 - 3940 N)

Features & Benefits

- → Stationary installation on walls
- \rightarrow Flexible installation
- → Single-stage planetary gear for adjusting the propeller speed
- \rightarrow Self-cleaning propeller
- \rightarrow Easy-to-install propeller attachment
- → Type "TRE" with IE3 performance optimized motors
- \rightarrow ATEX and FM versions

Features & Benefits

406 - 976 lbf (470 - 4340 N)

- → Slow-running submersible mixer with twostage planetary gear
- → Flexible installation
- → 2-stage planetary gear for adjusting the propeller speed
- → Self-cleaning propeller
- → Propeller blades can be replaced individually
- → Easy-to-install blades and hub
- → ATEX and FM versions

Technical Data

- → Submerged operating mode: S1 (continuous duty)
- → Max Temp: 104°F (40°C)
- → Protection class: IP 68
- \rightarrow Permanently lubricated anti–friction bearing

Technical Data

- \rightarrow Submerged operating mode: S1 (continuous duty)
- \rightarrow Max Temp: 104°F (40°C)
- \rightarrow Protection class: IP 68
- → Single-stage planetary gear
- \rightarrow Permanently lubricated anti-friction bearing

Technical Data

- → Submerged operating mode: S1 (continuous duty)
- \rightarrow Max Temp: 104°F (40°C)
- → Protection class: IP 68
- → Two-stage planetary gear with exchangeable second planetary stage
- → Permanently lubricated anti-friction bearing

Materials of Construction

- → Stainless Steel Motor Shaft (optional)
- → PUR or Stainless Steel Propeller
- \rightarrow SiC/SiC Combination Mechanical Seal

Materials of Construction

- → Steel, PUR or PUR/GFK Propeller
- \rightarrow Stainless Steel Gear Shaft
- \rightarrow SiC/SiC Combination Mechanical Seal

Materials of Construction

- → GFK Propeller
- → Stainless Steel Gear Shaft
- \rightarrow SiC/SiC Combination Mechanical Seal

NIN®



Slow-Speed Submersible Mixers with

→ Mixing and circulation of activated sludge

→ Flow generation in water channels













Wilo-TWI

4" Stainless Steel Well Pumps



Application

- → Potable Water Supply
- \rightarrow Irrigation
- → Municipal
- \rightarrow 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
- \rightarrow Vertical and horizontal installation possible
- \rightarrow Motors up to 250 HP
- $\rightarrow\,$ Control boxes and VFD's available
- \rightarrow NEMA standard mounting specs
- \rightarrow High quality shaft bearings
- \rightarrow Check valve standard on all models
- → Stainless Steel Construction
 → Additional models available on request
- Technical Date
- Technical Data
- → Electrical Connection: 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"- 6" Stainless Steel Well Pumps with Noryl Impellers



Application

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

Max. Flow

110 GPM

Max. Head

2,400 feet

Features & Benefits

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

Technical Data

- → Electrical Connection: 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
- → NorvI 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
- \rightarrow Industrial Process

Max. Flow

1,400 GPM

Max. Head

2,200 feet

Features & Benefits

- → Vertical and horizontal installation possible
- \rightarrow Motors up to 250 HP

Technical Data

→ NBR Bearing

3~230/460/575v

→ Protection Class: IP 68

Materials of Construction

→ Max Sand Content: 50 ppm

→ Max Immersion Depth: 1000'

- \rightarrow Control boxes and VFD's available
- \rightarrow NEMA standard mounting specs
- \rightarrow High quality shaft bearings
- → High quality shart bearings
- \rightarrow Check valve standard on all model
- → Stainless Steel Construction
- → Additional models available on request

→ Electrical Connection: 1~115/230v

→ Carbon / Graphite / PTFE Stop Ring

→ Stainless Steel / NBR Neck Ring

→ Temp Range: 37°F to 122°F (3°C to 50°C)

Heavy-Duty Submersible Pumps





Wilo-Zetos K8, K10

Heavy-Duty Cast Stainless Steel Subersible Pumps



BEST IN CLASS EFFICIENCIES!

Application

- $\rightarrow\,$ Water Supply from boreholes and cisterns
- → Process water supply
- → Municipal & industrial water supply
- → Sprinkling, Irrigation, Geothermal & Offshore
- → Pressure boosting
- \rightarrow Dewatering

Max. Flow

6,500 GPM

Max. Head

990 feet

Features & Benefits

- → Up to 24" diameters available
- \rightarrow Water pumping with large volume flows
- → Trimmable impellers
- → Motors with CoolAct[™] technology for high power density (from 10" motors on)
- \rightarrow High voltage up to 6000v possible
- → Vertical and horizontal installation possible
- \rightarrow Pressure shroud installation option

Technical Data

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- → Immersed Operating Mode: S1
- \rightarrow Max Temp: 122°F (50°C)
- → Min Flow at Motor: 0.33...1.64 f/s
- \rightarrow Max Immersion Depth: 100 or 300/350 %
- → Protection Class: IP 68

Materials of Construction

- → Ceram Coating available for increased durability
- → Corrosion-Resistant Impellers
- → Wear-Resistant GI Bushing
- (depending on type)
- → Special Materials Available

Wilo-D200/D500 Series

Borehole Pumps



Application

- → Water Supply from boreholes and cisterns
- \rightarrow Process water supply
- → Municipal & industrial water supply
- → Sprinkling, Irrigation, Geothermal & Offshore
- → Pressure boosting
- → Dewatering

Max. Flow

6.500 GPM

Max. Head

1,950 feet

Features & Benefits

- → Up to 24" diameters available
- \rightarrow Water pumping with large volume flows
- \rightarrow Trimmable impellers
- → Motors with CoolAct[™] technology for high
- power density (from 10" motors on) \rightarrow High voltage up to 6000v possible
- → Vertical and horizontal installation possible
- → Pressure shroud installation option

Technical Data

- → Immersed Operating Mode: S1
- → Max Temp: 122°F (50°C)
- \rightarrow Min Flow at Motor: 0.33...1.64 f/s
- \rightarrow Max Immersion Depth: 100 or 300/350 %
- → Protection Class: IP 68

Materials of Construction

- → Ceram Coating available for increased durability
- → Corrosion-Resistant Impellers
- → Wear-Resistant GI Bushing
- (depending on type) → Special Materials Available

Wilo- P Series

Bottom Intake Pumps



Application

- → Potable and Process Water from tanks or shallow areas
- → Municipal and Industrial Water Supply
- → Sprinkling and Irrigation
- → Dewatering
- → Geothermal Energy & Offshore

Max. Flow

6.600 USGPM

Max. Head

620 feet

Features & Benefits

- → Self-cooling
- → Compact design
- → Rewindable motors
- → Trimmable Impellers
- → Hydraulics and motor configurable according to power requirements

Technical Data

- \rightarrow Max Temp: 68°F (20°C)
- → Max Immersion Depth: 984 ft
- → Protection Class: IP 68

Materials of Construction

- → Stainless Steel pump shaft
- → Ceram Coating available for increased durability

Submersible Motors & Accessories

wilo®



Wilo Quick Solar, Opti Solar

4" Solar Pumps



Application

→ Raw Water intake

 \rightarrow Irrigation

Max. Flow

48 GPM

Max. Head

750 feet

Features & Benefits

- → Integrated inverter
- → Sophisticated dynamic MPPT algorithm
- \rightarrow Integrated protection features
- → Integrated water level sensor
- \rightarrow External control module (optional)
- \rightarrow AC power cable input
- \rightarrow Remote monitoring and operation

Technical Data

- → Operating voltage: 90–340 VDC /
- → 90-265 VAC

Wilo Submersible Motors

3-10" Motors

4" Standard Submersible Motors

- \rightarrow Certified to NSF / ANSI 61
- → Stainless steel for Maximum corrosion resistance
- → Coal Bed Methane Series available for aggressive applications
- → Equipped with surge arrestors on 115/230v models
- \rightarrow Automatic thermal overload protection
- → Efficient 2-wire motors
- → Electrical Connections: 1~115/230v and 3~230/460/575v
- \rightarrow Max Temp: 86°F (30°C)
- \rightarrow 48" cable length for $\frac{1}{2}-\frac{1}{2}$ HP models
- \rightarrow 100" cable length for 2+ HP models

4 & 6" Standard Encapsulated Motors

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

6"-10" Standard Submersible Motors

- \rightarrow Electrical Connections:
- 3~230/460/575/1000v
- \rightarrow NEMA standard flange
- \rightarrow Standard Temp: 95°F (35°C)
- \rightarrow High Temp: 176°F (80°C)
- \rightarrow NEMA splined shaft
- → pH 6.5-8.0
- \rightarrow Durable stainless steel motor housing
- \rightarrow 304 & 316 available

6"-16" NU Rewindable Submersible Motors

- → Rewindable motor stator
- \rightarrow Voltages up to 6000v
- \rightarrow Hi-Temp models available
- \rightarrow 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
- \rightarrow Water-filled design



Wilo Submersible Accessories

Control Boxes, Variable Frequency Drives, Pump Panels

Control Boxes

- \rightarrow Standard
- \rightarrow Deluxe
- \rightarrow Deluxe CSCR
- \rightarrow Deluxe (6")

Wilo Pump Panel

- \rightarrow 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





Scot's roots began as a provider to the agricultural industry, primarily for the transferring and spreading liquid fertilizers. Today, Scot has expanded their expertise to become a specialist in the manufacturing of close-coupled centrifugal pumps for the OEM, HVAC, military and industrial markets. Scot's manufacturing facility in Cedarburg, Wisconsin is in the heartland of the some of the America's finest automated foundries, where quality castings and gray iron, bronze, stainless steel and aluminum are readily available.

Scot has a distributor network around North America which supports aftermarket and replacement demands by stocking most of the common parts and pumps they offer. Scot's commitment to quality and dedication to short lead times has cultivated a reputation of reliability and outstanding customer service.

Ft. Lauderdale, Florida is home to the Marine Division which provides all types of non–ferrous pumps and other solutions to yachts and commercial vessels.



Cast Iron, Close Coupled Pumps, 1150 RPM

Models: 57, 59, 96, 97, 267 and 268



Application

→ Water Features

→ Water Parks

Max, Flow

4,500 GPM

Max. Head

60 feet

Features & Benefits

- \rightarrow Up to 50 HP and 10" Discharge
- → Heavy Duty Construction
- → Close Coupled-Back Pullout Design
- → Mechanical Seal

Technical Data

- → NEMA 60HZ JM, JP, JPZ Frame
- \rightarrow ODP, TEFC, Enclosures
- $\rightarrow 6\frac{1}{2}$ " 13" Max Impeller
- → Temp range 0°F to 250°F
- → Max working pressure 175 PSI

Materials of Construction

- → ANSI Flange Connections
- → Standard Fitted
- → Bronze Fitted
- → All Iron

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- → Buna Carbon Ceramic Seal standard
- → EPDM, Viton & Silicon Carbide available



Cast Iron, Close Coupled Pumps, 1750 RPM

Models: 51/2" C56/JM, 61/2" C56/JM, 8" JP, 10" JP



Application

- → Cooling Towers
- → Chillers
- → Plastic Injection Molding
- → Process Water Filtration & Circulation
- → Condensate Return
- → Heat Treating

Max, Flow

6,500 GPM

Max. Head

150 feet

Features & Benefits

- \rightarrow Up to 150 HP and 10" Discharge
- → Heavy Duty Construction
- → Close Coupled Back Pullout Design

→ Mechanical Seal

Technical Data

- → NEMA 60HZ C56, JM, JP, JPZ Frames
- → ODP, TEFC, Explosion Proof Enclosures
- \rightarrow 5¹/₂" 13" Max Impeller

Materials of Construction

→ Standard Fitted

→ Fitted or All Iron

→ Bronze

- → Temp range 0°F to 250°F
- → Max working pressure 175 PSI

→ NPT and ANSI Flange Connections

→ Buna Carbon Ceramic Seal standard

→ EPDM, Viton & Silicon Carbide available

Cast Iron, Close Coupled Pumps, 3500 RPM

Models: 31/2" J56, 51/2" J56, 51/2" JM, 6¹/₂" JM, 9" JM. 9" JP



Application

- → Cooling Towers
- → Chillers
- → Plastic Injection Molding
- → Process Water Filtration & Circulation
- → Condensate Return
- → Heat Treating

Max. Flow

1,750 GPM

Max. Head

375 feet

Features & Benefits

- \rightarrow Up to 100 HP and 8" Discharge
- → Heavy Duty Construction
- → Close Coupled-Back Pullout Design
- → Mechanical Seal

Technical Data

- → NEMA 60HZ, J56, JM, JP Frames
- → ODP, TEFC, Explosion Proof Enclosures
- \rightarrow 3¹/₂" 9" Max Impeller
- → Temp range 0°F to 250°F
- → Max working pressure 175 PSI

Materials of Construction

- → NPT and ANSI Flange Connections
- → Standard Fitted
- → Bronze Fitted
- \rightarrow All Iron
- → Buna Carbon Ceramic Seal standard
- → EPDM, Viton & Silicon Carbide available







WATER OUALITY

Welded Stainless Steel, Close **Coupled Pumps, 3500 RPM**

Models: Models: 230-236, 320-328



Application

- → Booster Systems
- \rightarrow Chillers
- → Plastic Injection Molding
- → Process Cooling Water
- → Dishwashing Equipment
- → Induction Heating / Cooling
- → 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 Pullout Design
- → Centerline Discharge
- → Mechanical Seal

Technical Data

- → NEMA 60HZ J56, JM, TC Frames
- → ODP, TEFC, Explosion Proof Enclosures
- \rightarrow 4.50" 8.00" Max Impeller
- → Temp range 0F to 225F
- → 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



Welded Stainless Steel, Close **Coupled Pumps, 1750 RPM**

Models: 230-236, 320-328



Application

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

Max. Flow

210 GPM

Max. Head

67 feet

Features & Benefits

- → NSF/ANSI 61 & 372 certified
- \rightarrow Up to 5 HP and 2" Discharge
- → Cast Iron Adapter supports seal and prevents flexing of Pump
- → Close Coupled-Back Pullout 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 0F to 225F
- → Max working pressure 175 PSI

Materials of Construction

- → NPT and Flange Connections
- ightarrow 304 Stainless Steel Casing, Impeller and Seal Plate. Cast Iron Adapter
- → Buna Carbon Ceramic Seal is standard
- → EPDM, Viton & Silicon Carbide available

Cast 316 Stainless Steel, Close **Coupled Pumps, 3500 RPM**

Models: 13S, 19GNS, 19GS, 17S, 15S, 25S



Application

- → Chiller
- → Dishwashers
- → Washing Equipment
- → Process Cooling Water

Max. Flow

400 GPM

Max. Head

140 feet

Features & Benefits

- → Up to 15 HP and 3" Discharge
- → Heavy Duty Construction
- → Close Coupled-Back Pullout Design
- → Mechanical Seal, Type 21 Standard, Type 9 available

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Technical Data

- → NEMA 60HZ C56, TC Frames
- → ODP, TEFC, Explosion Proof Enclosures
- → 4.75" 5.63" Max Impeller
- → Temp range 0F to 250F
- → Max working pressure 175 PSI

Materials of Construction

- → NPT Connections
- → 316 Stainless Steel wetted components
- → Viton Silicon Carbide Seal is standard
- → Type 9 Teflon Silicon Carbide available



All Bronze, Close Coupled Pumps 3500 RPM

Models: 51/2" J56, 51/2" JM, 61/2" JM and 9" JM/JP



Application

- → Induction Heating Cooling Water
- → Heat Exchanger
- \rightarrow Pressure Boosting
- → Raw Water Supply

Max, Flow

1,100 GPM

Max. Head

375 feet

Features & Benefits

- \rightarrow Up to 100 HP and 4" Discharge
- → Heavy Duty Construction
- → Close Coupled-Back Pullout Design
- → Mechanical Seal

Technical Data

- → NEMA 60HZ J56, JM, JP Frames
- → ODP, TEFC, Explosion Proof Enclosures
- → 5.00" 9.00" Max Impeller
- → Temp range 0F to 250F
- → Max working pressure 175 PSI

Materials of Construction

- → NPT and ANSI Flange Connections
- → 836 Bronze Case Impeller and Adapter
- \rightarrow Buna Carbon Ceramic Seal is standard.
- → EPDM, Viton & Silicon Carbide available



All Bronze, Close Coupled Pumps 1750 RPM

Models: 51/2" J56, 5" JM, 6" JM and 9" JM/JP



Application

- → Induction Heating Cooling Water
- → Heat Exchanger
- → Water Recirculation Systems
- → Raw Water Supply

Max. Flow

650 GPM

Max. Head

95 feet

Features & Benefits

- \rightarrow Up to 20 HP and 4" Discharge
- → Heavy Duty Construction
- → Close Coupled-Back Pullout Design

Technical Data

- → NEMA 60HZ J56, JM, JP Frames
- → ODP, TEFC, Explosion Proof Enclosures
- → 5.50" 9.00" Max Impeller
- → Temp range 0F to 250F
- → Max working pressure 175 PSI

Materials of Construction

- → NPT and ANSI Flange Connections
- → 836 Bronze Case Impeller and Adapter
- → Buna Carbon Ceramic Seal is standard
- → EPDM. Viton & Silicon Carbide available



Specialty Products

Hot Oil, Low Temp Chiller, Self-Priming, Vertical Flange, Vertical Floor Mounted, Vertical Sealless

Application

- \rightarrow Parts Washers
- → Condensate Return
- → Dewatering
- → Water Features
- → Refrigeration
- → Heat Transfer

Max. Flow

6,000 GPM

- Max. Head
- 180 feet

Features & Benefits

→ Custom mounting configurations and features for unique applications

Technical Data

- \rightarrow NEMA 60HZ J56, JM, JP, JPZ, TCZ Frames
- → ODP, TEFC, Explosion Proof Enclosures
- → 4.50" 13.00" Max Impeller
- → Temp range –30F to 400F

Materials of Construction

- → NPT and Flange Connections
- → Standard Fitted
- → Bronze Fitted
- → All Bronze
- → All Iron
- → Cast 316SS

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→ Mechanical Seal





Marine Straight Centrifugal Pumps 35000, 48000 and 57000 Series



Application

- \rightarrow Air Conditioning
- \rightarrow Refrigeration
- → Cooling Water Circulation

Max. Flow

400 GPM

Max. Head

130 feet

Features & Benefits

- $\rightarrow\,$ Heavy Duty Cast Construction
- → Close Coupled–Back Pullout Design
- → Enclosed & Semi–Open Impeller
- \rightarrow Continuous Duty Motor

Technical Data

- → NEMA 60HZ J56, C56, JM Frames
- \rightarrow TEFC Motor is Standard
- → NPT Connections



Marine Self-Priming Centrifugal Pumps

48000 and 68000 Series



Application

- → Raw Water Intake
- \rightarrow Air Conditioning
- \rightarrow Refrigeration
- \rightarrow Bilge
- → Fire Fighting/Washdown

Max. Flow

200 GPM

Max. Head

100 feet

Features & Benefits

- → Heavy Duty Cast Construction
- → NEMA 60HZ C56, JM Frames
- → Close Coupled-Back Pullout Design
- → Enclosed & Semi-Open Impeller
- \rightarrow Self-Priming up to 20' lift

Technical Data

- → NPT Connections
- → TEFC Motor is Standard

Marine Straight Centrifugal Grooved Pumps

58000, 7000. 71000 and 72000 Series



Application

- → Air Conditioning
- → Refrigeration
- → Chilled Water Circulation

Max. Flow

1,000 GPM

Max. Head

200 feet

Features & Benefits

- → Heavy-Duty Cast Construction
 → Close Coupled-Back Pullout Design
- \rightarrow High Efficiency Enclosed Impeller
- → NEMA 60Hz JM Frames

Technical Data

- → Pump Suction and Discharge are Grooved
- → NEMA 60HZ JM Frame
- → NPT, ANSI & Navy Flange Connections are available
- → TEFC Motor Standard

Materials of Construction

 $\rightarrow\,$ Marine Bronze Case, Impeller and Adapter

Materials of Construction

 $\rightarrow\,$ Marine Bronze Case, Impeller and Adapter

Materials of Construction

- \rightarrow Marine Bronze Case, Impeller and Adapter
- cot Pump



A WILO COMPANY

Weil has long been at the forefront in the design and manufacturing of centrifugal pumps for construction, industrial, commercial and municipal applications.

Dedicated to building a product that engineers can specify and contractors can sell and install with confidence, quality has always come first. All castings are poured in the United States, and all parts are machined and assembled in Weil's manufacturing facility in Cedarburg, Wisconsin. In addition to pumps, Weil manufactures removal systems and controls, ensuring single-source accountability and trouble-free start-up and operation.

Weil's insistence on high-quality, rugged designs ensures the least maintenance over the life of the pump and yields the lowest lifecycle cost of any pump available. Additionally, Weil has an exclusive, national network of sales representatives whose interests and efforts continue even after the sale.





Single Seal Submersible Sump Pumps

Series 1400



Application

- → Elevator Pits
- → Below Ground Vaults
- → Process Water
- → Storm Water
- \rightarrow Runoff
- → Drainage

Max, Flow

105 GPM

Max. Head

165 feet

Features & Benefits

- → Long duty life
- → Heavy duty, rugged, industrial grade construction
- → Air filled motor
- → NPT/ANSI Flange and discharge connections
- → Customizable construction

Technical Data

- → Class F Insulation
- → Double sealed ball bearings
- \rightarrow Up to 180F operation
- → Copper Motor windings
- \rightarrow $\frac{1}{2}$ to 2 HP
- → 1 & 3 phase, 115/208-230/460 Volts

Single Seal Submersible Sewage **Pumps**

Series 2400



Application

- → Below Ground Vaults
- → Effluent & Wastewater
- → Clear and Grey water with solids, ideal for sewage pits

Max. Flow

85 GPM

Max. Head 260 feet

Features & Benefits

- → Heavy duty, rugged construction floor mount or quick removal style
- \rightarrow Long duty life
- → Air filled motor
- → Customizable options

Technical Data

- → Class F Insulation
- → Thick gauge copper windings
- \rightarrow Type 21 mechanical seal
- \rightarrow Double sealed ball bearings
- → SOOW power and sensor cable
- \rightarrow $\frac{1}{2}$ to 2 $\frac{1}{2}$ HP
- → 1 & 3 phase 115/208-230/460 Volts

Materials of Construction

- → Cast Iron motor and pump housings
- → Optional bronze and 316SS Impellers and 316SS cases
- \rightarrow Buna/Viton Seals and O-rings
- → Stainless Hardware



Single Seal Submersible Grinder Pumps

Series 2400



Application

- → Residential sewage basins
- → Commercial & Industrial Sewage Pit
- → Underground Vaults
- → Process Water with Debris

Max. Flow

125 GPM

Max. Head

100 feet

Features & Benefits

- → Reduces sewage solids and debris to 3/8" diameter or less
- → Long life stainless steel cutting components hardened to Rockwell 58C

Technical Data

- → Class F Insulation
- → Thick gauge copper windings
- \rightarrow Type 21 mechanical seal
- → Double sealed ball bearings
- → SOOW power and sensor cable
- \rightarrow $\frac{1}{2}$ to 2 $\frac{1}{2}$ HP
- → 1 & 3 phase 115/208-230/460 Volts

Materials of Construction

- → Cast Iron motor and pump housings
- → Optional bronze and 316SS Impellers and 316SS cases
- → Buna/Viton Seals and O-rings

Weil Pump

- **Materials of Construction**
- → Cast Iron Standard
- → Optional Bronze or 316SS Impellers
- → Optional 316SS cases
- → SOOW Cable
- \rightarrow Buna/Viton Seals and O-rings







Double Seal Submersible Sump Pumps

Series 1600



Application

- → Commercial & Industrial Pits
- \rightarrow Pump Clear and Grey Water
- \rightarrow Effluent & Wastewater with some solids
- → Loading docks, washdown, parking lots, flood vaults

Max. Flow

675 GPM

Max. Head

145 feet

Features & Benefits

- \rightarrow Double sealed ball bearings
- → Heavy duty, rugged cast iron construction
- \rightarrow Long duty life
- → Double mechanical seal –type 21
- → UL/CUL listed explosion proof designs for class 1, div 1 applications

Technical Data

- → Class F Insulation
- \rightarrow Thick gauge copper windings
- \rightarrow Double sealed ball bearings
- → SOOW power and sensor cable
- \rightarrow 1/2 to 15 HP
- → 1 & 3 phase 115/208-230/460/575 Volts

Materials of Construction

- \rightarrow Cast Iron motor and pump housings
- → Optional bronze and 316SS Impellers and 316SS cases
- → Buna/Viton Seals and O-rings
- → Stainless Hardware

Double Seal Submersible Sewage Pumps

Series 2500



Application

- → Passes sewage/solids up to 4" diameter for use in sanitary, wastewater, effluent process fluids
- → Vaults and pits, stormwater/runoff, flood

Max. Flow

2500 GPM

Max. Head

155 feet

Features & Benefits

- → Semi open and enclosed impeller designs
- → Double sealed ball bearings
- \rightarrow Heavy duty, rugged cast iron construction
- → Long duty life
- → Double mechanical seal –type 21
- \rightarrow UL/CUL listed explosion proof designs for class 1, div 1 applications

Technical Data

- → Class F Insulation
- \rightarrow Thick gauge copper windings
- → Double sealed ball bearings
- \rightarrow SOOW power and sensor cable
- \rightarrow ½ to 50 HP 50–60hz
- \rightarrow 1 and 3 phase 115/208–230/460/575 Volt
- → 1150/1750/3500 RPM

Materials of Construction

- → Cast Iron motor and pump housings
- → Optional bronze and 316SS Impellers and 316SS cases
- → Buna/Viton Seals and O-rings
- → Stainless Hardware

Double Seal Submersible Grinder Pumps

Series 2500



Application

→ Residential sewage basins, commercial and industrial sewage pit, underground vaults, process water with debris

Max. Flow

660 GPM

Max. Head

135 feet

Features & Benefits

- → Reduces sewage solids and debris to 3/8" diameter or less
- → Long life stainless steel cutting components hardened to Rockwell 58C
- \rightarrow Double mechanical seal –type 21
- → UL/CUL listed explosion proof designs for class 1, div 1 applications
- → 440 C stainless Grinder/Cutter components

Technical Data

- \rightarrow Class F Insulation
- → Thick gauge copper windings
- \rightarrow Double sealed ball bearings
- → SOOW power and sensor cable
- \rightarrow 3/4 to 6 HP
- \rightarrow 1 & 3 phase 115/208–230/460/575 Volts

Materials of Construction

- → Cast Iron motor and pump housings
- → Optional bronze and 316SS Impellers and 316SS cases
- → Buna/Viton Seals and O-rings





Double Seal Submersible Stainless Pumps

Series 1600S, 2500S



Application

→ Leachate drainage, brackish water, hospital sumps, laboratory waste, chemical process/ waste

Max. Flow

425 GPM

Max. Head

135 feet

Features & Benefits

- → Quick remove or floor mount 316SS sump, sewage, grinder pumps 1.25–3" discharge
- \rightarrow Semi open and enclosed impeller designs
- \rightarrow Double sealed ball bearings
- → Heavy duty, rugged cast iron construction
- → Long duty life
- → Double mechanical seal –type 21 → UL/CUL listed explosion proof designs for
- class 1, div 1 applications

Technical Data

- \rightarrow ½ 6 HP 50/60 hz
- → 1 & 3 phase 115/208-230/460/575 Volt
- → 1150, 1750, 3500 RPM
- → Viton Seals and O-rings
- → STOOW Chemical Resistant Cable

Materials of Construction

→ All 316 Stainless Steel Castings for pump and motor housings

Vertical Sump Pumps

Series 1100, 1200, 1300



Application

- → Residential, commercial, industrial sump pits, process fluids, underground vaults
- → Clear and grey water with small strained solids.

Max. Flow

675 GPM

Max. Head

155 feet

Features & Benefits

- → Column style clear/grey water sump pumps in 1.25-4" discharge
- \rightarrow 2ft 16ft build lengths
- \rightarrow Flexible coupled
- \rightarrow Customizable construction
- → NEMA C-Face TEFC Motor → Heavy Duty Rugged Cast Iron pump and
- bearing housings
- → Precision machined and polished shaft

Technical Data

- \rightarrow $\frac{1}{2}$ -15 HP 50/60hz
- → 1 & 3 phase 115/208-230/460/575 Volt
- → 1150, 1750, 3500 RPM

Materials of Construction

- \rightarrow Cast Iron pump and bearing housings
- → Optional bronze impeller
- \rightarrow Bronze sleeve bearings –grease lubricated
- \rightarrow Double sealed ball thrust bearing
- → Galvanized column legs, pipe, and floor plate

Vertical Sewage Pumps

Series 2100, 2200



Application

- → Passes sewage/solids up to 4" diameter for use in sanitary, wastewater, effluent process fluids
- \rightarrow Vaults and pits, stormwater/runoff, flood.

Max. Flow

875 GPM

- Max. Head
- 130 feet

Features & Benefits

- → Column style sewage/solids handling pumps in 2–6" discharge
- \rightarrow 2ft 16ft build lengths
- \rightarrow Flexible coupled
- → Customizable construction
- → NEMA C-Face TEFC Motor
- → Heavy Duty Rugged Cast Iron pump and
- bearing housings
- $\rightarrow\,$ Precision machined and polished shaft

Technical Data

- $\rightarrow \frac{1}{2}$ -30HP 50/60hz
- → 1 & 3 phase 115/208-230/460/575 volts
- → 1150/1750 RPM

Materials of Construction

- → Cast Iron pump and bearing housings
- → Optional bronze impeller
- \rightarrow Bronze sleeve bearings –grease lubricated
- \rightarrow Double sealed ball thrust bearing
- → Galvanized column legs, pipe, and floor plate







Vertical Grinder Pumps

Series 2100



Application

→ Residential sewage basins, commercial and industrial sewage pit, underground vaults, process water with debris

Max. Flow

90 GPM

Max. Head

34 feet

Features & Benefits

- → Column style sewage/solids grinder pump -2" discharge
- → Reduces sewage solids and debris to 3/8" diameter or less
- → Long life stainless steel cutting components hardened to Rockwell 58C

Technical Data

→ ½-5HP 60/60hz

→ 1750-3500RPM

→ 1 & 3 phase 115-208-230/460/575 Volt

Materials of Construction

- → Cast Iron pump and bearing housings
- \rightarrow Optional bronze impeller
- \rightarrow Bronze sleeve bearings –grease lubricated
- → Double sealed ball thrust bearing
- \rightarrow Galvanized column legs, pipe, and floor plate
- → 440C Stainless Steel Grinder/Cutter components

Vertical Stainless Pumps

Series 1200S, 1300S, 2100S



Application

→ Leachate Drainage, brackish water, hospital sumps, laboratory waste, chemical process/ waste

Max. Flow

110 feet

425 GPM Max. Head

Features & Benefits

- → Column Style 316SS Sump/Sewage/Grinder pumps in 1.25-3" discharge
- → Heavy duty grade 316SS cast components to withstand wet and corrosive environments
- \rightarrow NEMA C Face TEFC motor

Technical Data

- → ½-6HP 50-60hz
- → 1 & 3 phase 115/208-230/460/575 Volts
- → 1150, 1750, 3500 RPM

Materials of Construction

- \rightarrow 316SS cast pump and bearing housings
- → Graphite sleeve bearings
- → 316SS column legs and discharge pipe
- → Galvanized floor plates

Vertical Condensate Pumps

Series 4500



Application

→ Hot water condensate (210°F), cold water condensate, moderate acidic or alkaline process water, grease free pits

Max. Flow

600 GPM

Max. Head

175 feet

Features & Benefits

- → Column style clear condensate water pump in 1.5-3" discharge
- → Stainless steel shaft, bronze impeller, and graphite sleeve bearings able to withstand high temperatures and slightly corrosive environments
- → NEMA C Face TEFC motor

Technical Data

- → ½-5HP 50/60hz
- → 1 & 3 phase 115/208-230/460/575 Volts
- → 1150, 1750, 3500 RPM Motor

Materials of Construction

- → 416 Stainless Steel shaft
- → Graphite sleeve bearings
- \rightarrow Bronze enclosed impeller
- → Heavy duty rugged cast pump housings/ bearings





Dry Well Wastewater Pumps

Series 2800



Application

 \rightarrow Above ground tank with pipe connection, clear or grey water collection tanks, sewage and solids tanks, where pump and motor must be easily visible and accessible

Max. Flow

1,300 GPM

Max. Head

185 feet

Features & Benefits

- \rightarrow Close coupled end suction sump/sewage pumps
- → Close coupled back pullout design, horizontal or vertical mount, sump sewage and grinder models

Technical Data

- → NEMA JM frame TEFC motor
- → ANSI flange and NPT connections
- → 2-4" discharge
- → ¾-10HP 50/60hz
- → 1 & 3 phase, 115-208-230/460/575 Volt
- → Type 21 mechanical seal

Materials of Construction

- \rightarrow Cast iron pump construction
- → Bronze and stainless steel options
- \rightarrow Bronze or SS shaft sleeve
- \rightarrow Buna mechanical seal and O-rings

Dry Well Grinder Pumps

Series 2800



Application

 \rightarrow Above ground tank with pipe connection, clear or grey water collection tanks, sewage and solids tanks, where pump and motor must be easily visible and accessible

Max. Head

135 feet

Features & Benefits

- \rightarrow Close coupled end suction grinder pump 2" discharge
- → Close coupled back pullout design, horizontal or vertical mount, sump sewage and grinder models

Technical Data

- → Nema JM Frame TEFC motor
- → 1-7.5HP 50/60hz
- → 1750, 3500 RPM
- \rightarrow 1 & 3 phase 115/208-230/460/575 Volt
- → Type 21 mechanical seal

Materials of Construction

- \rightarrow Cast iron pump construction
- → Bronze and stainless steel options
- → Bronze or SS shaft sleeve
- \rightarrow Buna mechanical seal and o-rings
- → 440C Stainless Steel Grinder/Cutter components

Pump Accessories

Series 2600

Application

 \rightarrow Sump and sewage pit, fiberglass basins, concrete vault

Max. Flow

120 GPM

Max. Head

120 feet

Features & Benefits

- → Quick removal systems and accessories
- $\rightarrow\,$ Facilitate the installation and removal of submersible sump, sewage, grinder, and vortex pumps

Technical Data

- $\rightarrow\,$ Simplex and Duplex sub base plate
- \rightarrow Simplex and duplex floor elbows and sliding brackets
- → Floor elbow and flange kits

Materials of Construction

- \rightarrow Cast iron standard,
- → Bronze sliding brackets –optional
- → 316 stainless systems-optional cast

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660 GPM

Weil Packaged Systems





Packaged Systems

Series 2640

Includes:

- Basin
- Basin cover
- Sub base
- Removal system
- Pumps
- Valves
- Piping
- Floats
- Junction box
- Control panel

Application

- \rightarrow Below ground sump and sewage pits
- → Below cover or through-cover designs

160 GPM

Max. Head

2,000 feet

Features & Benefits

- → Fiberglass basin package systems with pumps, valves, piping, and cover
- → Thick walled basin with anti float flange and lift lugs
- → Studded for quick remove systems
- \rightarrow Discharge coupling plates

Technical Data

- \rightarrow Through sidewall bolted plates for discharge and electrical cables
- → Oversized anti-float plate

Materials of Construction

- → Fiberglass basin
- → Galvanized piping
- → Cast iron valve assembly
- → Aluminum or steel cover



Booster Systems

Series 5000 - Vertical Multistage & Horizontal End Suction.



Application

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

Max. Flow

2,100 USGPM

Max. Head

600 feet

Features & Benefits

- → Real-time diagnostics and remote monitoring
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- \rightarrow Onboard MODbus and optional BACnet and LONworks interface
- → Variable speed control per pump
- → Adjustable low pressure cut-out
- → Balanced run time for all pumps

Technical Data

- \rightarrow Certified to NSF/ANSI 372 & 61
- \rightarrow Temp Range 4°F to 248°F (-15°C to 120°C) → Electrical Connections: 3~208-
- 230/460/575v
- → Rated Pressure: 232 PSI or 363 PSI
- → Flange Connection: 300 class ANSI
- → TEFC motors standard

Materials of Construction

- → All 304 Stainless Steel Construction
- → EPDM/FKM Elastomers
- → Mechanical Seal Options
- → Tungsten Carbide/EPDM, or optional Viton®/ **FKM Mechanical Seal**

Oil Smart Systems

Series 8400



→ Elevator pits, containment sites, transformer pits

Max. Flow

130 USGPM

Max. Head

87 feet

Features & Benefits

- → Submersible pump, oil sensor, and alarm package
- \rightarrow Single seal submersible floor mount pump

39

Weil Pump

- → Piggyback and direct control designs
- → Conductive pump control sensor
- → Conductive oil alarm sensor

Technical Data

- \rightarrow 1 & 3 phase
- → 115/208-230/460 volt
- → 1750 and 3500 RPM pumps
- → Simplex and duplex designs

Materials of Construction

- → Cast iron pump
- → Type 4 plastic control box
- → SOOW Cables

Application



Weil Condensate Return Systems -**Turbine Pumps**

Series 4100

Application

system

Max. Flow

Max. Head 90 feet

35 GPM

 \rightarrow Simplex or duplex

Features & Benefits

pump and control

 \rightarrow Simple pump pull out design



→ Cold and hot water condensate recovery

→ Condensate return system includes tank,

→ Close tolerance regenerative turbine pump

H[ft] Weil Condensate Return System Centrifugal – 3450 RPM 160 140 120 100

Weil Condensate Return Systems -

Centrifugal Pumps

Series 4200

1¼' 80 60 40 1 20 0 0 20 40 60 80 100 Q[GPM]

Application

- → Cold and hot water condensate recovery system

Max. Flow

115 GPM

- pump, & control
- → End suction centrifugal close coupled pump
- desian
- → Mechanical alternator

Technical Data

- \rightarrow 1 & 3 phase 50/60 hz
- → 115/208-230/460/575 volt
- → 3500 RPM

Materials of Construction

- → Steel receiver
- → Cast iron pumps
- → Stainless steel float

Application

→ Controls pumps used in sump and sewage pumping application

Features & Benefits

- \rightarrow Smart control panels to operate from 1-4 pumps
- \rightarrow PLC technology, transducer capable, failsafe circuits, advanced communications

Technical Data

- \rightarrow 1 & 3 phase, 50–60 hz
- → 115/208-230/460/575 volt
- → UL 508 and UL 698 listed

Materials of Construction

- \rightarrow Steel and coated
- → Fiberglass, stainless steel

- \rightarrow 1 & 3 phase 50/60 hz → 115/208-230/460/575 volt
 - \rightarrow 1750 RPM

Materials of Construction

→ Steel receiver

Technical Data

- → Cast iron pumps/bronze option
- → Stainless steel float



Weil Control Panels - PLC

Series 8100

40

 \rightarrow Simplex or duplex

150 feet

Features & Benefits

- Max. Head

 \rightarrow Condensate return system includes tank,



Weil Control Panels – Electromechanical

Series 8100

Application

- $\rightarrow\,$ Turns pumps on & off via level controls,
- → Status indicators, fault indicators for alarm conditions, audible alarms

Features & Benefits

- \rightarrow Control panels to operate from 1 to 4 pumps
- → Controls pumps used in sump and sewage pumping applications.

Technical Data

- \rightarrow 1 & 3 phase, 50 & 60 hz
- → 115/208-230/460/575 volts
- $\rightarrow\,$ UL 508 and UL 698 listed

Materials of Construction

- → Steel and coated
- \rightarrow Fiberglass, stainless steel

Weil Level Controls, Junction Boxes, and Alarms

Series 8200, 8300

Application

→ Clear water pits, sewage pits, ss models for corrosive pits

Features & Benefits

- \rightarrow High quality sealed housings that ensure trouble free operation
- $\rightarrow\,$ Variable BUNA power cable

Technical Data

- $\rightarrow\,$ 115 volt typical, DC for ISR applications
- $\rightarrow\,$ Pilot duty and full HP models

Materials of Construction

- → Housing: plastic, delrin, ABS, stainless steel
- → Buna power cable and seals

Technical Data

 \rightarrow Up to 78" OD, 3/8" or ½" thick steel

Materials of Construction

- → Zinc plated floor plates and flanges, rubber gaskets
- → Steel, Zinc dichromate plated steel, BUNA rubber, Gastight sealant

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Weil Basin Covers, Floor Plates, Curb Rings and Frames

Series 8800

Application

- → Round basins for vertical or submersible pumping applications
- → Square basins for vertical or submersible pumping applications

Features & Benefits

→ Thick steel cover with flange kits, float plates, and cable plates



THE FUTURE IS CONNECTED.







10-A-001-0519

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