

xylem
Let's Solve Water



Wastewater Playbook

 **GOULDS**
WATER TECHNOLOGY
a xylem brand

CONTENTS

WASTEWATER PLAYBOOK

01 SUMP PUMPS

06

ST	08
LSP	10
GSP	12

02 EFFLUENT PUMPS

14

3871	16
GSP	18
LEP07	20
PE	22
3885	24
2ED	26

03 SEWAGE PUMPS

28

PS	30
3886	32
3887	34
3888 D3/D4	36
2WD/3WD	38
3SD	40
3SDX	42
4NS	44
4SD	46
4SDX	48
4XD	50
3872	52
VTX	54
GVF	56
GFK	58

04 GRINDER PUMPS

60

RGS	62
1GD	64
1GA/2 GA	66
AGS	68
Retrofit Kit	70

05 PACKAGED SYSTEMS

72

SDS1	74
SDS-GSP	76
GWP	78
RGS	80

06 SPECIALTY PUMPS

82

High-Temp Sump	84
1DW	86
2DW	88
20AE	90
Blaster	92

07 ACCESSORIES

94

Basins	95
Elevator Sump Kits & Components	95
Panels	96
Alarm Devices	98
Battery Backup System	99

INTRODUCTION

Goulds Water Technology has gathered data on our entire line of wastewater products, as well as the wastewater products of our direct competitors, to create this comprehensive "Wastewater Playbook."

It identifies the key differences between comparable products, and allows you to quickly relate to your customers how Goulds Water Technology wastewater products are superior.

THIS DOCUMENT WILL HELP YOU TO:

1. Identify the key differentiators between Goulds Water Technology wastewater products and those of our competitors. There is a difference between our company and products and those of our competitors. You must be informed and able to address both.
2. Express the overall value of Goulds Water Technology wastewater products, and look up the value for each of the individual products. You should be able to clearly communicate why a prospect should buy from us instead of a competitor.

The contents within this document are confidential and are to be viewed and used internally only. This document should not be viewed or distributed outside of Xylem.

WASTEWATER. SOLVED.

Residential wastewater is no longer a problem with our full range of quality products and outstanding support.

A BROAD RANGE OF PRODUCTS

We design and manufacture an extensive assortment of wastewater products to meet all of an installer's needs. What's more, each of those products includes a wide breadth of line.

SUPERIOR SEAL STRENGTH

Our effluent and sewage pumps use a silicon carbide seal, which has more tensile strength and a higher temperature range than the generic carbon ceramic seal that our competitors use.

MEMBER REWARDS

We provide an assortment of opportunities to earn rewards, increase referrals and access specialized training through our Gould's Professional Dealers Association.

MADE IN THE USA

We produce a complete line of wastewater pumps and accessories, all engineered, assembled and tested in the United States.

MORE THAN 6,000 LOYAL INDEPENDENTS

We only sell through professional independent dealers, while our competitors sell through retail or big box stores.

A WIDE RANGE OF HORSEPOWER

Installers never have to worry about finding the perfect pump, thanks to the full range of wastewater options from Goulds Water Technology.

Superior Seal Strength Comes Standard on All of Our Products

The most vulnerable part in a pump is the mechanical seal. Wastewater applications expose it to fine solids suspended in the liquid that passes through the pump. In order to insure the longest life possible, all of Goulds Water Technology's premium wastewater pumps have mechanical seals with hard sealing faces.

Every seal manufacturer agrees that silicon carbide is the best material for this job. Both the stationary and rotating faces of our seals are constructed of sintered, chemical grade silicon carbide. This is the toughest, most reliable mechanical seal face combination, ideal for the demanding wastewater environment.

PUMP MODELS	SIZE P/N	SEAL TYPE	STATIONARY FACE MATERIAL	ROTARY FACE MATERIAL	METAL COMPONENTS
3885, 3886 & 3887 1/3-1 HP: 2ED, 2WD & 3WD (outer)	5/8" 10K120	6 or 16	Silicon carbide (sintered chemical grade)	Silicon carbide (sintered chemical grade)	300 Series SS
2 HP: 3885 & 3887 1-1/2 HP: 3887 RGS	3/4" 10K119	6 or 16			
3888, 3SD, 4SD & 1GD (outer)	1-1/8" 10K28	21			
4NS & 4XD (outer)	1-3/8" 10K83	21	Tungsten carbide (optional)	Silicon carbide	

OPTIONAL SEAL TUNGSTEN CARBIDE/SILICON CARBIDE/SS/BUNA		
10K122	5/8" shaft dia.	3885, 3886 & 3887
10K123	3/4" shaft dia.	RGS 1-1/2 HP: 3887 2 HP: 3885, 3887, 3888, 3SD & 4SD
10K22	1-1/8" shaft dia.	388, 3SD & 4SD

INNER SEAL (DUAL SEAL MODELS) CARBON/CERAMIC/SS/BUNA		
10K121	5/8" shaft dia.	2ED, 2WD & 3WD
10K21	1-1/8" shaft dia.	3888, 3SD & 4SD



SUMP PUMPS



Sump Pump Overview

Goulds Water Technology offers a variety of automatic and manual sump pump models, with motors rated for continuous duty. All are constructed of corrosion resistant hardware for lifetime use.

Materials of Construction

- Cast iron
- Engineered composites
- Stainless steel

Performance Range

- Up To 110 GPM
- 1/3 to 1-1/2 HP
- Single phase and three phase
- Maximum head: 66'
- Discharge size: 1-1/2" NPT and 2" hose

Sump Pumps: Good

ST

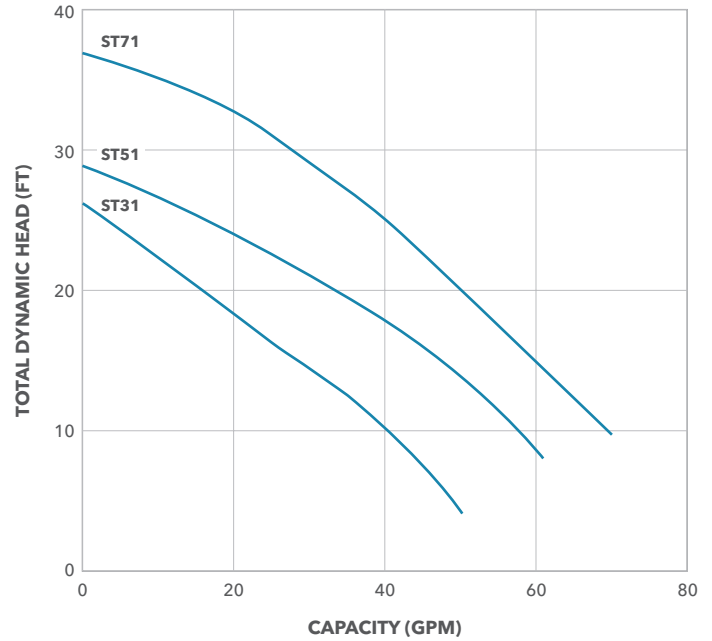
The ST's solid, one-piece, cast iron housing and motor dome make it ideal for a variety of applications, including basement draining, dewatering, water transfer and effluent transfer.

Features & Benefits

- Cast iron body and corrosion-resistant construction for durability
- Thermoplastic impeller and volute
- Upper sleeve and lower heavy-duty ball bearing construction
- Motor is permanently lubricated for extended service life, and is powered for continuous operation
- All ratings are within the working limits of the motor
- Mechanical seal made of carbon, ceramic, BUNA and stainless steel
- Heavy-duty 16/3 SJTW with 115V grounding plug and vertical switch
- Stainless steel fasteners
- Complete unit is heavy-duty, portable and compact

Key Differentiators

- Extended warranty for members
- Unitized construction
- Vent hole
- Widest horsepower range



	GOULDS ST Series	MYERS MC10 Series	ZOELLER 95 Series	LITTLE GIANT 6EN Series	LIBERTY 250 Series
HP	1/3, 1/2 & 3/4 	1/3 & 1/2 	1/2 	1/3 	1/3 
VOLTAGE	115	115	115	115 & 230	115
SOLIDS HANDLING	1/2"	1/2"	1/2"	1/2"	1/2"
VENT HOLE	Included 	Not included 	Not included 	Not included 	Included 
IMPELLER	Thermoplastic vortex	Thermoplastic semi-recessed vortex	Thermoplastic non-clogging vortex	Nylon vortex	Polymer vortex
EXTERIOR	Unitized cast iron 	Cast iron 	Cast iron 	Cast iron (epoxy-coated) 	Unitized cast iron 
MECHANICAL SEAL	Carbon ceramic	Carbon ceramic	Carbon ceramic	Nitrile with carbon & ceramic faces	Carbon ceramic (unitized)
WARRANTY	2 years (3 years for GPDA members)	3 years	5 years	3 years	3 years

Sump Pumps: Better

LSP

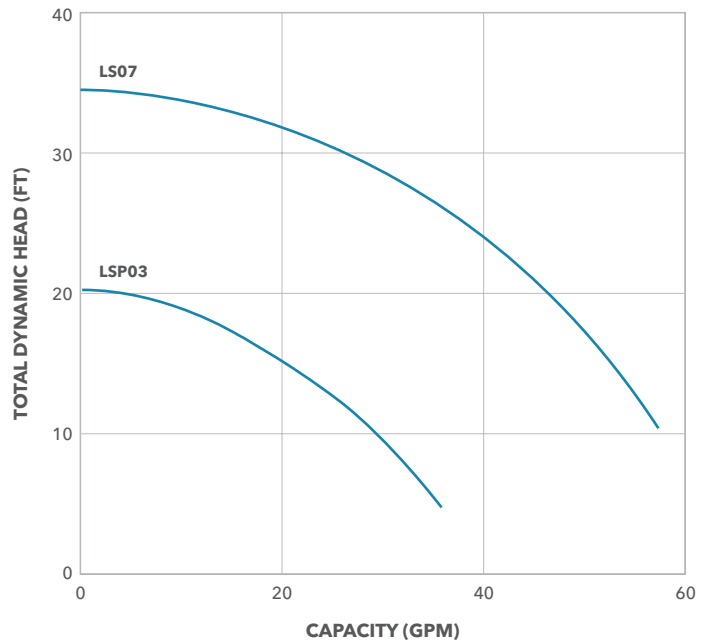
The LSP features stainless steel construction. Its screened suction allows the pump to be used in applications where larger solids may be present; these will be blocked before reaching the impeller. Manual and automatic versions are available with vertical float or wide angle float configurations. Applications include basement draining, dewatering and water transfer.

Features & Benefits

- Corrosion-resistant construction, and a steel motor casing and fasteners, to insure durability
- Glass-filled thermoplastic impeller and casing
- Upper and lower heavy-duty ball bearing construction
- Motor is permanently lubricated for extended service life, and is powered for continuous operation
- All ratings are within the working limits of the motor
- Hard coated 400 series stainless steel shaft for improved corrosion resistance
- Adjustable float switch for various liquid levels, which is easily removed for direct pump operation or switch replacement
- 3 lip seals, a V-ring and an impeller counter blade system, which keeps solid particles away from the seal unit
- Double labyrinth lip seal system to protect the motor
- Complete unit is lightweight, portable and easy to service
- Available in manual and automatic versions

Key Differentiators

- Extended warranty for members
- Includes counter-blade system
- Includes V-ring
- Suitable for chicken coop applications



	GOULDS LSP Series	MYERS DS Series	ZOELLER 98 Series	LITTLE GIANT 10EC Series	LIBERTY 450 Series
HP	1/3 & 1/4	1/3 & 1/2	1/2	1/3	1/3
VOLTAGE	115 & 230	115	115	115 & 230	115
SOLIDS HANDLING	3/8"	1/2"	1/2"	1/2"	1/2"
COUNTER- BLADE SYSTEM	Included ●	Not included ●	Not included ●	Not included ●	Not included ●
V-RING	Included ●	Not included ●	Not included ●	Not included ●	Not included ●
IMPELLER	Glass-filled thermoplastic counter blade	Thermoplastic non-clogging	Thermoplastic non-clogging vortex	Nylon flex-vane	Polymer vortex
EXTERIOR	Stainless steel ●	Stainless steel ●	Cast iron ●	Cast iron ●	Polypropylene & aluminum ●
MECHANICAL SEAL	Double labyrinth	Dual lip with ceramic seal	Carbon ceramic	Nitrile with carbon & ceramic faces	BUNA-N & stainless steel
WARRANTY	2 years (3 years for GPDA members)	2 years	3 years	3 years	3 years

Sump Pumps: Best

GSP (1/3 & 1/2 HP)

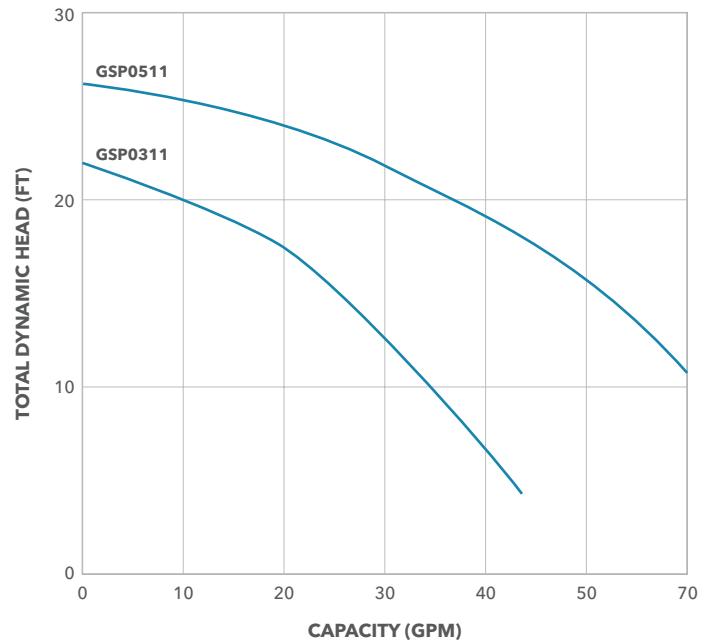
Featuring a robust cast iron housing, the GSP is the most durable cast iron sump pump on the market, with a longer working life than comparable pumps. It's available in auto and manual versions, to accommodate various applications. The GSP is ideal for sump, small basin and effluent installations.
















Features & Benefits

- Reliable mechanical switch, coupled with a solid float, for dependable performance
- Cast iron motor housing, which allows for optimal heat dissipation
- Premium mechanical seal design, to provide superior protection against sand and abrasive damage (silicon carbide/carbon/BUNA)
- Motor engineered to provide peak hydraulic performance without overloading
- Suction strainer that encompasses the entire base, to reduce debris entry
- Corrosion resistant hardware for durability
- Approved for residential use (CSA/CUS listed)

Key Differentiators

- Extended warranty for members
- Superior seal quality



	GOULDS GSP Series	MYERS MC10 Series	ZOELLER M53 Series	LITTLE GIANT 6EN Series	LIBERTY 250 Series
HP	1/3 & 1/2 	1/3 & 1/2 	1/3 & 1/2 	1/3 	1/3 
VOLTAGE	115	115	115	115 & 230	115
SOLIDS HANDLING	1/2" 	1/2" 	3/8" 	1/2" 	1/2" 
IMPELLER	Thermoplastic vortex	Thermoplastic semi-recessed vortex	Thermoplastic non-clogging vortex	Nylon vortex	Polymer vortex
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron (epoxy-coated)	Cast body (one piece)
MECHANICAL SEAL	Silicon carbide/carbon 	Carbon ceramic 	Carbon ceramic 	Nitrile with carbon & ceramic faces 	Carbon ceramic (unitized) 
WARRANTY	2 years (3 years for GPDA members)	3 years	3 years	3 years	3 years



2

EFFLUENT PUMPS



Effluent Pump Overview

Goulds Water Technology produces an assortment of effluent pumps with motors rated for continuous duty. Silicon carbide mechanical seal faces are available for most models, and all include an extended warranty for GPDA members.

Materials of Construction

- Cast iron
- Engineered composites
- Stainless steel

Performance Range

- Up to 130 GPM
- 1/3 to 2 HP
- Single phase and three phase
- Maximum head: 240'
- Discharge size: 1/2" and 2" NPT

Effluent Pumps: Good

3871 (EP04 & EP05)

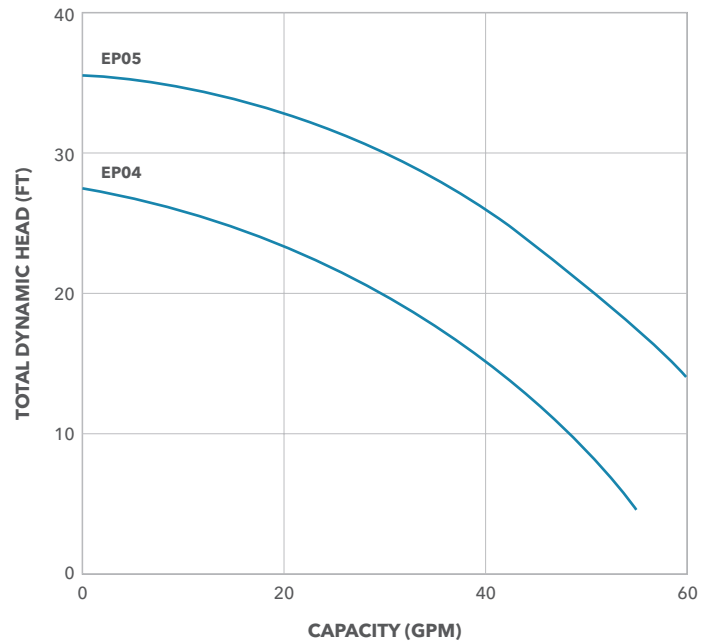
The 3871 can handle solids up to 3/4". It features a durable thermoplastic base and motor cover. It's ideal for applications in homes and on farms, such as effluent systems, heavy-duty sump, water transfer and dewatering.





















Features & Benefits

- EP04 Impeller, featuring a thermoplastic semi-open design with pump-out vanes for mechanical seal protection
- EP05 Impeller, featuring a thermoplastic enclosed design for improved performance
- Rugged thermoplastic casing and base, to provide superior strength and corrosion resistance
- Cast iron motor housing for efficient heat transfer, strength and durability
- Thermoplastic motor cover with integral handle and float switch attachment points
- Severe-duty rated power cable that's resistant to oil and water
- Upper and lower heavy-duty ball bearing construction
- Capable of running dry without damaging the components

Key Differentiators

- Extended warranty for members
- Superior impeller type
- Upper and lower heavy duty ball bearings



	GOULDS 3871 Series	MYERS ME40/45 Series	ZOELLER 98 Series	LITTLE GIANT 9EN Series	LIBERTY 280/290 Series
HP	4/10 & 1/2	4/10 & 1/2	1/2	4/10	1/2 & 3/4
VOLTAGE	115 & 230	115 & 230	115 & 230	115 & 208-230	115 & 208-230
SOLIDS HANDLING	3/4" 	3/4" 	1/2" 	3/4" 	3/4" 
IMPELLER	Thermoplastic with pump-out vanes (0.4 HP = semi-open) (0.5 HP = enclosed) 	Thermoplastic two-vane semi open 	Thermoplastic non-clogging vortex 	Thermoplastic non-clogging 	Thermoplastic semi-open 
EXTERIOR	Cast iron/thermoplastic	Cast iron	Cast iron	Cast iron (epoxy-coated)	Cast body
MECHANICAL SEAL	Carbon ceramic 	Carbon ceramic 	Carbon ceramic 	Nitrile with carbon & ceramic faces 	Carbon ceramic (unitized) 
WARRANTY	2 years (3 years for GPDA members) 	3 years 	3 years 	3 years 	3 years 

Effluent Pumps: Good

GSP (1/3 & 1/2 HP)

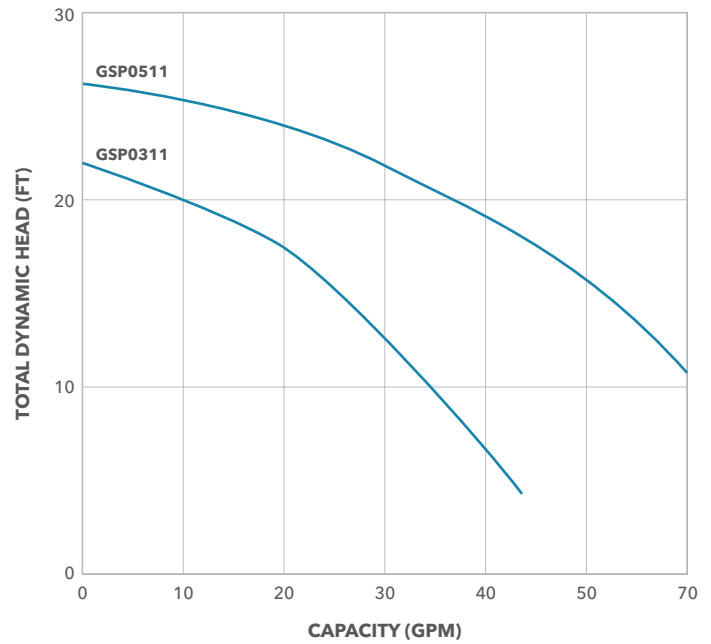
Featuring a robust cast iron housing, the GSP is the most durable cast iron sump pump on the market, with a longer working life than comparable pumps. It's available in auto and manual versions, to accommodate various applications. The GSP is ideal for sump, small basin and effluent installations.
















Features & Benefits

- Reliable mechanical switch, coupled with a solid float, for dependable performance
- Cast iron motor housing, which allows for optimal heat dissipation
- Premium mechanical seal design, to provide superior protection against sand and abrasive damage (silicon carbide/carbon/BUNA)
- Motor engineered to provide peak hydraulic performance without overloading
- Suction strainer that encompasses the entire base, to reduce debris entry
- Corrosion resistant hardware for durability
- Approved for residential use (CSA/CUS listed)

Key Differentiators

- Extended warranty for members
- Superior seal quality



	GOULDS GSP Series	MYERS MC10 Series	ZOELLER 50 Series	LITTLE GIANT 6EN Series	LIBERTY 250 Series
HP	1/3 & 1/2 	1/3 & 1/2 	1/3 	1/3 	1/3 
VOLTAGE	115	115	115 & 230	115 & 230	115
SOLIDS HANDLING	1/2"	1/2"	1/2"	1/2"	1/2"
IMPELLER	Thermoplastic vortex	Thermoplastic semi-recessed vortex	Thermoplastic non-clogging vortex or cast iron/bronze	Nylon vortex	Polymer vortex
EXTERIOR	Cast iron	Cast iron	Cast iron (or bronze)	Cast iron (epoxy-coated)	Cast body (one piece)
MECHANICAL SEAL	Silicon carbide/carbon 	Carbon ceramic 	Carbon ceramic 	Nitrile with carbon & ceramic faces 	Carbon ceramic (unitized) 
WARRANTY	2 years (3 years for GPDA members) 	3 years 	3 years 	3 years 	3 years 

Effluent Pumps: Good

LEP07

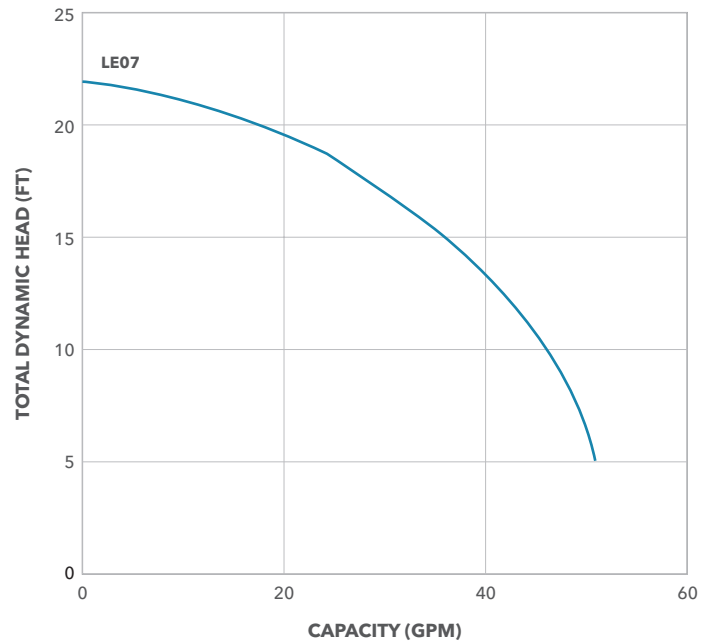
The LEP07 features stainless steel construction, and can handle solids up to 3/4". It includes a built-in wide angle or piggyback wide angle float. Manual versions are available. It's ideal for effluent systems, heavy-duty sump, water transfer and dewatering.





















Features & Benefits

- Corrosion-resistant construction, and a steel motor casing and fasteners, to insure durability
- Glass-filled thermoplastic impeller and casing
- Upper and lower heavy-duty ball bearing construction
- Motor is permanently lubricated for extended service life, and is powered for continuous operation
- All ratings are within the working limits of the motor
- Hard coated 400 series stainless steel shaft for improved corrosion resistance
- Optional float switch, adjustable for various liquid levels, and easily removed for direct pump operation or switch replacement
- Complete unit is lightweight and portable

Key Differentiators

- Extended warranty for members
- Superior seal quality



	GOULDS LEP07 Series	MYERS DE Series	ZOELLER 140 Series	LITTLE GIANT BE Series	LIBERTY 290 Series
HP	3/4	4/10 & 1/2	3/4 & 1	1/2 & 3/4	3/4
VOLTAGE	115 & 230	115 & 230	115 & 230	115 & 230	115 & 208-230
SOLIDS HANDLING	3/4"	1-1/2"	3/4"	1/4"	3/4"
MOTOR LUBRICATION	Permanent 	Extended 	Standard 	Standard 	Permanent 
IMPELLER	Glass-filled thermoplastic vortex 	Stainless steel self-cleaning 	Thermoplastic single vane or non-clogging vortex 	Cast iron semi-open 	Polymer vortex 
EXTERIOR	Stainless steel	Stainless steel	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Silicon carbide 	Double-lip seal with ceramic wear surface 	Carbon ceramic 	Carbon ceramic 	Carbon ceramic (unitized) 
WARRANTY	2 years (3 years for GPDA members) 	2 years 	1 year 	3 years 	3 years 

Effluent Pumps: Better

PE

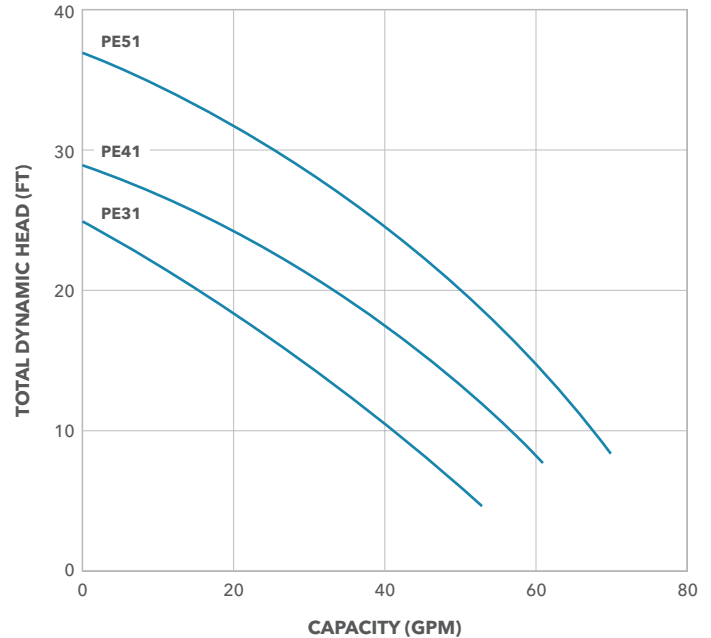
The PE has a complete cast iron body and a thermoplastic vortex impeller. Auto and manual configurations are available. Applications include mound systems, effluent and dosing systems, low pressure pipe systems, basement draining, and heavy-duty sump and dewatering.

Features & Benefits

- Corrosion resistant construction and a cast iron body for durability
- Thermoplastic impeller and cover
- Upper sleeve and lower heavy-duty ball bearing construction
- Motor is permanently lubricated for extended service life, and is powered for continuous operation
- All ratings are within the working limits of the motor
- Mechanical seal made of carbon, ceramic, BUNA and stainless steels
- Quick disconnect power cord, 20' standard length, heavy-duty 16/3 SJTW with NEMA 5-15P, three prong, 115V grounding plug
- Stainless steel fasteners
- Complete unit is heavy-duty, portable and compact

Key Differentiators

- Extended warranty for members
- Widest range of horsepower options



	GOULDS PE Series	MYERS ME40/45 Series	ZOELLER 150 Series	LITTLE GIANT 10EN Series	LIBERTY 280/290 Series
HP	1/3, 4/10 & 1/2 ●	4/10 & 1/2 ●	1/3 & 1/2 ●	1/2 ●	1/2 & 3/4 ●
VOLTAGE	115 & 230	115 & 230	115 & 230	115	115 & 208-230
SOLIDS HANDLING	1/2"	3/4"	3/8"	1/2"	3/4"
CORD TYPE	Quick disconnection ●	Standard disconnection ●	Standard disconnection ●	Standard disconnection ●	Quick disconnection ●
IMPELLER	Thermoplastic semi-open	Thermoplastic two-vane enclosed	Thermoplastic non-clogging vortex	Nylon vortex	Thermoplastic vortex
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast bronze	Cast iron
MECHANICAL SEAL	Carbon ceramic & stainless steel/BUNA ●	Carbon ceramic or tandem ●	Carbon ceramic ●	Nitrile with carbon & ceramic faces ●	Carbon ceramic (unitized) ●
WARRANTY	2 years (3 years for GPDA members) ●	3 years ●	3 years ●	3 years ●	3 years ●

Effluent Pumps: Best

3885 (WE)

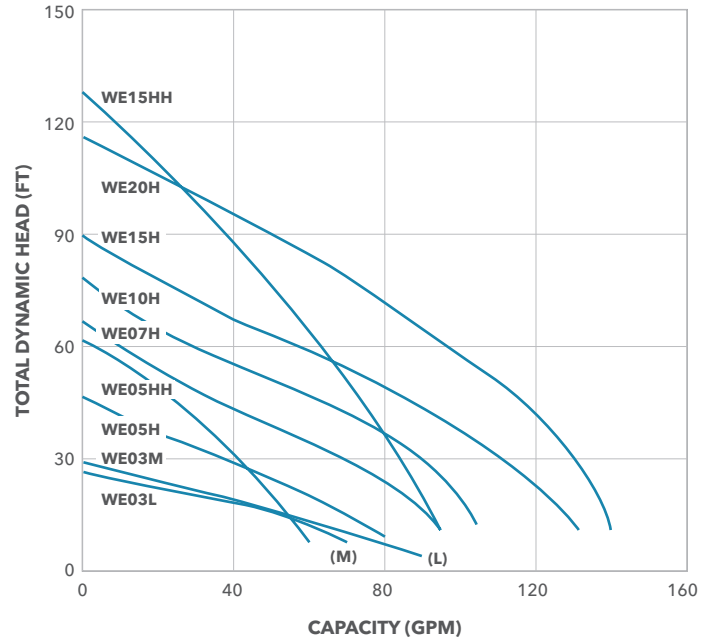
The 3885 (WE) features a sturdy cast iron housing, base and impeller. It can handle solids up to 3/4", the effluent industry standard. Its premium mechanical seal reduces maintenance needs, and its oil-filled motor housing provides superior cooling. It's ideal for effluent systems on farms, and in trailer courts, motels, schools and hospitals.










Features & Benefits

- Cast iron, semi-open, non-clogging impeller with pump-out vanes for mechanical seal protection, and balanced for smooth operation (an optional silicon bronze impeller is available)
- Cast iron volute type casing for maximum efficiency
- Mechanical seal with silicon carbide vs. silicon carbide sealing faces
- Corrosion-resistant, stainless steel shaft with a threaded design
- Locknut to guard against component damage on accidental reverse rotation
- 300 series stainless steel fasteners
- Capable of running dry without damaging the components
- Designed for continuous operation when fully submerged
- Extended warranty available for residential applications

Key Differentiators

- Extended warranty for members
- Widest range of horsepower and impeller options
- Superior seal quality



	GOULDS 3885 (WE) Series	MYERS ME100 Series	ZOELLER 160 Series	LITTLE GIANT WS Series	LIBERTY FL Series
HP	1/2, 3/4, 1, 1-1/2 & 2 	1/2, 3/4, 1 & 1-1/2 	1/2, 1, 1-1/2 & 2 	1/3, 1/2 & 1 	1/2, 6/10, 3/4, 1, 1-1/2 & 2 
VOLTAGE	115, 208, 230, 460 & 575	115, 200, 230, 460 & 575	115, 200, 230, 460 & 575	115, 208-230 & 460	115, 208-230, 440-480 & 575
SOLIDS HANDLING	3/4"	3/4"	3/4"	3/4"	3/4"
IMPELLER	Cast iron semi-open non-clogging with pump-out vanes or silicon bronze 	Thermoplastic two-vane enclosed or bronze 	Thermoplastic non-clogging vortex 	Cast iron non-clogging 	Cast iron multi-vane 
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Silicon carbide 	Carbon with ceramic faces or dual tandem seals 	Carbon ceramic 	Carbon ceramic 	Carbon ceramic 
WARRANTY	2 years (3 years for GPDA members)	2 years	1 year	3 years	3 years

Effluent Pumps: Best

2ED

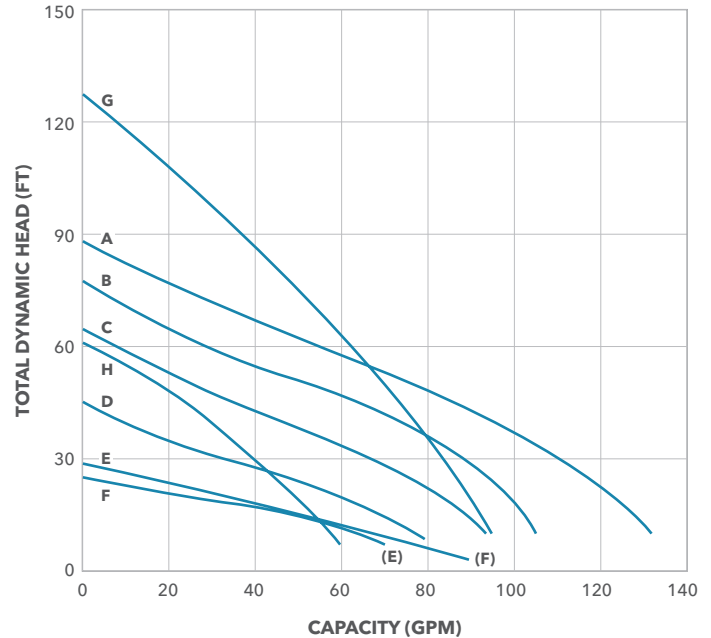
The 2ED features a sturdy cast iron housing, base and impeller. It can handle solids up to 3/4", the effluent industry standard. Its premium mechanical seal reduces maintenance needs, and its oil-filled motor housing provides superior cooling. It has an optional seal fail circuit that warns of a potential leak before the motor can be flooded. It's ideal for effluent systems on farms, and in trailer courts, motels, schools and hospitals.

Features & Benefits

- Cast iron, semi-open, non-clogging impeller with pump-out vanes for mechanical seal protection, and balanced for smooth operation (an optional silicon bronze impeller is available)
- Dual mechanical seals with stainless steel parts and BUNA-N elastomers: the lower seal has silicon carbide vs. silicon carbide sealing faces, the upper seal has carbon vs. ceramic sealing faces
- Optional seal sensor probe, located in oil-filled chamber, that indicates when there's a leak below the lower seal
- Corrosion-resistant, stainless steel shaft with a threaded design
- Locknut to guard against component damage on accidental reverse rotation
- 300 series stainless steel fasteners
- Capable of running dry without damaging the components
- Designed for continuous operation when fully submerged

Key Differentiators

- Extended warranty for members
- Widest range of voltage options
- Superior impeller material and seal quality



	GOULDS 2ED Series	MYERS ME100 Series	ZOELLER 160 Series	LITTLE GIANT WS Series	LIBERTY FL Series
HP	1/2, 3/4, 1 & 1-1/2	1/2, 3/4, 1 & 1-1/2	1/2, 1, 1-1/2 & 2	1/3, 1/2 & 1	1/2, 6/10, 3/4, 1, 1-1/2 & 2
VOLTAGE	115, 200, 208, 230, 460 & 575	115, 200, 230, 460 & 575	115, 200, 230, 460 & 575	115, 208-230 & 460	115, 208-230, 440-480 & 575
SOLIDS HANDLING	3/4"	3/4"	3/4"	3/4"	3/4"
IMPELLER	Cast iron semi-open non-clogging or bronze	Thermoplastic two-vane enclosed or bronze	Thermoplastic non-clogging vortex	Cast iron non-clogging	Cast iron multi-vane
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Upper: carbon ceramic Lower: silicon carbide	Carbon with ceramic faces or dual tandem seals	Carbon ceramic	Carbon ceramic	Carbon ceramic
WARRANTY	1 year (2 years for GPDA members)	2 years	1 year	3 years	3 years

3

SEWAGE PUMPS



Sewage Pump Overview

Goulds Water Technology manufactures a wide variety of single and double seal sewage pump models, including explosion-proof pumps. The majority of models have the option to use silicon carbide mechanical seal faces.

Materials of Construction

- Cast iron
- Stainless steel

Performance Range

- Up to 1200 GPM
- 1/2 to 40 HP
- Single phase and three phase
- Maximum head: 140'
- Discharge size: 2" and 3" NPT, and 3" and 4" flanged

Single Seal Sewage Pumps: Good

PS

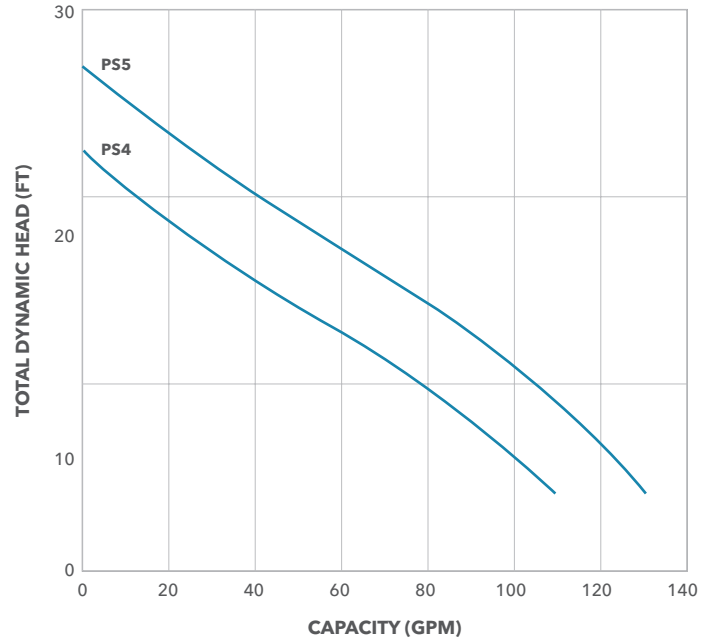
The PS has a solid, one piece, cast iron housing and motor dome. A variety of automatic configurations are available, as well as a manual version. It can be plugged into a wall or run off a panel. Applications include residential sewage systems, heavy-duty sump/dewatering and water transfer.

Features & Benefits

- Cast iron body and corrosion-resistant construction for durability
- Thermoplastic impeller and volute
- Upper sleeve and lower heavy-duty ball bearing construction
- Motor is permanently lubricated for extended service life, and powered for continuous operation
- All ratings are within the working limits of the motor.
- Mechanical seal made of carbon, ceramic, BUNA and stainless steel
- Stainless steel fasteners
- Complete unit is heavy-duty, portable and compact

Key Differentiators

- Extended warranty for members



	GOULDS PS Series	MYERS SRM4 Series	ZOELLER 211 Series	LITTLE GIANT 105N Series	LIBERTY LE40/50 Series
HP	4/10 & 1/2 ●	4/10 ●	4/10 ●	1/2 ●	4/10 & 1/2 ●
VOLTAGE	115 & 230	115 & 230	115	115 & 208-230	115 & 230
SOLIDS HANDLING	2"	2"	2"	2"	2"
FASTENERS INCLUDED	Stainless steel ●	Stainless steel ●	Not included ●	Stainless steel ●	Not included ●
IMPELLER	Thermoplastic semi-open	Recessed vortex	Thermoplastic non-clogging vortex	Thermoplastic non-clogging	Polymer vortex
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Carbon ceramic	Carbon ceramic	Carbon ceramic	Nitrile with carbon & ceramic faces	Carbon ceramic
WARRANTY	2 years ● (3 years for GPDA members)	2 years ●	3 years ●	3 years ●	3 years ●

Single Seal Sewage Pumps: Best

3886 (WS-B)

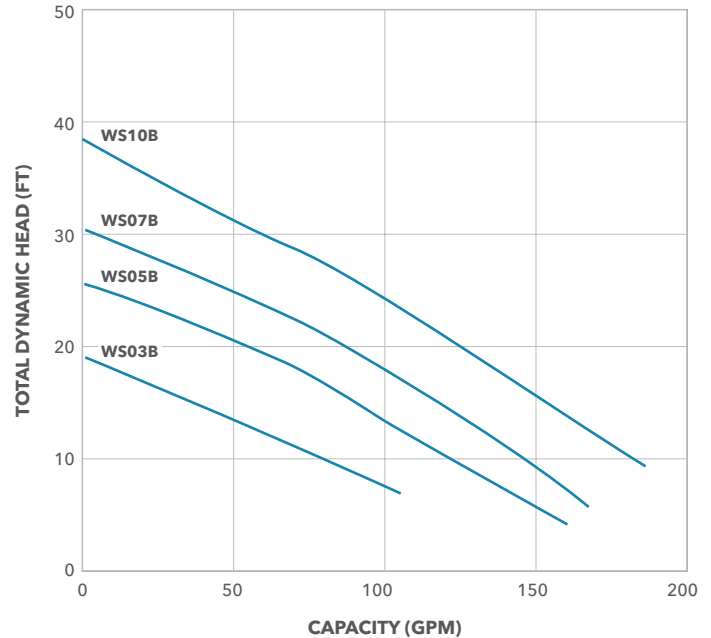
The 3886 features cast iron construction for long-lasting durability. It boasts maintenance-free operation, and has oil-filled motor housings for superior cooling. Applications include dewatering/effluent and water transfer for homes and sewage systems.
















Features & Benefits

- Cast iron, semi-open, dynamically balanced, non-clogging impeller with pump-out vanes for mechanical seal protection (an optional silicon bronze impeller is available)
- Cast iron volute type casing for maximum efficiency, which is designed for easy installation
- Mechanical seal with silicon carbide vs. silicon carbide sealing faces for superior abrasion resistance, stainless steel parts and BUNA-N elastomers
- Corrosion-resistant, stainless steel shaft with a threaded design
- Locknut to guard against component damage on accidental reverse rotation
- 300 series stainless steel fasteners
- Capable of running dry without damaging the components

Key Differentiators

- Extended warranty for members
- Highest maximum flow rate
- Balanced impeller
- Superior seal quality



	GOULDS 3886 Series	MYERS MW Series	ZOELLER 280 Series	LITTLE GIANT 16S Series	LIBERTY LE70/100 Series
HP	1/3, 1/2, 3/4 & 1 	1/2, 1, 1-1/2 & 2 	1/2 & 1 	1 	1/3 & 1 
VOLTAGE	208, 230, 460 & 575	208, 230, 460 & 575	115, 208, 230, 460 & 575	200-208, 230, 380-460 & 575	115, 208-230, 440-480 & 575
SOLIDS HANDLING	2"	2"	2"	2"	2"
MAX FLOW RATE	185 GPM 	165 GPM 	179 GPM 	160 GPM 	160 GPM 
IMPELLER	Cast iron semi-open non-clogging	Ductile iron two-vane enclosed	Cast iron non-clogging vortex	Red brass non-clogging vortex	Cast iron two-vane semi-open
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Silicon carbide 	Carbon ceramic & tungsten carbide 	Carbon ceramic 	Carbon ceramic 	Carbon ceramic 
WARRANTY	2 years (3 years for GPDA members)	3 years	1 year	3 years	3 years

Single Seal Sewage Pumps: Best

3887 (WS-BF & WS-BHF)

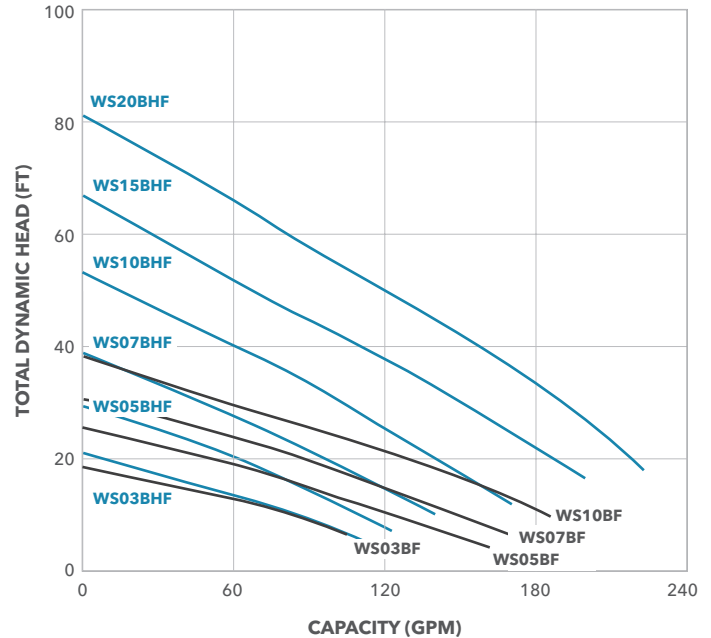
The 3886 features cast iron construction for long-lasting durability. It boasts maintenance-free operation, and has oil-filled motor housings for superior cooling. Applications include dewatering/effluent and water transfer for homes and sewage systems.

Features & Benefits

- Cast iron, semi-open, dynamically balanced, non-clogging impeller with pump-out vanes for mechanical seal protection (an optional silicon bronze impeller is available)
- Cast iron volute type casing for maximum efficiency, which is designed for easy installation
- Mechanical seal with silicon carbide vs. silicon carbide sealing faces for superior abrasion resistance, stainless steel parts and BUNA-N elastomers
- Corrosion-resistant, stainless steel shaft with a threaded design
- Locknut to guard against component damage on accidental reverse rotation
- 300 series stainless steel fasteners
- Capable of running dry without damaging the components

Key Differentiators

- Extended warranty for members
- Highest maximum flow rate
- Balanced impeller
- Superior seal quality



	GOULDS 3887 Series	MYERS MW Series	ZOELLER 280 Series	LITTLE GIANT WS Series	LIBERTY LEH100 Series
HP	1/3, 1/2, 3/4	1/2, 1, 1-1/2 & 2	1/2 & 1	1	1/3 & 1
VOLTAGE	208, 230, 460 & 575	208, 230, 460 & 575	115, 208, 230, 460 & 575	115, 208-230, 230 & 460	208-230, 230 440-480 & 575
SOLIDS HANDLING	2"	2"	2"	2"	2"
IMPELLER	Cast iron semi-open non-clogging or silicon bronze ●	Ductile iron two-vane enclosed ●	Cast iron non-clogging vortex ●	Cast iron non-clogging ●	Cast iron two-vane semi-open ●
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Silicon carbide ●	Carbon ceramic & tungsten carbide ●	Carbon ceramic ●	Carbon ceramic ●	Carbon ceramic & silicon carbide ●
WARRANTY	2 years (3 years for GPDA members)	2 years	1 year	3 years	3 years

Single Seal Sewage Pumps: Best

3888 D3/D4

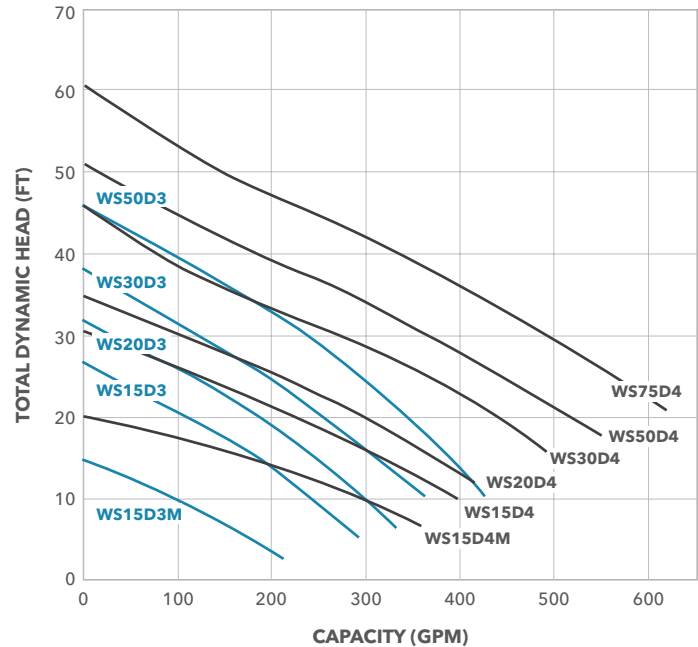
3888 D3 and 3888 D4 feature cast iron construction for long lasting durability. Their premium mechanical seals reduce the likelihood and frequency of maintenance. It has oil-filled motor housings for superior cooling. It can handle flood and pollution control, and dewatering/effluent, for sewage systems, farms, hospitals, trailer courts and motels.





















Features & Benefits

- Cast iron, two-vane, semi-open, non-clogging impeller with pump-out vanes for mechanical seal protection, and balanced for smooth operation (an optional silicon bronze impeller is available)
- Heavy-duty, gray cast iron, volute type casing with a horizontal discharge
- Dual mechanical seals with stainless steel parts and BUNA-N elastomers: the outer seal has silicon carbide vs. silicon carbide sealing faces, the inner seal has carbon vs. ceramic sealing faces
- Upper and lower shaft seals, which are positioned independently and separated by an oil-filled chamber
- 300 series stainless steel shaft with a keyed design
- 300 series stainless steel fasteners
- Capable of running dry temporarily without damage to seals or motor

Key Differentiators

- Extended warranty for members
- Superior solids handling and seal quality
- Widest range of impeller material options



	GOULDS 3888 D3/D4 Series	MYERS MSKHS Series	ZOELLER 600 Series	LITTLE GIANT 20S Series	LIBERTY 150 Series
HP	1-1/2, 2, 3, 5 & 7-1/2 	1/2, 1, 1-1/2 & 2 	1, 1-1/2, 2, 3, 5 & 7-1/2 	2 	1-1/2 
VOLTAGE	200, 230, 460 & 575	115, 208, 230, 460 & 575	200, 230, 460 & 575	200-208, 208-230, 230 & 460	208-230, 230, 440-480 & 575
SOLIDS HANDLING	3" 	2" 	2-1/2" 	2" 	2" 
IMPELLER	Cast iron two- vane semi-open non-clogging or silicon bronze 	Cast iron two-vane 	Ductile iron semi-open 	Red brass non-clogging 	Cast iron two-vane semi-open 
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Upper: carbon ceramic  Lower: silicon carbide	Carbon ceramic 	Tandem carbon & ceramic 	Carbon ceramic 	Carbon ceramic 
WARRANTY	2 years (3 years for GPDA members)	2 years	1 year	3 years	3 years

Dual Seal Sewage Pumps: Best

2WD/3WD

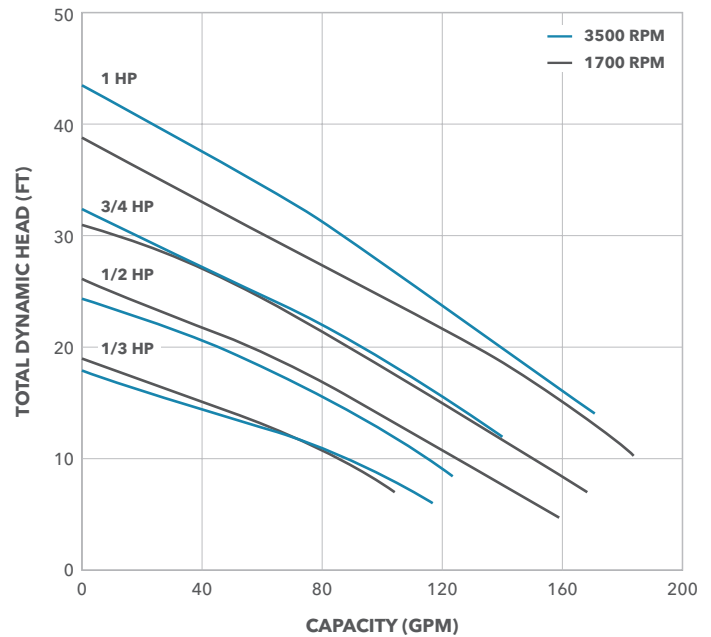
The 2WD and 3WD provide a layer of protection between the fluid being pumped and the sensitive electronics of the motor. When equipped with an optional seal fail probe and wired into a panel, the pump warns of a potential leak before severe damage occurs. Applications include water transfer and dewatering/effluent for sewage systems, light industrial and commercial applications.

Features & Benefits

- Cast iron, semi-open or enclosed, non-clogging, dynamically balanced impeller with pump-out vanes for mechanical seal protection (an optional silicon bronze impeller is available)
- Cast iron, flanged, volute type casing for maximum efficiency, and designed for easy installation on an A10-20 guide rail
- Dual mechanical seals =: the lower seal has silicon carbide vs. silicon carbide sealing faces for superior abrasion resistance, the upper seal has carbon vs. ceramic sealing faces with stainless steel parts and BUNA-N elastomers
- Optional seal sensor probe, located in oil-filled chamber, that indicates when there's a leak below the lower seal (requires an optional seal fail circuit in the control panel)
- Corrosion-resistant, 400 stainless steel shaft with a threaded design
- Locknut to guard against component damage on accidental reverse rotation
- 300 series stainless steel fasteners
- Capable of running dry without damaging the components
- Designed for continuous operation when fully submerged

Key Differentiators

- Extended warranty for members
- Widest range of horsepower and voltage options
- Superior solids handling and seal quality



	GOULDS 2WD/3WD Series	MYERS MSK Series	ZOELLER 280 Series	LITTLE GIANT WS Series	LIBERTY LE Series
HP	1/3, 1/2, 3/4 & 1 ●	1/2, 6/10, 3/4 & 1 ●	1/2 & 1 ●	1/2 & 1 ●	1/2, 3/4 & 1 ●
VOLTAGE	115, 200, 208, 230, 460 & 575 ●	208, 230, 460 & 575 ●	115, 200, 230, 460 & 575 ●	115, 208-230, 230 & 460 ●	115, 208-230, 440-480 & 575 ●
SOLIDS HANDLING	2" ●	2" ●	2" ●	2" ●	2" ●
IMPELLER	Cast iron semi-open or enclosed non-clogging or silicon bronze	Cast iron two-vane	Cast iron non-clogging vortex	Cast iron non-clogging	Cast iron two-vane semi-open
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Upper: carbon ceramic ● Lower: silicon carbide	Carbon ceramic ●	Carbon ceramic ●	Carbon ceramic ●	Carbon ceramic ●
WARRANTY	2 years (3 years for GPDA members)	3 years	1 year	3 years	3 years

Dual Seal Sewage Pumps: Best

3SD

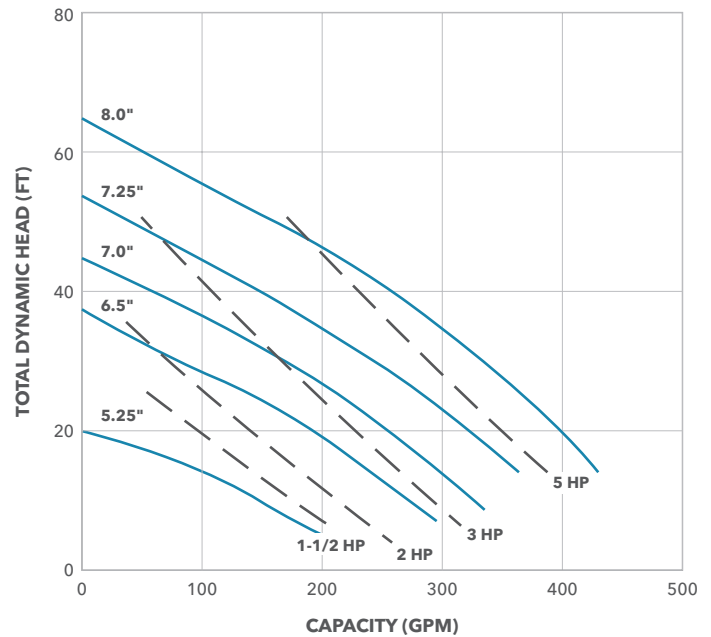
The 3SD provides a layer of protection between the fluid being pumped and the sensitive electronics of the motor. When equipped with an optional seal fail probe and wired into a panel, the pump warns of a potential leak before severe damage occurs. It's ideal for flood and pollution control, and dewatering/effluent, for sewage systems, farms, hospitals, trailer courts and motels.


Features & Benefits

- Cast iron, two-vane, semi-open, non-clogging impeller with pump-out vanes for mechanical seal protection, and balanced for smooth operation (an optional silicon bronze impeller is available)
- Heavy-duty cast iron, volute type casing for maximum efficiency, with a 3" flange that conforms to 125 # ANSI standard, which connects to A10-30 guide rail system
- Dual mechanical seals with stainless steel parts and BUNA-N elastomers: the outer seal has silicon carbide vs. silicon carbide sealing faces, the inner seal has carbon vs. ceramic sealing faces
- Upper and lower shaft seals that are positioned independently and are separated by an oil-filled chamber
- Optional seal sensor probe, located in oil-filled chamber, that indicates when there's a leak below the lower seal (requires an optional seal fail circuit in the control panel)
- 300 series stainless steel shaft with a keyed design and 300 series stainless steel fasteners
- Capable of running dry without damaging the components

Key Differentiators

- Extended warranty for members
- Includes a seal sensor probe
- Widest range of impeller type options



	GOULDS 3SD Series	MYERS 3V Series	ZOELLER 600 Series	LITTLE GIANT 20S Series	LIBERTY LEH200 Series
HP	1-1/2, 2, 3 & 5	1, 1-1/2, 3 & 5	1, 2, 3, 5 & 7-1/2	2	2
VOLTAGE	200, 230, 460 & 575	200, 230, 460 & 575	200, 230, 460 & 575	200-208, 208-230, 230 & 460	208-230, 230, 440-480 & 575
SOLIDS HANDLING	2-1/2" 	2-1/2" 	2-1/2" 	2" 	2" 
SEAL SENSOR PROBE	Included 	Not included 	Not included 	Not included 	Not included 
IMPELLER	Cast iron semi-open or enclosed non-clogging or silicon bronze 	Ductile iron two-vane enclosed 	Ductile iron semi-open 	Red brass non-clogging 	Cast iron two-vane enclosed 
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Upper: carbon ceramic Lower: silicon carbide	Upper: carbon vs. ceramic Lower: tungsten carbide	Tandem carbon ceramic	Carbon ceramic	Silicon carbide
WARRANTY	2 years (3 years for GPDA members) 	2 years 	1 year 	3 years 	3 years 

Dual Seal Sewage Pumps: Best

3SDX

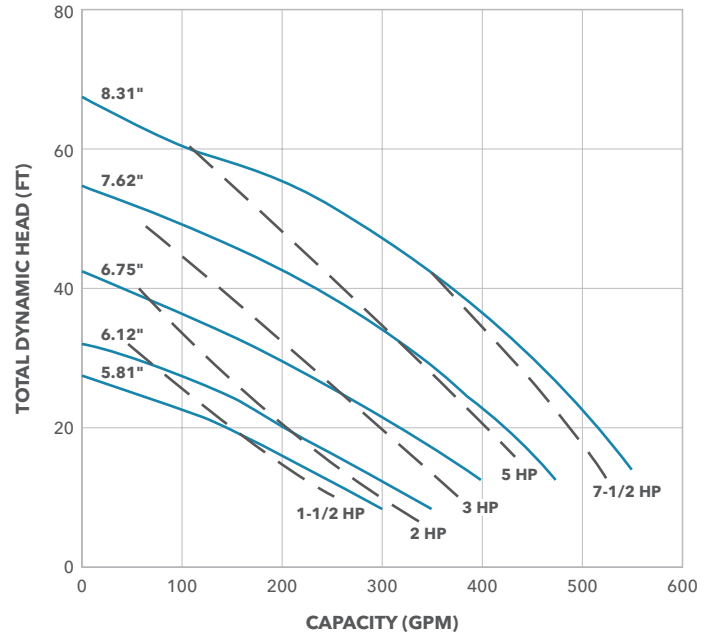
The 3SDX provides a layer of protection between the fluid being pumped and the sensitive electronics of the motor. When equipped with an optional seal fail probe and wired into a panel, the pump warns of a potential leak before severe damage occurs. Applications include flood and pollution control, and dewatering/effluent, for sewage systems, farms, hospitals, trailer courts and motels.

















Features & Benefits

- Cast iron, two-vane, semi-open, non-clogging impeller with pump-out vanes for mechanical seal protection, and computer balanced for smooth operation (an optional silicon bronze impeller is available)
- Heavy-duty, gray cast iron, volute type casing with a flanged, horizontal discharge conforming to ANSI standards
- Tandem mechanical seals separated by an oil-filled chamber, each of which operates independently to ensure failsafe performance
- Standard dual probe moisture detection system, located in an oil-filled seal chamber

Key Differentiators

- Longest warranty
- Explosion proof



	GOULDS 3SDX Series	MYERS 3VX Series	ZOELLER X600 Series	LITTLE GIANT	LIBERTY LEH200 Series
HP	1-1/2, 2, 3, 5 & 7-1/2 	1, 1-1/2, 3 & 5 	1, 2, 3, 5 & 7-1/2 	No explosion proof sewage pump	3/4, 1 & 1-1/2 
VOLTAGE	200, 230, 460 & 575	200, 230, 460 & 575	200, 230, 460 & 575	N/A	208-230, 440-480 & 575
SOLIDS HANDLING	2-1/2"	2-1/2"	2-1/2"	N/A	1-1/2"
BALANCED IMPELLER	Computer balanced 	Not included 	Computer balanced 	N/A	Not included 
IMPELLER	Cast iron two-vane semi-open non-clogging or bronze	Ductile iron two-vane enclosed	Ductile iron semi-open	N/A	Cast iron two-vane semi-open
EXTERIOR	Cast iron	Cast iron	Cast iron	N/A	Cast iron
MECHANICAL SEAL	Carbon ceramic 	Upper: carbon vs. ceramic  Lower: tungsten carbide	Tandem carbon ceramic 	N/A	Silicon carbide 
WARRANTY	5 years 	2 years 	1 year 	N/A	3 years 

Dual Seal Sewage Pumps: Best

4NS

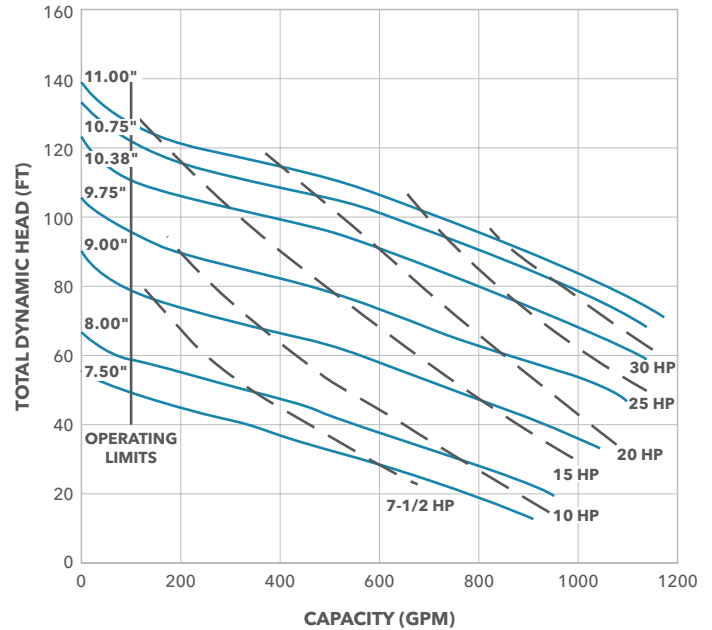
The 4NS provides a layer of protection between the fluid being pumped and the sensitive electronics of the motor. When equipped with an optional seal fail probe and wired into a panel, the pump warns of a potential leak before severe damage occurs. It's ideal for flood and pollution control, and industrial dewatering, for sewage systems, wastewater treatment plants, municipal systems and subdivision lift stations.





















Features & Benefits

- Cast iron, two-vane, closed design impeller for high efficiency and maximum wear life, balanced for smooth operation (an optional silicon bronze impeller is available)
- Replaceable bronze wear ring, to renew the running clearances and efficiencies to original conditions
- Heavy-duty, cast iron, volute type casing for maximum efficiency
- Two-wire, dual moisture sensing probes, located in the oil-filled chamber between the inner and outer seals
- Motor rated for continuous operation when fully submerged in water 400° C or below
- Bearings that are greased for life, with a premium, moisture resistant, polyurethane thickened grease containing rust inhibitors

Key Differentiators

- Longest warranty
- Widest range of horsepower and voltage options



	GOULDS 4NS Series	MYERS V4WHV Series	ZOELLER 600 Series	LITTLE GIANT 20S Series	LIBERTY 200 Series
HP	7-1/2, 10, 15, 20, 25, 30 & 40 	3, 5, 7-1/2 & 10 	1, 2, 3, 5 & 7-1/2 	2 	2 
VOLTAGE	200, 230, 400, 460 & 575 	208, 230, 460 & 575 	200, 230, 460 & 575 	200-208, 208-230, 230 & 460 	208-230, 230, 440-480 & 575 
SOLIDS HANDLING	3" 	3" 	2-1/2" 	2" 	2" 
IMPELLER	Cast iron two-vane enclosed or bronze	Ductile iron two-vane enclosed	Ductile iron semi-open	Red brass non-clogging	Cast iron two-vane enclosed
EXTERIOR	Cast iron or bronze & silicon bronze	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Carbon ceramic	Double tandem carbon & ceramic tungsten carbide	Tandem carbon & ceramic	Carbon ceramic	Silicon carbide
WARRANTY	5 years 	2 years 	1 year 	3 years 	3 years 

Dual Seal Sewage Pumps: Best

4SD

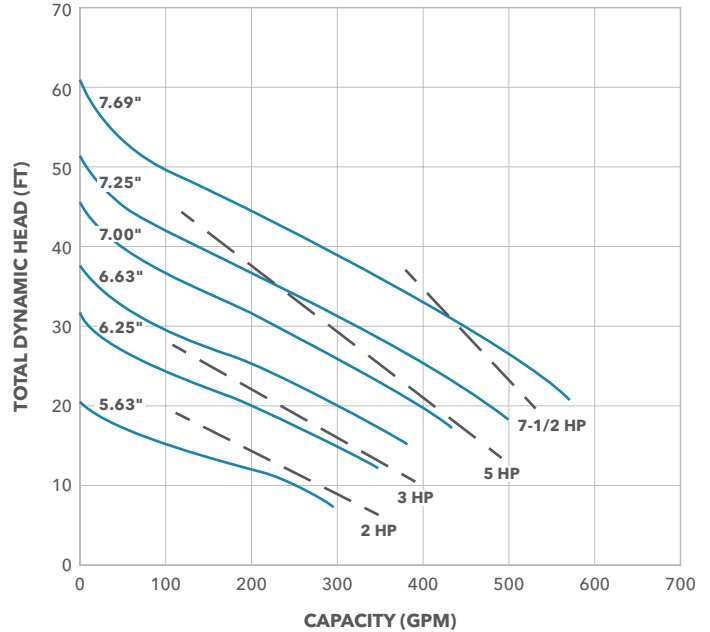
The 4SD provides a layer of protection between the fluid being pumped and the sensitive electronics of the motor. When equipped with an optional seal fail probe and wired into a panel, the pump warns of a potential leak before severe damage occurs. Applications include flood and pollution control, and dewatering/effluent, for sewage systems, farms, hospitals, trailer courts and motels.

Features & Benefits

- Cast iron, two-vane, semi-open, non-clogging impeller with pump-out vanes for mechanical seal protection, and balanced for smooth operation (an optional silicon bronze impeller is available)
- Heavy-duty, cast iron, volute type casing for maximum efficiency
- Dual mechanical seals with stainless steel parts and BUNA-N elastomers: the outer seal has silicon carbide vs. silicon carbide sealing faces, the inner seal has carbon vs. ceramic sealing faces
- Upper and lower shaft seals, which are positioned independently and separated by an oil-filled chamber

Key Differentiators

- Extended warranty for members
- Widest range of impeller material options



	GOULDS 4SD Series	MYERS 4V Series	ZOELLER 600 Series	LITTLE GIANT 20S Series	LIBERTY LEH200 Series
HP	1-1/2, 2, 3, 5 & 7-1/2	1-1/2, 3, 5, 7, 7-1/2 & 10	1, 2, 3, 5 & 7-1/2	2	2
VOLTAGE	208, 230, 460 & 575	208, 230, 460 & 575	208, 230, 460 & 575	200-208, 208-230, 230 & 460	208-230, 230, 440-480 & 575
SOLIDS HANDLING	3" 	3" 	2-1/2" 	2" 	2" 
IMPELLER	Cast iron two-vane semi-open non-clogging or silicon bronze 	Cast iron two-vane enclosed 	Ductile iron semi-open 	Red brass non-clogging 	Cast iron two-vane enclosed 
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Upper: carbon ceramic  Lower: silicon carbide	Upper: carbon ceramic  Lower: tungsten carbide	Tandem carbon & ceramic 	Carbon ceramic 	Silicon carbide 
WARRANTY	2 years (3 years for GPDA members) 	2 years 	1 year 	3 years 	3 years 

Dual Seal Sewage Pumps: Best

4SDX

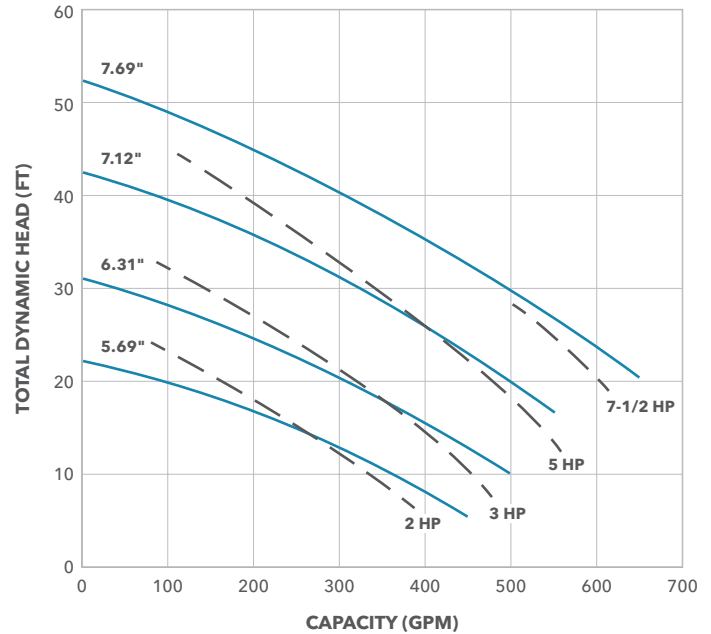
The 4SDX provides a layer of protection between the fluid being pumped and the sensitive electronics of the motor. When equipped with an optional seal fail probe and wired into a panel, the pump warns of a potential leak before severe damage occurs. It's ideal for flood and pollution control, and dewatering/effluent, or for sewage systems, farms, hospitals, trailer courts and motels.

Features & Benefits

- Cast iron, ASTM A48, Class 30, two-vane, semi-open, non-clogging impeller with pump-out vanes for mechanical seal protection
- Heavy-duty, gray cast iron, volute type casing with a horizontal discharge, which conforms to ANSI standards
- Tandem mechanical seal system in an oil-filled seal chamber, with each seal operating independently to ensure failsafe performance
- Explosion-proof motor for use in hazardous locations
- Motor that conforms to the latest requirements of the NEMA, IEEE, ANSI and NEC standards

Key Differentiators

- Longest warranty
- IEEE-approved motor
- Explosion proof



	GOULDS 4SDX Series	MYERS 4VX Series	ZOELLER X600 Series	LITTLE GIANT	LIBERTY XLE Series
HP	2, 3, 5 & 7-1/2	1-1/2, 3, 5, 7, 7-1/2 & 10	1, 2, 3, 5 & 7-1/2	No explosion proof sewage pump	3/4, 1 & 1-1/2
VOLTAGE	208, 230, 460 & 575	208, 230, 460 & 575	200, 230, 460 & 575	N/A	208-230, 440-480 & 575
SOLIDS HANDLING	3" ●	3" ●	2-1/2" ●	N/A	1-1/2" ●
IEEE STANDARD MOTOR	Approved ●	Not approved ●	Not approved ●	N/A	Not approved ●
IMPELLER	Cast iron two-vane semi-open non- clogging with pump-out vanes or silicon bronze ●	Cast iron two-vane enclosed ●	Ductile iron semi-open ●	N/A	Cast iron two-vane semi-open or bronze ●
EXTERIOR	Cast iron	Cast iron	Cast iron	N/A	Cast iron
MECHANICAL SEAL	Rotary: carbon Stationary: ceramic	Upper: carbon ceramic Lower: tungsten carbide	Double tandem carbon ceramic	N/A	Silicon carbide
WARRANTY	5 years ●	2 years ●	1 year ●	N/A	3 years ●

Dual Seal Sewage Pumps: Best

4XD

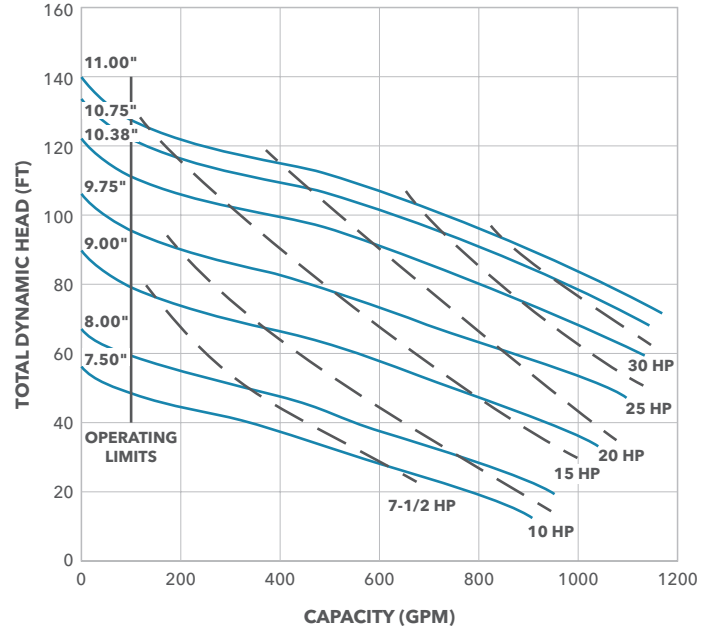
The 4XD provides a layer of protection between the fluid being pumped and the sensitive electronics of the motor. When equipped with an optional seal fail probe and wired into a panel, the pump warns of a potential leak before severe damage occurs. Applications include flood and pollution control, and industrial dewatering, for sewage systems, wastewater treatment plants, municipal systems and subdivision lift stations.












Features & Benefits

- Cast iron, two-vane, closed design impeller for high efficiency and maximum wear life
- Replaceable bronze wear ring, to renew the running clearances and efficiencies to original conditions
- Dual mechanical seals
- Seal sensor probe that indicates when there's a leak below the lower seal

Key Differentiators

- Longest warranty
- The widest range of horsepower options
- Superior wear ring material quality and solids handling
- Explosion proof



	GOULDS 4XD Series	MYERS 4VHAX Series	ZOELLER X600 Series	LITTLE GIANT	LIBERTY XLE Series
HP	7-1/2, 10, 15, 20, 25, 30 & 40 	7-1/2, 10 & 15 	1, 2, 3, 5 & 7-1/2 	No explosion proof sewage pump	3/4, 1 & 1-1/2 
VOLTAGE	200, 230, 460 & 575	200, 230, 460 & 575	200, 230, 460 & 575	N/A	208-230, 440-480 & 575
SOLIDS HANDLING	3" 	2" 	2-1/2" 	N/A	1-1/2" 
IEEE STANDARD MOTOR	Approved 	Not approved 	Not approved 	N/A	Not approved 
IMPELLER	Cast iron two-vane enclosed or bronze	Cast iron two-vane enclosed	Ductile iron semi-open	N/A	Cast iron two-vane semi-open
EXTERIOR	Cast iron	Cast iron	Cast iron	N/A	Cast iron
MECHANICAL SEAL	Upper & lower: carbon ceramic or Lower: silicon carbide/tungsten carbide	Upper: carbon ceramic Lower: tungsten carbide	Double tandem carbon ceramic	N/A	Silicon carbide
WARRANTY	5 years 	2 years 	1 year 	N/A	3 years 

Vortex Sewage Pumps: Good

3872 (WW05)

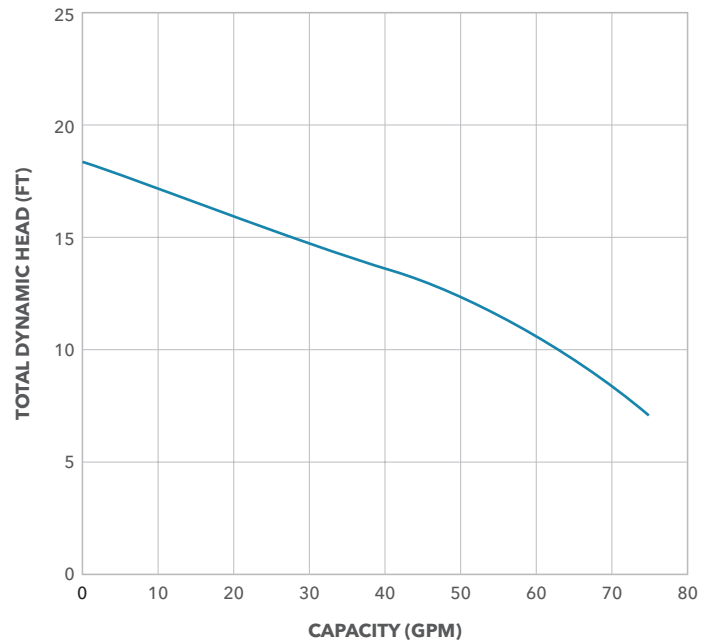
The 3872, like all vortex pumps, minimizes clogs by keeping a safe distance between the pumped solids and the impeller itself. Stringy solids are less likely to bind up the product, which will save on service costs. Applications include dewatering and water transfer for residential sewage systems.





















Features & Benefits

- Glass-filled, thermoplastic full vortex impeller with pump-out vanes for mechanical seal protection
- Rugged, glass-filled, thermoplastic casing and base, to provide superior strength and corrosion resistance
- Cast iron motor housing for efficient heat transfer, strength, and durability
- Thermoplastic motor cover with an integral handle and float switch attachment points
- Upper and lower heavy-duty ball bearing construction
- Severe-duty rated power cable that's resistant to oil and water
- O-ring that provides positive sealing and is easily replaced during maintenance
- Stainless steel fasteners

Key Differentiators

- Extended warranty for members
- Superior seal quality



	GOULDS 3872 Series	MYERS MSKV50 Series	ZOELLER 212 Series	LITTLE GIANT WSV52 Series	LIBERTY LE50 Series
HP	1/2	1/2	1/2	1/2	1/2
VOLTAGE	115 & 230 	115 & 230 	115 	115 	115 
SOLIDS HANDLING	2"	2"	2"	2"	2"
3-PRONG PLUG	Included 	Not included 	Included 	Not included 	Not included 
MOTOR COVER	Included 	Not included 	Not included 	Not included 	Included 
IMPELLER	Glass-filled thermoplastic vortex with pump-out vanes	Thermoplastic recessed vortex	Thermoplastic non-clogging vortex	Cast iron vortex	Two-vane semi-open
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Rotary: carbon  Stationary: ceramic	Carbon ceramic 	Carbon ceramic 	Carbon ceramic 	Carbon ceramic 
WARRANTY	2 years (3 years for GPDA members)	3 years	1 year	3 years	3 years

Vortex Sewage Pumps: Best

VTX

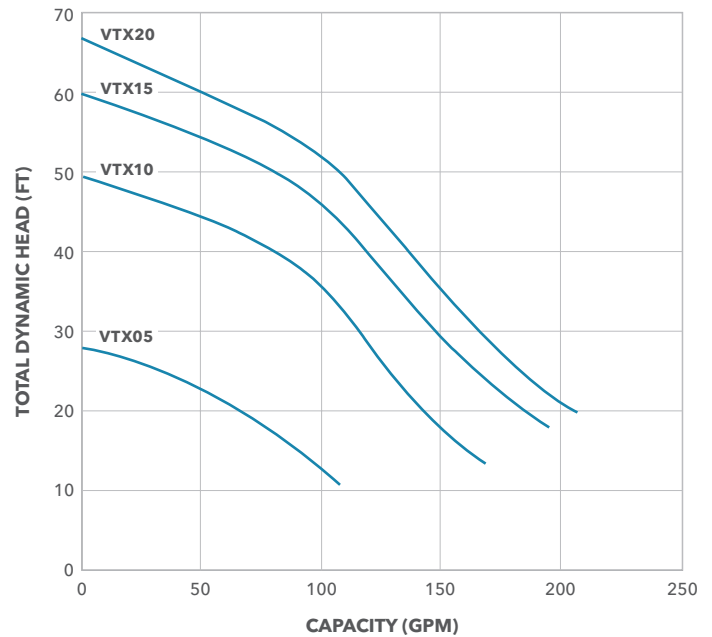
The VTX Series is a line of tough, durable submersible sewage pumps that are built tougher, perform better and run longer than ordinary vortex pumps. They handle stringy material and resist clogging better than a traditional two-vane impeller. Plus, they feature an innovative new dry cap that makes it easy to replace the capacitor in the field.











Features & Benefits

- A complete family of pumps ranging from 1/2 to 2 HP
- A design that resists clogging better than a traditional two-vane impeller
- Premium silicon carbide seals
- Oil-filled components for constant heat dissipation and cool operation
- Thermal overload protection with automatic reset
- Single-phase PSC motors, which eliminate starting switches

Key Differentiators

- A design that minimizes clogging because solids don't touch the vanes
- The ability to easily pass stringy materials
- Field Replaceable Capacitor - dry cap allows ease of replacement



	GOULDS VTX Series	MYERS WHRH Series	ZOELLER 290 Series	LITTLE GIANT S Series, 18S & 20S	LIBERTY LE Series
HP	1/2, 1, 1-1/2 & 2	1/2, 1, 1-1/2 & 2	1/2, 1, 1-1/2 & 2	1-1/2 & 2	1/2, 3/4, 1, 1-1/2 & 2
VOLTAGE	115 & 230	115, 208, 230, 460 & 575	115, 200, 208, 230, 460 & 575	200, 208, 230 & 460	115, 208-230, 440-480 & 575
SOLIDS HANDLING	2"	2"	2"	2"	2"
DRY CAP INCLUDED	Yes 	No 	Yes 	Yes 	No 
IMPELLER	Cast iron multi-vane vortex	Cast iron vortex	Cast iron non-clogging vortex	Red brass vortex	Cast iron two-vane semi-open or polymer vortex
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Silicon carbide 	Carbon & ceramic (double-lip) 	Carbon ceramic 	Carbon ceramic 	Single phase: carbon ceramic  three phase: silicon carbide
WARRANTY	2 years (3 years for GPDA members)*	3 years	3 years	3 years	3 years

*Offers extended warranty option for residential applications

 Brand Advantage  Brand Equivalent  Brand Disadvantage | 55

Vortex Sewage Pumps: Best

GFV (2" & 3")

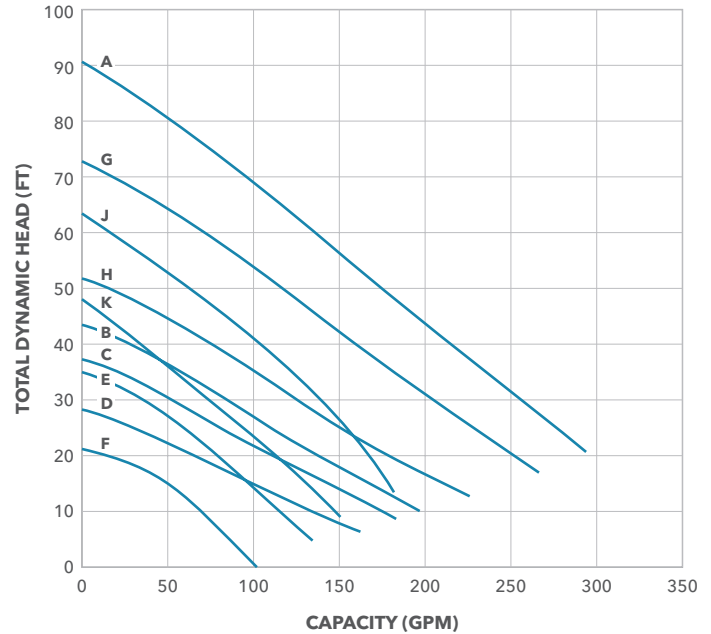
The GFV, like all vortex pumps, minimizes clogs by keeping a safe distance between the pumped solids and the impeller itself. Stringy solids are less likely to bind up the product, which will save on service costs. It's ideal for dewatering/effluent and water transfer in homes and sewage systems.

Features & Benefits

- Vortex-style impeller that can handle solids up to 2" and resists clogging better than a traditional two-vane impeller
- Components made from robust cast iron for long life and easy maintenance
- Efficient air-filled motor with built-in thermal overload, which allows the pump to run continuously without overheating
- Heavy-duty, long-life bearings that provide peace of mind
- Cable entry designed to prevent both cable strain and leakage
- Double mechanical seal that provides extra reliability and protects against leakage
- 2" threaded vertical discharge that allows for a variety of installations
- Built-in dual seal and sensors for high temperature and seal leak detection, to accommodate upgraded panel installations

Key Differentiators

- Extended warranty for members
- Superior impeller design and seal quality
- Widest horsepower range



	GOULDS GFV Series	MYERS MSKHS Series	ZOELLER 290 Series	LITTLE GIANT 20S Series	LIBERTY LE50/100 Series
HP	1-1/5, 1-7/10, 2-2/5, 3-1/5 & 3-4/5 ●	1/2, 1, 1-1/2 & 2 ●	1/2, 1, 1-1/2 & 2 ●	2 ●	1/2, 3/4 & 1 ●
VOLTAGE	200, 230 & 460	115, 208, 230, 460 & 575	115, 208, 230, 460 & 575	200-208, 208-230, 230 & 460	115, 208-230, 440-480 & 575
SOLIDS HANDLING	2" & 2-1/2"	2"	2"	2"	2"
AIR FILLED MOTOR	Yes ●	No ●	No ●	No ●	Yes ●
IMPELLER	Cast iron vortex or self-cleaning ●	Cast iron two-vane semi-open ●	Cast iron non-clogging vortex ●	Red brass non-clogging ●	Cast iron two-vane enclosed ●
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Inner: carbon aluminum oxide ● Outer: silicon carbide	Carbon ceramic ●	Carbon ceramic ●	Carbon ceramic ●	Upper: silicon carbide ● Lower: viton double lip
WARRANTY	2 years (3 years for GPDA members)	3 years	1 year	3 years	3 years

Dual Seal Sewage Pumps: Best

GFK (2" & 3")

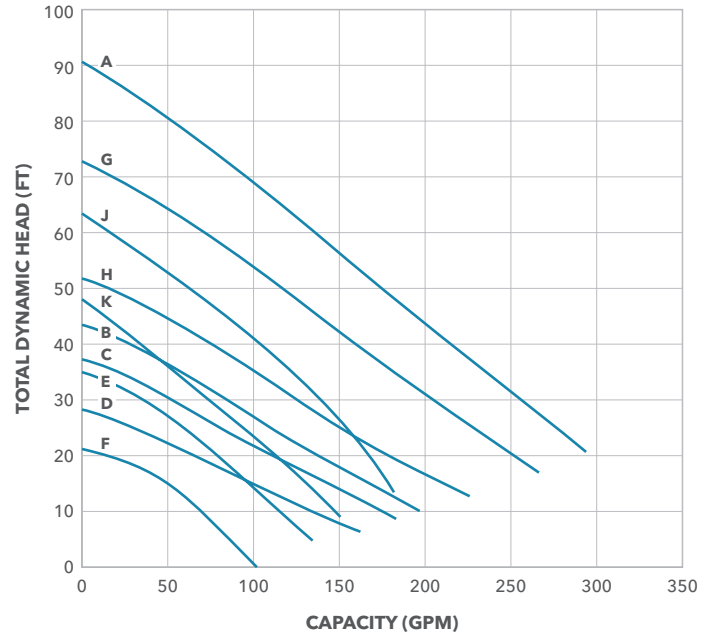
The GFK provides a layer of protection between the fluid being pumped and the sensitive electronics of the motor. When equipped with an optional seal fail probe and wired into a panel, the pump warns of a potential leak before severe damage occurs. It's ideal for dewatering/effluent and water transfer in homes and sewage systems.





















Features & Benefits

- Patented, self-cleaning K-impeller, which has been proven to reduce clogging and maintain efficiency when pumping wastewater
- Components made from robust cast iron for long life and easy maintenance
- Efficient air-filled motor with built-in thermal overload, which allows the pump to run continuously without overheating
- Heavy-duty, long-life bearings that provide peace of mind
- Cable entry designed to prevent both cable strain and leakage
- Double mechanical seal that provides extra reliability and protects against leakage
- 2" threaded vertical discharge that allows for a variety of installations
- Built-in dual seal and sensors for high temperature and seal leak detection, to accommodate upgraded panel installations

Key Differentiators

- Cast iron construction for long lasting durability
- Premium mechanical seals that reduce the frequency of maintenance
- Patented impeller technology



	GOULDS GFK Series	MYERS MSKHS Series	ZOELLER 400 Series	LITTLE GIANT 20S Series	LIBERTY LEH200 Series
HP	1-1/5, 1-7/10, 2-2/5, 3-1/5 & 3-4/5 	1/2, 1, 1-1/2 & 2 	2 & 3 	2 	2 
VOLTAGE	200, 230 & 460	115, 208, 230, 460 & 575	208, 230, 460 & 575	200-208, 208-230, 230 & 460	208, 208-230, 440-480 & 575
AIR FILLED MOTOR	Yes 	No 	No 	No 	Yes 
IMPELLER	Self-cleaning 	Cast iron two-vane semi-open 	Cast iron non-clogging vortex 	Red brass non-clogging 	Cast iron two-vane enclosed 
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Inner: carbon aluminum oxide  Outer: silicon carbide	Carbon ceramic 	Carbon ceramic 	Carbon ceramic 	Upper: silicon carbide  Lower: viton double lip
WARRANTY	2 years (3 years for GPDA members)	2 years	1 year	3 years	3 years



4

GRINDER PUMPS



Grinder Pump Overview

Each Goulds Water Technology grinder pump has a reversible cutter ring for extended performance and life, as well as a cord with a plug for direct connection to a piggyback float switch. Most models have the option to use silicon carbide mechanical seal faces.

Materials of Construction

- Cast iron
- Silicon bronze
- Hardened steel

Performance Range

- Up to 200 GPM
- 2, 3, 5 and 7-1/2 HP
- Single phase and three phase
- Maximum head: 180'
- Solids up to 3"
- Discharge size: 1-1/4", 1-1/2" and 2" NPT

Grinder Pumps: Better

RGS

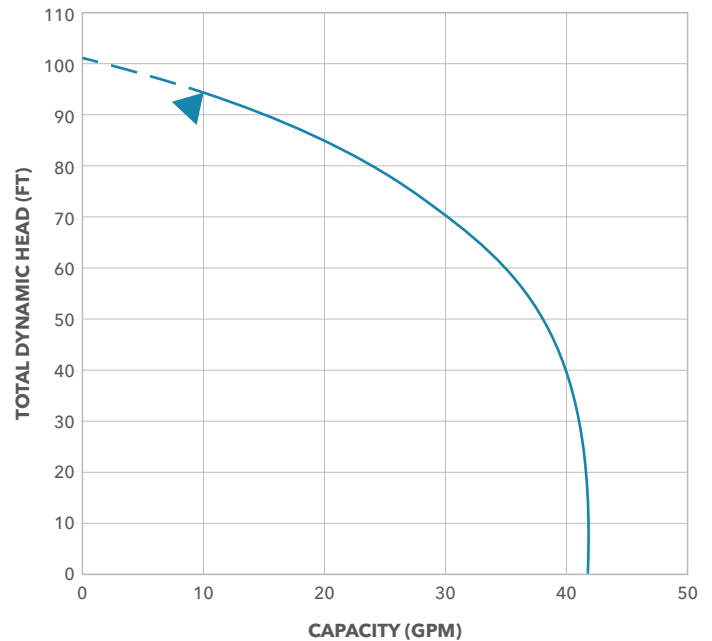
The RGS is a radial cutter style pump that can be flipped once in the field, to expose the factory sharpened side of the cutting ring. It does not require external motor components in the panel. It's capable of grinding domestic sewage in individual residential applications. Designed for high head sewage applications where a gravity system is not practical, it's ideal for pressure sewage systems.

Features & Benefits

- Anti-roping cutter system
- Silicon bronze semi-open impeller with non-overloading two-vane design and pump-out vanes for mechanical seal protection
- Cast iron volute type casing for high efficiency
- Designed for continuous operation

Key Differentiators

- Extended warranty for members
- Rotary-stationary design
- Anti-roping cutter system



	GOULDS RGS Series	MYERS VR2 Series	ZOELLER 818/819/820 Series	LITTLE GIANT GP Series	LIBERTY LSG200 Series
HP	2	2	1, 1-1/2 & 2	2	2
VOLTAGE	200, 230 & 460	115, 208, 230, 460 & 575	115, 208, 230, 460 & 575	200-208, 208-230, 230 & 460	115, 208-230, 440-480 & 575
DISCHARGE	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT
ANTI-ROPIING CUTTING SYSTEM	Included ●	Not included ●	Not included ●	Not included ●	Not included ●
IMPELLER	Silicon bronze non-overloading two-vane semi-open with pump-out vanes ●	Stainless steel semi-open or thermoplastic ●	Thermoplastic vortex ●	Brass seven-vane non-clogging ●	Stainless steel with pump-out vanes on back shroud ●
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Rotary: silicon carbide ● Stationary: silicon carbide	Carbon ceramic ●	Carbon ceramic ●	Carbon ceramic ●	Silicon carbide with viton elastomers ●
WARRANTY	2 years (3 years for GPDA members) ●	3 years ●	1 year ●	3 years ●	3 years ●

Grinder Pumps: Better

1GD

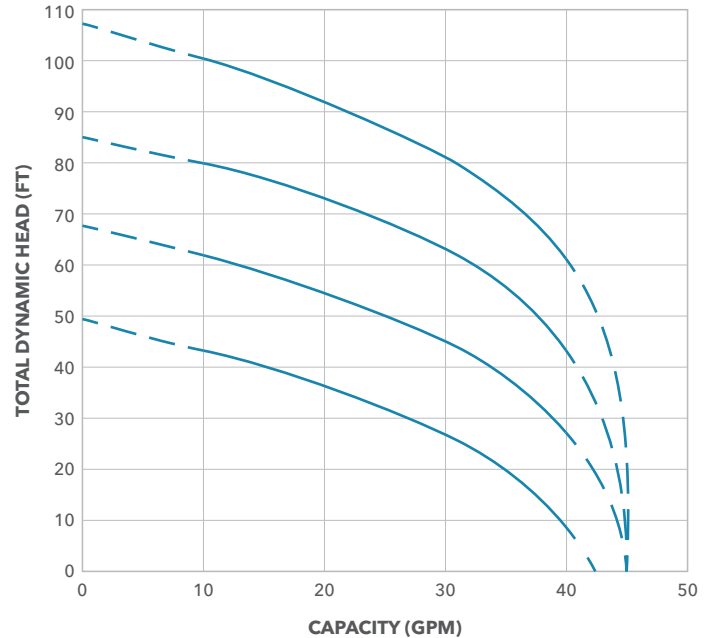
The 1GD provides a large range of performance between two models. It's built with rotating cutting mechanisms that chew up incoming waste before it can bind the impeller. It includes a built-in seal failure/high temperature monitor. Designed for high head sewage applications where a gravity system is not practical, it's ideal for pressure sewage systems.

Features & Benefits

- Silicon bronze, multi-vane, semi-open impeller with pump-out vanes for mechanical seal protection, and balanced for smooth operation
- Grinder cutter system with an anti-roping design, and a hardened cutter keyed to the motor shaft for positive drive
- A heavy-duty, cast iron, volute type casing for maximum efficiency
- Dual mechanical seals with stainless steel parts and BUNA-N elastomers: the outer seal has silicon carbide vs. silicon carbide sealing faces, inner seal has ceramic vs. carbon sealing faces
- Upper and lower shaft seals, which are positioned independently and separated by an oil-filled chamber
- Optional silicon/tungsten carbide outer seal is available
- Optional seal sensor probe, located in oil-filled chamber, that indicates when there's a leak below the lower seal
- 300 series stainless steel fasteners and pipe plugs

Key Differentiators

- Extended warranty for members
- Includes seal sensor cord
- Superior seal quality



	GOULDS 1GD Series	MYERS V2 Series	ZOELLER 840 Series	LITTLE GIANT GP Series	LIBERTY LSG200 Series
HP	2	2	2	2	2
VOLTAGE	200, 208, 230, 460 & 575 ●	200, 230, 460 & 575 ●	200, 208, 230, 460 & 575 ●	208 & 230 ●	200, 230, 460 & 575 ●
DISCHARGE	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT
SEAL SENSOR CORD	Included ●	Not included ●	Not included ●	Not included ●	Not included ●
IMPELLER	Silicon bronze multi-vane semi-open	Stainless steel semi-open	Ductile iron or bronze non-clogging vortex	Brass seven-vane non-clogging	Stainless steel with pump-out vanes
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Upper: silicon carbide ● Lower: ceramic	Double tandem carbon and ceramic optional tungsten carbide for lower ●	Carbon ceramic ●	Carbon ceramic ●	Silicon carbide with viton elastomers ●
WARRANTY	2 years (3 years for GPDA members) ●	1 year ●	1 year ●	2 years ●	3 years ●

Grinder Pumps: Best

1GA/2GA

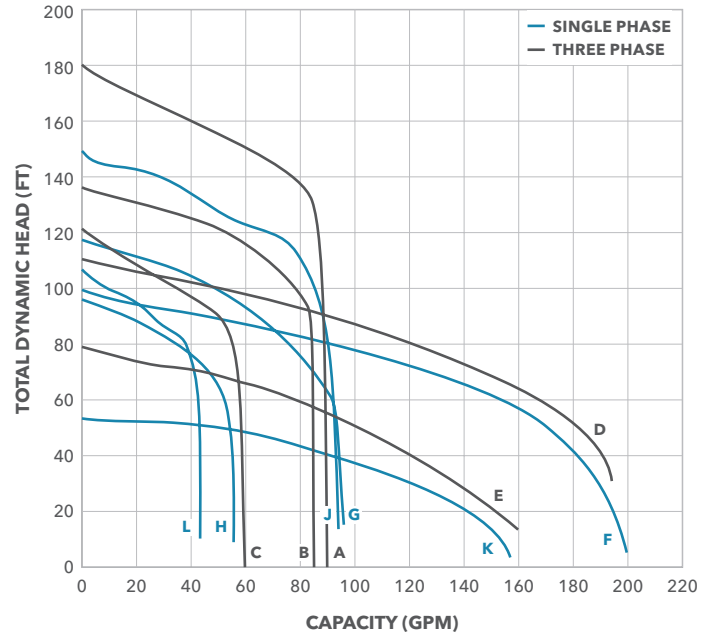
The 1GA and 2GA provide a large range of performance between two models. It's built with rotating cutting mechanisms that chew up incoming waste before it can bind the impeller. It includes a built-in seal failure/high temperature monitor. It's ideal for municipal, commercial and industrial applications.

Features & Benefits

- Design capable of grinding municipal, commercial and industrial sewage
- Cutter system engineered to reduce sewage to a fine slurry
- Cast iron, semi-open, non-overloading, multi-vane impeller with pump-out vanes for mechanical seal protection
- Cast iron, volute type casing for high efficiency
- Two-coat paint system for superior surface protection
- Float leakage sensor with a small internal float switch, to detect the presence of water in the stator chamber

Key Differentiators

- Extended warranty for members
- Widest range of horsepower options with highest maximum horsepower strength



	GOULDS 1GA/2GA Series	MYERS V2 Series	ZOELLER 840 Series	LITTLE GIANT GP Series	LIBERTY LSG200 Series
HP	3, 4, 5-2/5, 6, 9-2/5 & 11 ●	2 ●	2 ●	2 ●	2 ●
VOLTAGE	200, 230, 460 & 575	200, 230, 460 & 575	200, 208, 230, 460 & 575	208 & 230	208-230, 440-480 & 575
DISCHARGE	2" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT
FLOAT LEAKAGE SENSOR	Included ●	Included ●	Not included ●	Not included ●	Not included ●
IMPELLER	Cast iron multi-vane non-overloading semi-open with pump-out vanes	Stainless steel semi-open	Ductile iron or bronze non-clogging vortex	Brass seven-vane non-clogging	Stainless steel vortex
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Upper: carbon ceramic Lower: carbide/ tungsten carbide	Double tandem carbon and ceramic optional tungsten carbide for lower	Carbon ceramic	Carbon ceramic	Upper: silicon carbide Lower: viton double lip
WARRANTY	2 years (3 years for GPDA members) ●	1 year ●	1 year ●	2 years ●	3 years ●

Grinder Pumps: Best

AGS

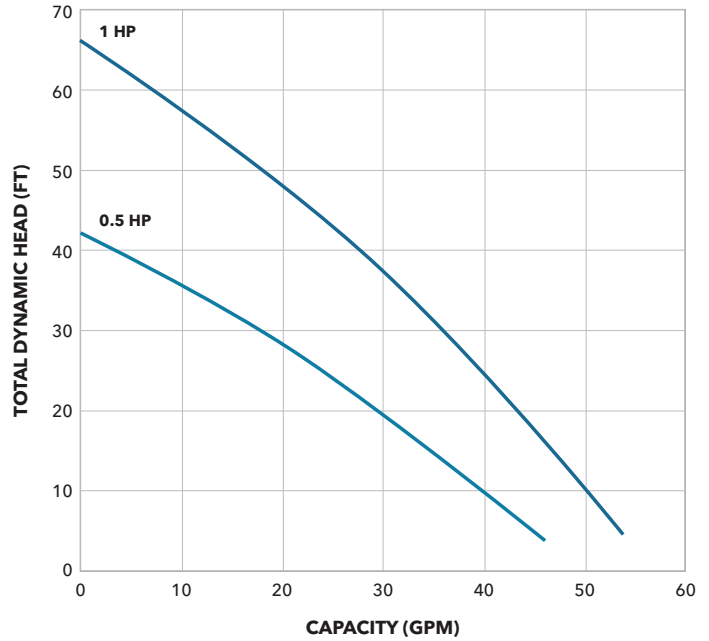
AGS Series axial grinder pumps handle the challenging demands of today's residential wastewater. They feature axial grinder and semi-open impeller technology to easily slice through solids, flushables and trash, reducing them to a fine slurry. This helps to minimize downtime and service issues in residential and small office applications.

Features & Benefits

- Proven axial grinder and semi-open impeller technology to reduce downtime caused by clogging or roping
- A stainless steel (440C) volute cutter/ plate style configuration for long life
- A one piece, uni-body, cast iron, volute type casing for high efficiency
- A durable cast iron impeller
- An oil cooled motor rated for continuous operation when fully submerged
- Single phase, built-in, auto reset overload (Class F insulation)
- Models available in single phase 0.5 HP (115V or 230V) and 1 HP (115V or 230V) options
- A fixed balanced attachment to simplify installation

Key Differentiators

- Extended warranty for members
- Powerful performance in a grinder pump sized for residential wastewater
- Reduces downtime caused by clogging or roping



	GOULDS AGS Series	MYERS VR1 Series	ZOELLER 800 Series	LITTLE GIANT	LIBERTY PRG Series
HP	1/2 & 1	1	1/2, 3/4 & 1	No comparable sewage pump	1
VOLTAGE	115 & 230	115 & 230	115, 200 & 230	N/A	115 & 230
DISCHARGE	2"	2"	1-1/4"	N/A	2"
TOTAL HEAD	66' ●	61' ●	55' ●	N/A	52' ●
MAXIMUM CAPACITY	54 GPM ●	49 GPM ●	43 GPM ●	N/A	46 GPM ●
IMPELLER	Cast iron, Lowara cutter	Thermoplastic semi-open	Thermoplastic non-clogging vortex	N/A	Cast iron with pump out vanes
EXTERIOR	Cast iron	Cast iron	Cast iron	N/A	Cast iron
MECHANICAL SEAL	Carbon ceramic	Carbon ceramic	Carbon ceramic	N/A	Silicon carbide
WARRANTY	2 years (3 years for GPDA members)	2 years	12-18 months	N/A	3 years

Grinder Pumps: Best

Retrofit Kit

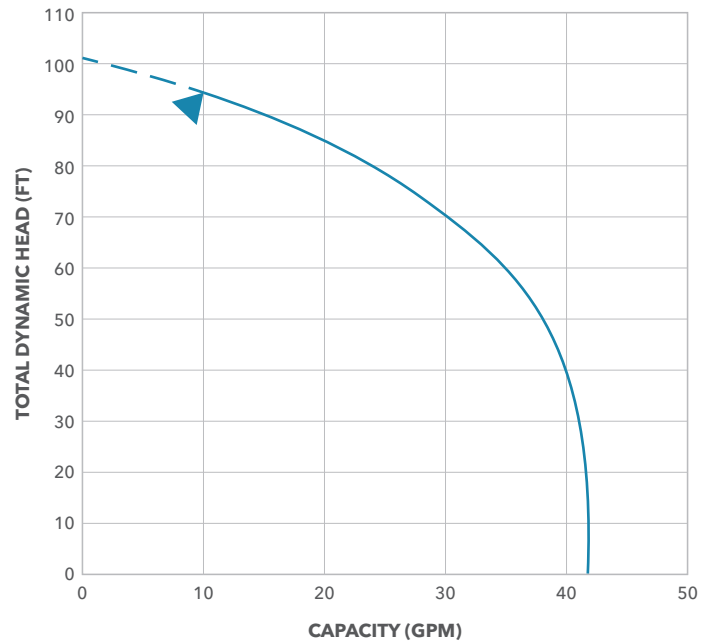
The Retrofit Kit is built with rotating cutting mechanisms that chew up incoming waste before it can bind the impeller. It's designed for high head residential sewage applications.

Features & Benefits

- Electrical conditions, including power and alarm cable with an electrical connection plug, are internally wired at the factory, so no additional junction box is required
- Stainless steel piping
- Cutter system with an anti-roping design, featuring a two-blade rotary cutter threaded to the shaft
- Silicon bronze, semi-open, two-vane impeller with pump-out vanes for mechanical seal protection, and balanced for smooth operation
- Cast iron, volute type casing for high efficiency
- Motor fully submerged in a chamber filled with high-grade turbine oil for more efficient heat dissipation, permanent lubrication of the bearings and mechanical seal, and protection against the outside environment
- 300 series stainless steel motor shaft with a short overhang for minimum shaft deflection
- Upper and lower ball bearings for the precision positioning of parts, and to carry all radial and thrust loads
- Hard-faced, silicon carbide mechanical seal for longer life, with stainless steel parts and BUNA-N elastomers

Key Differentiators

- Extended warranty for members
- Anti-roping design
- Includes retrofit adapter



	GOULDS Retrofit Kit	MYERS MRG20 Retrofit Kit	ZOELLER	LITTLE GIANT Retrofit Kit	LIBERTY LSG202-RE Series
HP	2	Obsolete	N/A	2	2
VOLTAGE	208 & 230	N/A	N/A	208 & 230	208-230
DISCHARGE	1-1/4" NPT	N/A	N/A	1-1/4" NPT	1-1/4" NPT
ANTI-ROPING DESIGN	Included ●	N/A	N/A	Not included ●	Not included ●
RETROFIT ADAPTER	Included ●	N/A	N/A	Not included ●	Not included ●
IMPELLER	Silicon bronze two-vane semi-open	N/A	N/A	Brass with pump-out vanes	Stainless steel with pump-out vanes
EXTERIOR	Cast iron	N/A	N/A	Cast iron	Cast iron
MECHANICAL SEAL	Silicon carbide ●	N/A	N/A	Carbon ceramic ●	Silicon carbide ●
WARRANTY	2 years (3 years for GPDA members) ●	N/A	N/A	2 years ●	3 years ●

An aerial photograph of a dense, lush green forest. A large, white, semi-transparent number '5' is centered over the image. The forest canopy is thick and vibrant, with some areas showing lighter green and yellowish tones, possibly due to sunlight filtering through the trees. A small stream or river is visible in the bottom left corner, winding through the forest.

5

PACKAGED SYSTEMS



Packaged Systems Overview

Gould Water Technology offers easy-to-order packaged systems for effluent, sewage and grinder pumps. Each one combines a pre-configured basin, simplex or duplex pumps and a panel under a single part number, and ships complete from one location with a single invoice.

Features & Benefits

- Easy ordering
- The package part number combines a pre-configured basin, simplex or duplex pumps, and a panel
- Consolidated shipping
- The package ships complete from one location; one shipment, one invoice

Materials of Construction

- Fiberglass basins
- Ribbed polyethylene basins with structural foam covers
- Roll top polyethylene basins with structural foam cover

Performance Range

- 55 GPM
- 1/3 to 2 HP
- First phase
- 96' Maximum head
- 2" NPT discharge

Effluent Sink Drain Systems

SDS1

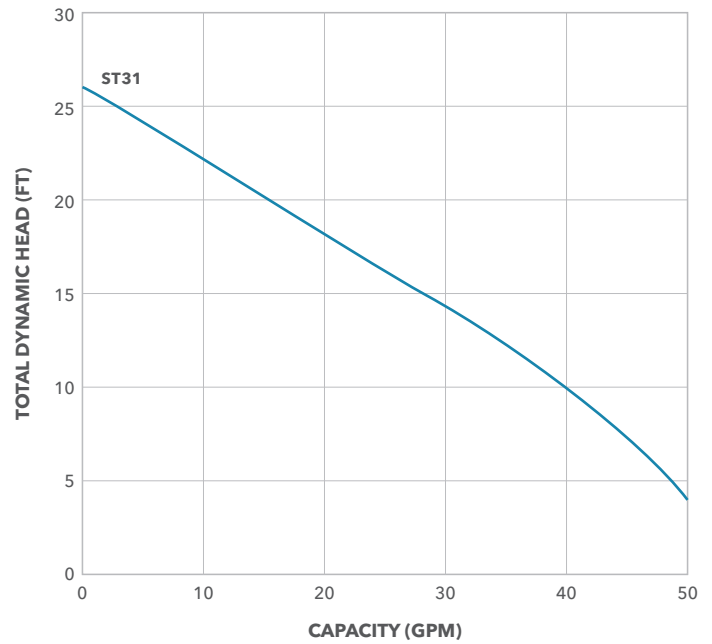
The SDS1 package is easy to install and maintain because it contains everything needed for an efficient effluent sink drain. Application include laundry trays, wet bar sinks, residential dishwashers, beautician sinks, air conditioning condensate and dehumidifier water.

Features & Benefits

- A system that protects the environment from hazardous waste
- Probes that detect oil and water, and disable the system if oil is detected
- A panel and switch that are kitted with effluent single-phase pumps

Key Differentiators

- Extended warranty for members
- Highest maximum amplitude
- Superior seal quality



	GOULDS SDS1 Package	MYERS ED33V1 Series	ZOELLER Drain Pump Series	LITTLE GIANT WCR Series	LIBERTY 405 Series
HP	4/10	1/3	1/3 & 1/2	4/10	1/2
VOLTAGE	115	115	115	115 & 208-230	115 & 230
SOLIDS HANDLING	3/4"	1/2"	1/2"	2"	3/8"
MAX AMPLITUDE	12 ●	9-4/5 ●	9-7/10 ●	7-1/2 ●	7-1/3 ●
AGENCY LISTINGS	CSA & UL ●	CSA (pump only) ●	CSA & UL ●	CSA ●	CSA & SSPMA ●
IMPELLER	Thermoplastic semi-open with pump-out vanes	N/A	Polypropylene non-clogging vortex	N/A	Polymer vortex
EXTERIOR	Thermoplastic	Cast iron	Bronze or cast iron	Polypropylene	Polypropylene
MECHANICAL SEAL	Rotary: silicon ● Stationary: carbide	Carbon ceramic ●	Carbon ceramic ●	Carbon ceramic ●	Double lip with stainless springs ●
WARRANTY	2 years ● (3 years for GPDA members)	3 years ●	1 year ●	5 years ●	3 years ●

Effluent Sink Drain Systems

SDS-GSP

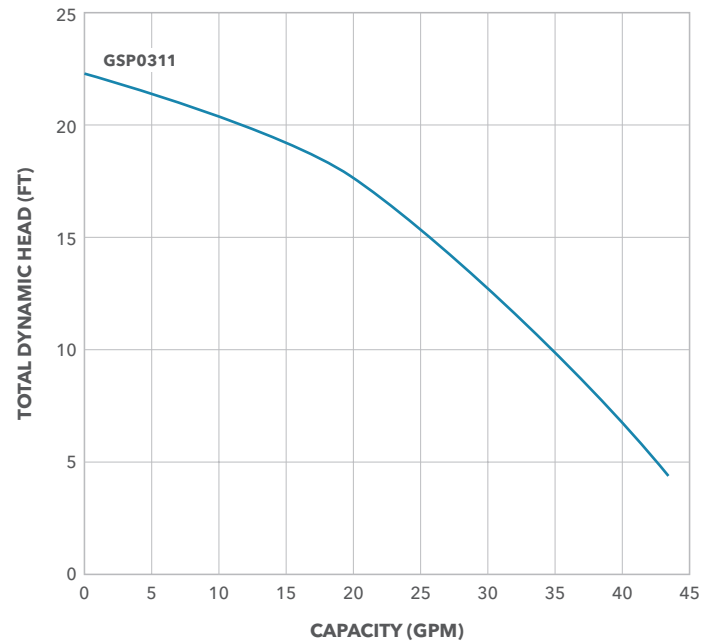
The SDS-GSP package is easy to install and maintain because it contains everything needed for an efficient effluent drain. Applications include laundry trays, wet bar sinks, residential dishwashers, beautician sinks, air conditioning condensate and dehumidifier water.

Features & Benefits

- A system fully assembled at the factory for simple installation
- Capable of running dry without damaging the components
- A severe-duty rated power cable that's resistant to oil and water

Key Differentiators

- Extended warranty for members
- Highest maximum amplitude
- Superior seal quality



	GOULDS SDS-GSP Package	MYERS ED33V1 Series	ZOELLER Drain Pump Series	LITTLE GIANT WCR Series	LIBERTY 405 Series
HP	1/3	1/3	1/3 & 1/2	4/10	1/2
VOLTAGE	115	115	115	115 & 208-230	115 & 230
SOLIDS HANDLING	1/2"	1/2"	1/2"	2"	3/8"
MAX AMPLITUDE	12 ●	9-4/5 ●	9-7/10 ●	7-1/2 ●	7-1/3 ●
AGENCY LISTINGS	CSA & UL ●	CSA (pump only) ●	CSA & UL ●	CSA ●	CSA & SSPMA ●
IMPELLER	Thermoplastic vortex	N/A	Polypropylene non-clogging vortex	N/A	Polymer vortex
EXTERIOR	Thermoplastic	Cast iron	Bronze or cast iron	Polypropylene	Polypropylene
MECHANICAL SEAL	Silicon carbide ●	Carbon ceramic ●	Carbon ceramic ●	Carbon ceramic ●	Double lip with stainless springs ●
WARRANTY	2 years (3 years for GPDA members) ●	3 years ●	1 year ●	5 years ●	3 years ●

Sewage Pump Package

GWP

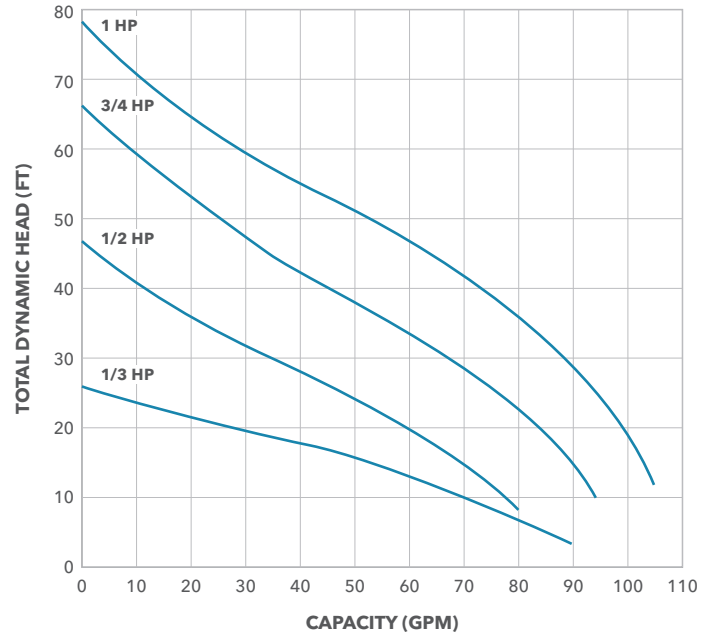
The GWP sewage pump package includes the choice of a PV vortex, a PS non-clogging or a WW05 vortex pump, all of which can handle wastewater containing solids up to 2". Applications include homes, rural water districts, parks and dewatering, sewage lift stations, and anywhere waste or drainage must be removed quickly, quietly and efficiently.





















Features & Benefits

- A system that protects the environment from hazardous waste
- Probes that detect oil and water, and disable the system if oil is detected
- A panel and switch that are kitted with effluent single-phase pumps

Key Differentiators

- Extended warranty for members
- Widest range of impeller options
- Uni-seal



	GOULDS GWP Package	MYERS M224 Series	ZOELLER 912 Series	LITTLE GIANT SMPX Series	LIBERTY 370/380 Series
HP	4/10 & 1/2	1/2	4/10 & 1/2	4/10 & 1/2	4/10, 1/2, 3/4 & 1
VOLTAGE	115	115 & 230	115	115	115 & 208-230
SOLIDS HANDLING	2"	2"	2"	2"	2"
RIBBED BASIN	12 	9-4/5 	9-7/10 	7-1/2 	7-1/3 
IMPELLER	Polyethylene vortex (non-clogging & WW05 vortex options) 	Thermoplastic recessed vortex 	Thermoplastic or bronze non-clogging vortex 	N/A 	Cast iron two-vane semi-open 
EXTERIOR	Thermoplastic	Cast iron	Cast iron	Stainless steel	Polyethylene
MECHANICAL SEAL	Thermoplastic uni-seal 	Carbon ceramic with brass seal body 	Carbon ceramic 	Carbon ceramic 	Carbon ceramic 
WARRANTY	2 years (3 years for GPDA members) 	3 years 	1 year 	5 years 	3 years 

Grinder Package

RGS

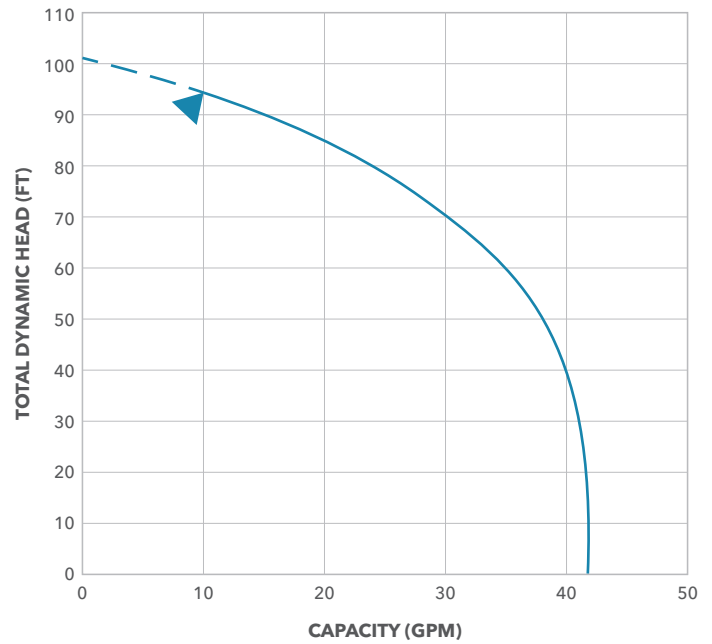
The RGS package is a complete simplex or duplex installation, consisting of a simplex or duplex pump kit and a simplex or duplex basin kit. It's easy to install and maintain because it contains everything needed. It includes drop-in items for areas with limited space, such as cottages and cabins. More configurable options are available, such as panel selection and basins with or without floats or guide rails.

Features & Benefits

- A system capable of grinding domestic sewage in individual residential applications
- An anti-roping cutter system
- A silicon bronze semi-open impeller with a non-overloading two-vane design, and pump-out vanes for mechanical seal protection
- Cast iron volute type casing for high efficiency
- Designed for continuous operation

Key Differentiators

- Extended warranty for members
- Superior seal quality



	GOULDS RGS Package	MYERS MRG20 Series	ZOELLER 820 Series	LITTLE GIANT GP Series	LIBERTY EPAK LSG Series
HP	2	2	2	2	2
VOLTAGE	208 & 230	230	230	208-230	208-230
DISCHARGE	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT
ANTI-ROPIING DESIGN	Yes 	No 	No 	Yes 	No 
IMPELLER	Silicon bronze non-overloading two-vane semi-open with pump-out vanes	Thermoplastic non-clogging	Thermoplastic vortex	Brass non-clogging	Cast iron two-vane semi-open
EXTERIOR	Cast iron 	Cast iron 	Cast iron 	Fiberglass 	Cast iron 
MECHANICAL SEAL	Rotary: silicon carbide  Stationary: silicon carbide	Carbon ceramic or tungsten carbide 	Carbon ceramic 	Carbon ceramic 	Carbon ceramic 
WARRANTY	2 years (3 years for GPDA members) 	1 year 	1 year 	5 years 	3 years 



6

SPECIALTY PUMPS



Specialty Pump Overview

Goulds Water Technology offers a wider variety of specialty pumps than our leading competitors. All are built durably to withstand the toughest of conditions, and each one includes an extended warranty for GPDA members.

Materials of Construction

- Stainless steel
- Cast iron
- Thermoplastic
- Polycarbonate/Noryl (engineered composites)

Performance Range

- 110 GPM
- 1/3 to 1.5 HP
- Single and three phases
- 142' Maximum head
- 2" NPT discharge

Specialty Pumps

High Temp Sump

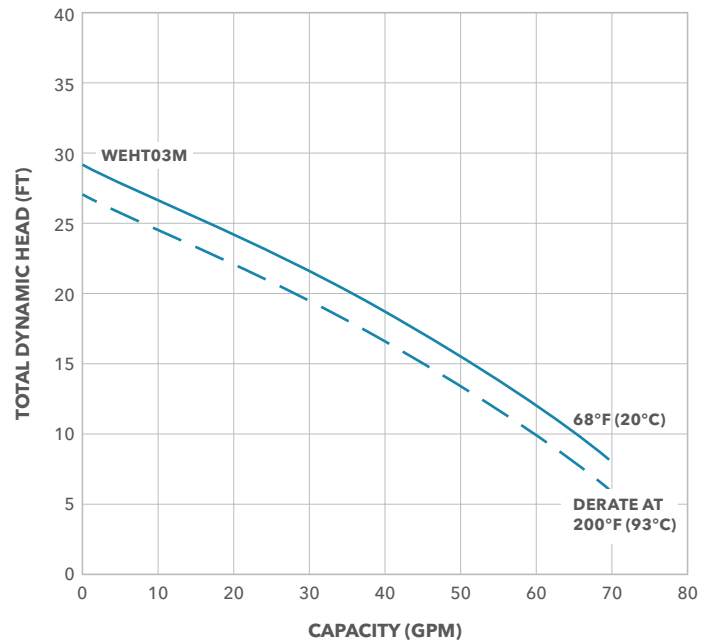
The High Temp Sump Pump is designed for extreme operating conditions and is instrumental where liquids are too hot for conventionally built submersible pumps. This would include moving wastewater coming from high temperature processes like boiler blow down or hot water rinses in the commercial plumbing market and applications requiring handling liquids up to 200°F. This series is built to pump corrosive or non-corrosive, clear or solid laden liquids and offers the only silicon carbide mechanical seal faces and all cast iron construction in the market. Designed for extended life under extreme operating conditions, the High Temp Sump Pump is able to handle the hottest of jobs with the greatest of ease.

Features & Benefits

- Impeller: Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection.
- Casing: Cast iron volute type for maximum efficiency. 2" NPT discharge and optional 1-1/2" NPT discharge.
- Shaft: Corrosion-resistant, stainless steel. Threaded design. Locknut on all models to guard against component damage on accidental reverse rotation
- Fasteners: 300 series stainless steel
- Capable of running dry without damage to components

Key Differentiators

- Extended warranty for members
- Superior exterior construction and seal quality
- Multiple voltage options



	GOULDS High Temp Sump	MYERS S40HT Series	ZOELLER 3000 Series	LITTLE GIANT HT-10E Series	LIBERTY HT40 Series
HP	1/3	1/3	1/2	1/2	4/10
VOLTAGE	115, 208 & 230 ● ●	115 ● ●	115 & 230 ● ●	115 ● ●	115 ● ●
SOLIDS HANDLING	3/4"	3/4"	2"	1/2"	3/4"
IMPELLER	Cast iron semi-open non-clogging with pump-out vanes or silicon bronze ●	Cast iron non-clogging vortex ●	Cast iron non-clogging vortex or bronze ●	Nylon vortex ●	Thermoplastic vortex ●
EXTERIOR	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
MECHANICAL SEAL	Silicon carbide ●	Carbon & ceramic faces ●	Carbon & NI-resist with viton elastomers ●	Carbon & NI-resist faces ●	Carbon ceramic ●
WARRANTY	2 years (3 years for GPDA members) ●	2 years ●	1 year ●	2 years ●	3 years ●

Specialty Pumps

1DW

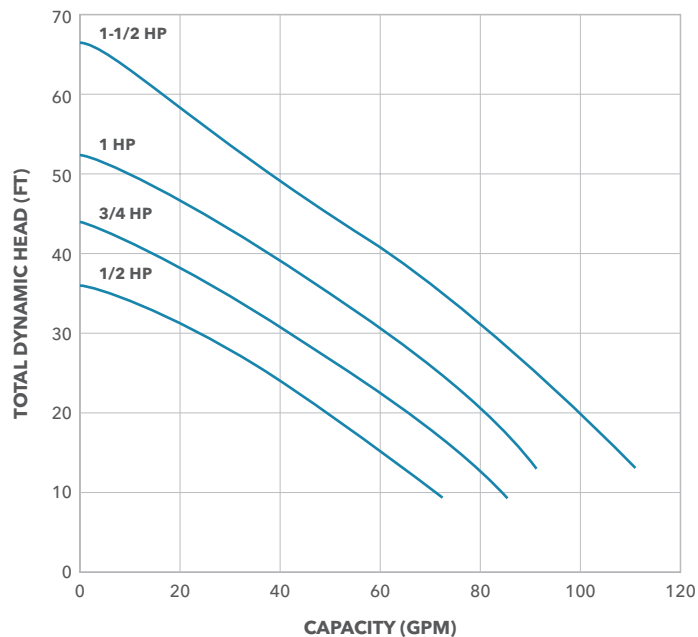
The 1DW will pass any solid that moves through its screened inlet. Its bottom suction allows the maximum amount of water to be removed. It can be brought to a construction site or a flooded area to effectively remove unwanted fluid. It's ideal for handling dirty water, draining ditches and pits, excavating buildings, water transfer, and industrial water drainage or transfer.

Features & Benefits

- AISI 304 SS open impeller
- AISI 304 SS diffuser plate with a polyurethane coating for maximum resistance to abrasion
- Mechanical seal with silicon carbide sealing faces, AISI type 300 stainless steel components running in a protected oil chamber, and BUNA-N elastomers
- AISI type 304 stainless steel, high strength pump shaft with keyed and locking cap screw impeller fastening
- Air-filled class F insulated motor, designed for continuous operation
- Pump with ratings within the motor's working limits that can be operated continuously without damage
- Upper and lower heavy-duty ball bearing construction

Key Differentiators

- Extended warranty for members
- Widest horsepower and voltage range
- Superior impeller and exterior construction material quality



	GOULDS 1DW Series	MYERS SPS4 Series	ZOELLER D98 Series	LITTLE GIANT 5-MSP Series	LIBERTY PRG Series
HP	1/2, 3/4, 1 & 1-1/2 ●	1/4 ●	1/2 ●	1/6 ●	1 ●
VOLTAGE	115, 230 & 460 ●	115 ●	115 ●	115 ●	115 & 230 ●
SOLIDS HANDLING	3/8"	1/8"	1/2"	1/4"	1/2"
IMPELLER	Stainless steel open ●	Thermoplastic semi-open ●	Thermoplastic non-clogging vortex ●	Nylon non-clogging ●	Cast iron with pump-out vanes on back shroud ●
EXTERIOR	Stainless steel ●	Thermoplastic/polyurethane ●	Cast iron ●	Cast aluminum ●	Cast iron ●
MECHANICAL SEAL	Upper: nitrile rubber Lower: silicon carbide	Carbon & ceramic	Carbon & ceramic	Nylon viton shaft seal	Unitized silicon carbide
WARRANTY	2 years (3 years for GPDA members)	1 year	1 year	3 years	3 years

Specialty Pumps

2DW

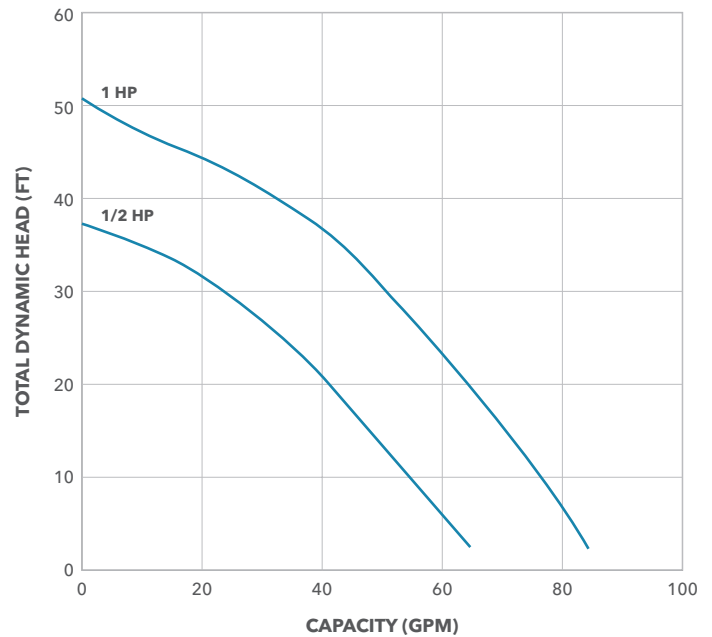
The 2DW will pass any solid that moves through its screened inlet. Its bottom suction allows the maximum amount of water to be removed. It can be brought to a construction site or a flooded area to effectively remove unwanted fluid. Its applications include drainage ditches, trenches, basements, manholes and excavating drainage in building construction.

Features & Benefits

- Polyurethane impeller, to resist wear and corrosion
- Adjustable discharge that can be installed either vertically or horizontally using only two screws
- Polyurethane diffuser, to resist wear and corrosion
- Dual mechanical seals for double leakage protection
- Rubber liner that protects against wear around the impeller
- Bottom strainer made of impact-absorbing EPDM rubber, with suction holes that allow for a low pump down

Key Differentiators

- Extended warranty for members
- Widest horsepower range
- Superior solids handling
- Adjustable discharge



	GOULDS 2DW Series	MYERS SPS4 Series	ZOELLER D98 Series	LITTLE GIANT 8 Series	LIBERTY PRG Series
HP	1/2 & 1 ●	1/4 ●	1/2 ●	4/10 ●	1 ●
VOLTAGE	115 & 230 ●	115 ●	115 ●	115 ●	115 & 230 ●
SOLIDS HANDLING	Strainer (all solids) ●	1/8" ●	1/2" ●	1-1/2" ●	1/2" ●
ADJUSTABLE DISCHARGE	Yes ●	No ●	No ●	No ●	No ●
IMPELLER	Polyurethane open	Thermoplastic semi-open	Thermoplastic non-clogging vortex	Polypropylene non-clogging	Cast iron with pump-out vanes on back shroud
EXTERIOR	Stainless steel	Thermoplastic/ polyurethane	Cast iron	Cast iron or cast bronze	Cast iron
MECHANICAL SEAL	Upper: nitrile rubber Lower: silicon carbide	Carbon & ceramic	Carbon & ceramic	Nylon viton shaft seal	Unitized silicon carbide
WARRANTY	2 years (3 years for GPDA members)	1 year	1 year	1 year	3 years

Specialty Pumps

20AE

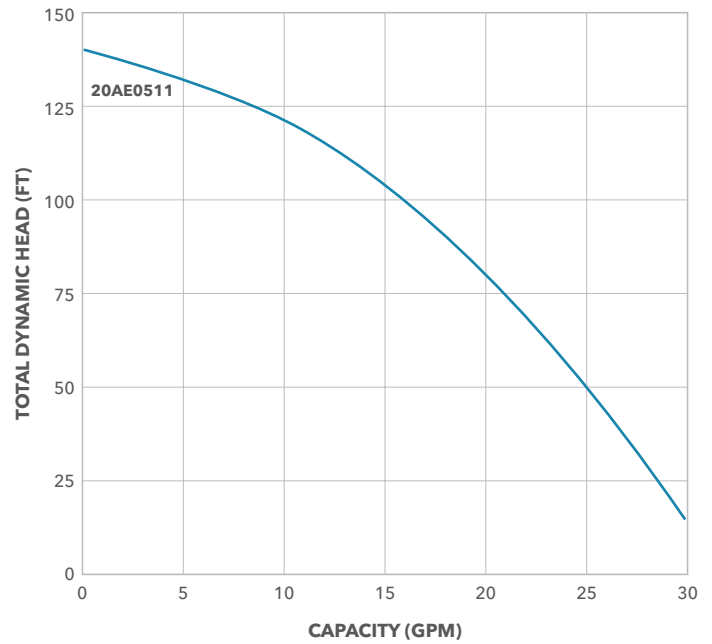
The 20AE has an industry-leading draw-down of 4.5". Approved for residential use (CSA/CUS listed), its applications include on-site filtered effluent and cistern.





















Features & Benefits

- Durable pump made of stainless steel with thermoplastic reinforcement
- Built-in thermal overload protection with automatic reset
- Pump base that accepts a 3" pipe, to assist with height adjustments
- Discharge head with a stainless steel insert
- Built-in check valve and capacitor

Key Differentiators

- Extended warranty for members
- Multi-stage impeller
- Highest maximum amplitude



	GOULDS 20AE Series	MYERS Rustler Series	ZOELLER M98 Series	LITTLE GIANT S Series	LIBERTY 280/290 Series
HP	1/2	1/2, 3/4, 1 & 1-1/2	1/2	1/2	1/2 & 3/4
VOLTAGE	115	115 & 230	115 & 230	115	115 & 208-230
SOLIDS HANDLING	N/A (1-1/4" discharge)	High-density composite resin	1/2"	1-1/2"	3/4"
MAX AMPLITUDE	9-1/2 	0 	9-2/5 	3-2/5 	8 
FILTER SCREEN	Included 	Included 	Not included 	Not included 	Not included 
IMPELLER	Thermoplastic multi-stage 	Noryl® self-lubricating engineered composite 	Thermoplastic non-clogging vortex 	Nylon vortex 	Polymer vortex 
EXTERIOR	Stainless steel	Stainless steel	Cast iron	Stainless steel or bronze	Cast iron
MECHANICAL SEAL	N/A	N/A	Carbon & ceramic	N/A	Unitized carbon ceramic
WARRANTY	2 years (3 years for GPDA members) 	1 year 	3 years 	2 years 	3 years 

Specialty Pumps

Blaster

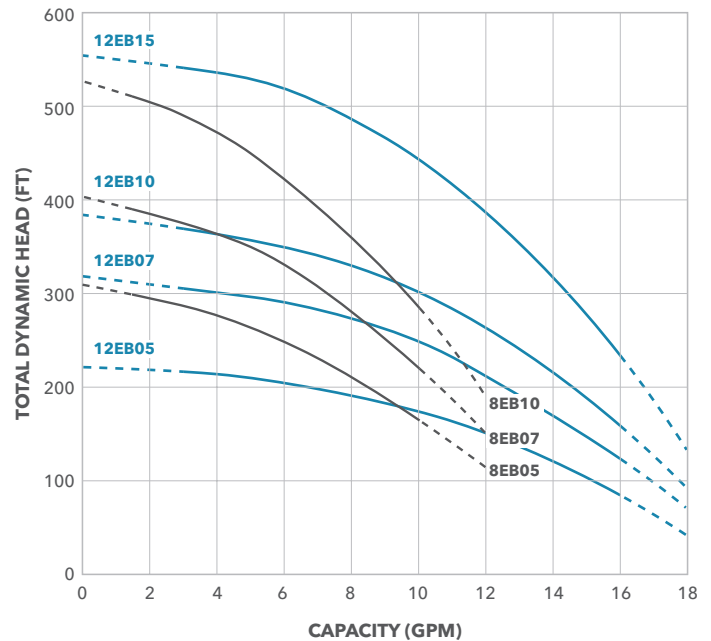
The Blaster features a hex shaft design for positive impeller drive. It's ideal for a variety of applications, including spray irrigation, drip systems, mound systems and long distance pumping jobs.

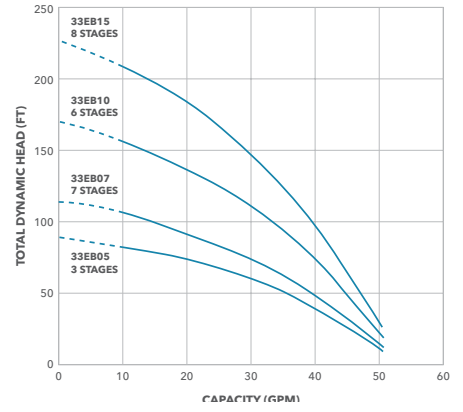
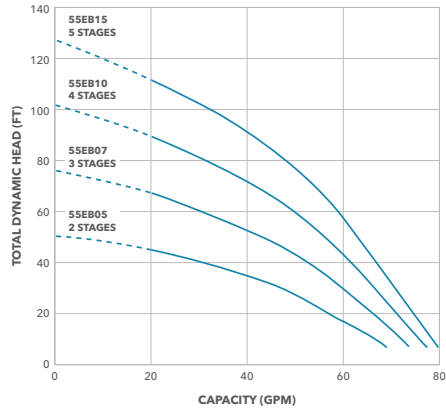
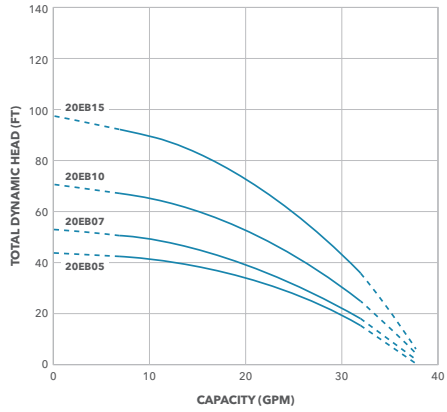
Features & Benefits

- Ratings within the working limits of the motor as recommended by the motor manufacturer, and can be operated continuously without damage to the motor
- Metal parts made of corrosion resistant, non-toxic and non-leaching stainless steel
- Non-metallic parts, such as impellers and diffusers, constructed of glass filled polycarbonate or Noryl® engineered composite, both of which are corrosion and effluent resistant
- Discharge head made of an engineered composite material for superior strength and corrosion resistance, with the loops for a safety line molded into the head
- Motor adapter made of an engineered composite material with high rigidity, to provide accurate alignment of liquid end to motor, and generous space for removing motor mounting nuts with an open-end wrench
- Stainless steel bowls for strength and abrasive resistance

Key Differentiators

- Extended warranty for members
- Widest range of impeller material options
- Hex shaft design





	GOULDS Blaster Series	MYERS J-BE Series	ZOELLER	LITTLE GIANT GP Series	LIBERTY
HP	1/2, 3/4, 1 & 1-1/2 ●	1/2, 3/4, 1 & 1-1/2 ●	No similar products	1/2 ●	No similar products
VOLTAGE	115 & 230	115 & 230	N/A	115 & 230	N/A
SOLIDS HANDLING	1/16"	1/16"	N/A	Glass-filled polypropylene	N/A
IMPELLER	Hex shaft design polycarbonate or Noryl® ●	Thermoplastic enclosed ●	N/A	Celcon ●	N/A
EXTERIOR	Stainless steel	Stainless steel & composite	N/A	Stainless steel	N/A
WARRANTY	1 year (2 years for GPDA members) ●	1 year ●	N/A	2 years ●	N/A



ACCESSORIES

Basins

Features & Benefits

- Easy pump installation
- Valves and piping complete
- Stainless steel guide rails
- Installed stainless steel float bracket
- Basin in specified size
- Nylon electric coupling
- Stainless steel cross braces & float bracket
- Stainless steel nuts, bolts and washers
- Basin lifting lugs
- Junction box NEMA 4X
- Duplex: steel hatch cover, Simplex: solid fiberglass cover

Materials of Construction

- Fiberglass
- Ribbed and roll top polyethylene with structural foam cover



Elevator Sump Kits & Components

Features & Benefits

- A system that protects the environment from hazardous waste
- Probes that detect oil and water, and disable the system if oil is detected in the pit
- A panel and switch that are kitted with effluent single-phase pumps

Applications

- Elevator sumps
- Hazardous locations where oil may be present



Accessories

Pre-Configured Panels

Common options available include seal fail, high temperature, cycle counter, ETM, lightning arrestors, and interface with building management systems

Features & Benefits

- Outdoor construction
- Pre-configured with all that's needed
- A solid state control board
- A high liquid level alarm circuit
- Thru-door mounted controls
- Can be wired for a separate power supply
- Dry contacts are standard

Applications

- Residential applications
- Commercial applications
- When typical options are required



Engineered to Order Panels

Multiple options are available

Features & Benefits

- NEMA 1 enclosure
- Run lights
- Motor rated for continuous duty
- Control logic board
- Class 48 NEMA starter in 3 phase
- Hand-off auto switch on front

Applications

- Commercial applications for multiple options



K Series Panels

These single phase wastewater panels provide the flexibility to choose between simplex and duplex operation.

Features & Benefits

- Simplex panel that controls one single phase wastewater pump (20 amps max)
- Duplex panel that alternately controls two single phase wastewater pumps (20 amps max) and continues operation in case of primary pump failure
- Three normally open float switches (Off/On/High Level Alarm) with 20' cords
- Rated NEMA 4X thermoplastic enclosure for both indoor and outdoor use
- Modern panel design, with integrated mounting tabs and padlock latch, for easy installation
- The ability to handle three voltages - 120V, 208V and 230V - for flexibility

Applications

- Residential applications



Touch Screen Monitoring Panels

Options available include time dose and drip irrigation controls

Features & Benefits

- Easy programming
- 0-20 amp range for 1 phase
- Touch pad on the inner door for monitoring
- 0-25 amp range for 3 phase
- Hand-off auto switch
- Circuit breakers
- Seven-segment LED display

Applications

- Specialty applications for high-end monitoring



Alarm Devices

Features & Benefits

- Indoor and outdoor alarm panels for sump, effluent and wastewater systems as well as cisterns and storage tanks
- Normally open (NO) floats for high level indication, or normally closed (NC) floats for low level indication
- Enclosures rated by NEMA Standards for location and placement
 - NEMA 1 for indoor use
 - NEMA 3R or 4X enclosures for outdoor use
- Tank alert alarms, provided with floats

Applications

- Residential applications
- Commercial applications for alarming - high level only



Battery Backup System

The Battery Backup System protects sump crocks and finished basements from power outages, by providing emergency backup service for a primary pump. It will also operate if the main pump can't keep up with the inflow.

Features & Benefits

- A battery powered sump pump that runs automatically during a power outage, and serves as a backup if the primary pump breaks down
- Automatic start-up
- Self-charging
- Indicator lights on the charger
- An alarm that sounds when pumping and battery won't charge



Xylem |'zīləm|

1) The tissue in plants that brings water upward from the roots;2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services, and agricultural settings. With its October 2016 acquisition of Sensus, Xylem added smart metering, network technologies and advanced data analytics for water, gas and electric utilities to its portfolio of solutions. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com



Xylem Inc.
2881 East Bayard Street
Seneca Falls, NY 13148
Phone: (800) 453-6777
Fax: (888) 322-5877
www.gouldswatertechnology.com

Goulds Water Technology is a registered trademark of Goulds Pumps, Inc. and is used under license.
© 2017 Xylem, Inc.