



www.flofab.com



PLUMBING CATALOG

PSM

PSMFC • 500 Series • 600 Series

Booster

Package

Oil Package 400

Boiler Package BOI

Chiller Package CHI

Duplex Fuel Oil System D-FOM

Constant Pressure System D-CPS-HT Duplex

Submersibles

LB • LBV • LBK • LBC • FGC • FNC
TBV • FBV • FCC • BAF • FF • BERS



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History

Flo Fab was established in 1981 by Denis Gauvreau who created and developed the products line and constantly being perfected by Marc Gauvreau, as well as by a team of professional engineers and designers. It's a combination of existing designs from several renowned products and the innovative ideas of a new generation professionals.

Through the years, Flo Fab has acquired several companies and service entities including : AQUA-PROFAB (ASME Tanks manufacturer), MÉNARD, LÉONARD ÉLECTRIQUE, PMA. , Furthermore Flo Fab purchased equipment, fabrication designs and patterns from IDEALCO, a manufacturer of shell and tube type heat exchangers.

The after sales services, sales, engineering, R&D, production, quality control, accounting and administration departments of all the above companies share the same location.

In December 2014, Marc Gauvreau, son of the founder, acquired all shares of The company. Flo Fab and is constantly investing in new state of the art innovations new product like the XRI series and Prefab Skid for Hydronic Heating & cooling system, pumping systems. This has allowed Flo Fab to retain competent and experienced staff of professionals with varied and specialized abilities that constantly work on improving our existing products and add new engineered solutions that exceed customer's expectations .

Flo Fab has grown quite rapidly and now proudly offers of a wide range of products available directly from one manufacturer. This includes pumps & pump packages, tanks, heat exchangers & hydronic accessories. This allows each project stakeholders to enjoy economical savings, peace of mind, best value for their investment and optimized total cost of ownership.

About us

CENTRIFUGAL PUMPS | TANKS
COMPLETE CHILLER PACKAGE

Flo Fab is a leader in the pumps industry. In-line Pumps, In-line Circulators, End Suction Base Mounted, Horizontal Closed Coupled End Suction, Horizontal Closed Coupled Stainless Steel Pump, Multi Stage, Submersible Effluent & Sewage, Condensate, Boiler Feed Closed Coupled, Vertical Turbine, Split Case, 16 Position Single Suction, Flo Fab has it and so much more. All Flo Fab pump products are made with a resin pattern which results in an improved exterior finish, smooth interior passage, and higher efficiency pumps. All pumps are factory tested and a certified performance test is available when requested by the consultant.



OVER THE YEARS, FLO FAB HAS GROWN AND DEVELOPED A FULL LINE OF PUMPS FOR DIFFERENT MARKET SEGMENT. WE OFFER A FULL LINE OF HVAC, PLUMBING, INDUSTRIAL, MUNICIPAL AND RELATED ACCESSORIES.

We are proud to offer a wide range of products directly from one manufacturer. This includes pump, integrated skids package, tanks, heat exchangers and hydronic accessories. As the one stop shop, each stakeholder is afforded economical savings, one source responsibility, best value for their investment and optimized total cost of the project.



All Flo Fab pump products are made with a resin pattern which results in an improved exterior finish, smooth interior passage, and higher efficiency pumps. All pumps are factory tested and we offer an optional performance test.



1981

Flo Fab was founded by Denis Gauvreau who created and developed the product line.

1990

Flo Fab sells its own line of pumps designed in Quebec. It all started in a small factory located in Laval.

2000

In 2000, Flo Fab has moved to a new factory of 28,000 sq. ft. in Bois-des-Filion.

2022

The boom in the construction industry allowed Flo Fab to have a great year despite the pandemic.

2020

The plant was expanded by another 37,000 sq. ft.

2020

Sales are up 40%

2014

Marc Gauvreau, son of the founder, acquired all the shares of the company.

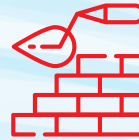
The company is experiencing, an impressive growth.

Magazine Quebec Enterprise, volume 63
Text by Guy Hébert



MANUFACTURE

When Denis Gauvreau founded Flo Fab in 1981, the company was only doing the distribution of pumps and accessories HVAC (Heat, Ventilation and Air) Conditioning - HVAC for heating, ventilation and air conditioning). Later, under the governance of the second generation of Gauvreau, Flo Fab began manufacturing pumps. The manufacturing side of the company was born with the conception design of an accessory that measured the flow rate in water pipes. Today Flo Fab is now run by Marc Gauvreau, with the support of its employees competent at all levels and in all divisions..



CONSTRUCTION

During these years, Flo Fab has developed pumps with stainless steel recessed impellers for its 4 900 H&V, 2600, XRI series Universal and ZDRI with double suction. Stainless steel impellers have longer life, regardless of either the applied liquid to be compared to the similar bronze impellers.



DELIVERY

The company is now selling its product in the United States, in the Caribbean and in South America where demand is currently growing. Along the way, we also did the acquisition of a service center to to get to know the strengths and weaknesses of competitors' products. We are a small player in a very big market where we have to find creative solutions to counter protectionist policies like the Buy America Act. This is after the 2008 crisis that we have decided to improve our turnover in Canada», says Marc Gauvreau.



ITS OWN LINE

Since 1990, Flo Fab has been selling its own line of pumps designed right here at Quebec. It all started in a small factory located in Laval. In 2000, Flo Fab has moved to a new factory of 28,000 sq. ft. in Bois-des-Filion, which has even been enlarged by another 37,000 ft2 in 2020



Our Advantages



Statistics

The boom in the construction industry has allowed Flo Fab to have a record year despite the pandemic in 2020 and already in 2021, sales are up 40%.



A Pioneer in the Industry

Our Founder



Our Employees

With about 50 employees including several engineers « on the mark » as the saying goes proudly Marc Gauvreau, and about forty of subcontractors, Flo Fab sees the future with optimism while recognizing that one of its biggest challenges is the retention of its staff



Flo Fab expands to serve you better

The expansion of the facilities in Bois-des-Filion made it possible to reorganize the factory in order to increase the production rate. « The contractor handed over the keys to us on March 13, 2020, the day the pandemic forced the government to impose almost general confinement.



« As soon as there is a crane. There is a pump »

« there are pumps everywhere and as soon as there is a crane, for example, there is a pump », specifies the president. The company also offers complete sets of boiler rooms.

PACKAGED SYSTEMS



Series: S-BFCE
Type: Elevated Boiler Feed
Capacities: up to 50 to 210 Gallons (189 to 795 liters)
Pressure: Atmospheric
Temperature: up to 550°F (288°C)
Construction Material: Carbon Steel, Stainless Steel



Series: S-BFC / D-BFC
Type: Boiler Feed
Capacities: up to 50 to 210 Gallons (189 to 795 liters)
Pressure: Atmospheric
Temperature: up to 550°F (288°C)
Construction Material: Carbon Steel, Stainless Steel



Series: S-CVC / D-CVC
Type: Condensate Unit (Duplex Model Shown)
Capacities: up to 150 USGPM (34 m³/hr)
Head: up to 115 ft. (35 m)
Pressure: up to 50 PSI (345 kPa)
Horsepower: up to 5 HP (3.7 kW)
Drives: Closed Coupled, Electrical Motors
Applications: Clear, Clear Condensate or Boiler Feed Water
Temperature: up to 200°F (93°C)
Construction Material: Cast Iron, Bronze Fitted



Series: S-FOM/D-FOM/Q-FOM
Type: Fuel Oil System (Duplex Model Shown)
Capacities: up to 13,7 USGPM (3,1 m³/hr)
Head: up to 692 ft. (300 PSI) (211 m)
Pressure: up to 300 PSI (2068 kPa)
Horsepower: up to 5 HP (3.7 kW)
Drives: Electrical Motors
Applications: Light Fuel Oil
Temperature: up to 150°F (65°C)
Construction Material: Bronze / Stainless Steel or Cast Iron

Quotation Requirements for Skid Package

What we need ?

- 1.1 System PID
- 1.2 Pumps, Tanks and Heat Exchangers Schedule
- 1.3 Cut sheets for non FloFab parts such as Boilers, Chillers, etc.
- 1.4 Skids footprint
- 1.5 Mechanical room footprint
- 1.6 Control Sequence details



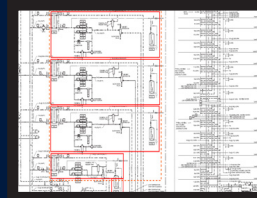
Quality Control

All pumps are factory tested and certified performance test is available when requested by the consultant. Test facilities up to 400 HP with 27,000 gallon test bench with calibrated instruments.

Skid Advantages

- Solution for both : New construction and Retrofit.
- Easily add more modules for future expansion.
- One single point of Responsibility / Contact .
- One single submittal for approval Vs. Individual submittals for each component.
- Financial : Cost reduction, Effectively reduce total cost of ownership for all project stakeholders (Contractor / Consultant Engineer / End User)
- Financial : Space saving due to optimized space utilisation.
- Financial : Time (Cost) saving : Skid built in parallel during building construction, also .
- Financial : Cash flow management: One single invoice / payment for all works
- Financial : Overhead saving including project management, logistical coordination, insurance expense, ...etc
- Financial : No surplus or extra components left after fabrication by contractor.
- Time (Cost) saving : No construction delay due to tested = site plug & play
- Safety: Avoid unpleasant site safety incidents and lost days as we tremendously minimize job site man-hours.

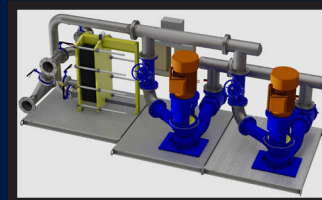
PID:



Production:



Package:



2.1 Heating and Cooling Systems

2.2 Module HC will be composed of two pumps, control panel VFD, expansion tank, air separator, chemical pot Feeder, and glycol fill system (optional), balancing valves, isolation valves, air vents and drain connections, multifunction valves, suction diffusers or Y strainers, interconnecting black steel schedule 40 piping. All package components are mounted on a structural steel base with lifting lugs.

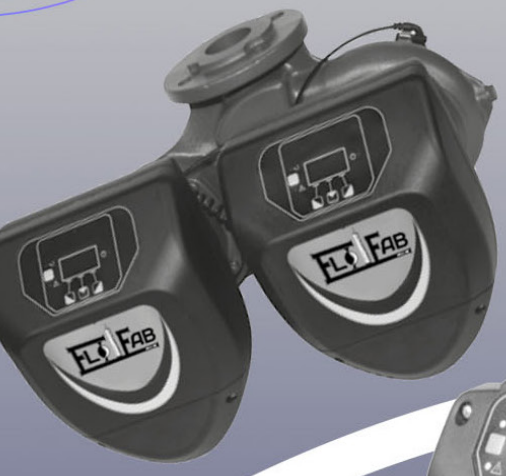
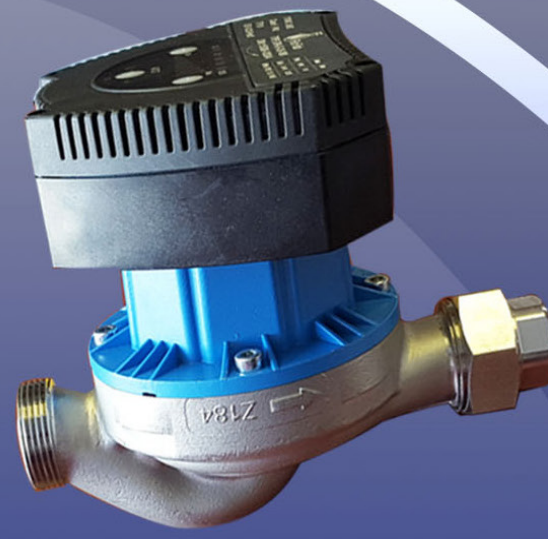
SPECS example :

Product	Product Type	Section(s)	Date Submitted	Status	
XRI	Separately Coupled, Horizontally Mounted, In-Line Centrifugal Pumps	232123-HYDRONIC PUMPS	1/5/2016	Submitted	View Details
880RI	Separately Coupled, Vertically Mounted, In-Line Centrifugal Pumps	232123-HYDRONIC PUMPS	1/5/2016	Submitted	View Details
2000	Separately Coupled, Base-Mounted, End-Suction Centrifugal Pumps	232123-HYDRONIC PUMPS	1/5/2016	Submitted	View Details



SERIE 500 Circulating Pump

Available in Both
the Single
and Twin Version





PSM 60Hz PSMFC

Light Vertical Multistage
Centrifugal Pump

**FOR NEMA
C-FRAME
MOTORS**



BOOSTER



STANDARD BOOSTER SYSTEM

Benefits

- NSF Certified
- Prefabricated and factory tested
- 3rd party UL/C-UL listed system
- ANSI/NSF-61 Certified
- Low Lead Certification meets NSF 372 $\leq 0.25\%$ weighted average lead content
- TAP Technology Control algorithm meets ASHRAE 90.1 requirements
- Designed to fit through standard 36" doorway
- Space saving design
- PLC-VFD direct Modbus communication offers unrivaled response
- Systems are hydrostatically, electrically and run tested before shipment
- Single source responsibility
- Pipe welding performed by ASME IX certified pipe welders.

Applications

- Commercial Plumbing
- Municipal
- Institutional
- Process
- Industrial

Certifications



ENGINEERED - To - ORDER

Benefits

- Certificate of Product Liability Insurance
- Prefabricated and factory tested - NIST Traceable Test Facility
- UL/C-UL Listed Packaged Pumping Systems (QCZJ)
- ASME Section IX Certified Pipe Welders
- AWS D1.1 Certified Structural Welders
- UL Standard 508A - Standard for Industrial Control Panels
- Engineered to Order Designs
- Systems are hydrostatically, electrically and run tested before shipment
- Single source responsibility
- Pipe welding performed by ASME IX certified pipe welders.

Applications




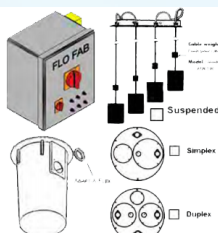
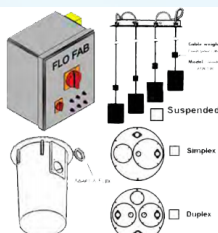
- Commercial Plumbing
- Municipal
- Institutional
- Process
- Industrial

Certifications



SUBMERSIBLE PUMPS

						
SERIES	LB-25, 40, 75, 215 & 315	FS-237, 337 & 437, 475, 675, 4110, 6110, 8110	LBV-40	LBV-75, 215 & 315	LBK-75	LBK-215 & 315
TYPE	Effluent Pump	Multi-Purpose Drainage Pump	Effluent & Sewage Vortex Pump	Effluent	Sewage Non Clog Pump	
CAPACITIES	up to 175 USGPM (40 m ³ /hr)	up to 1400 USGPM (317 m ³ /hr)	up to 159 USGPM (36 m ³ /hr)	up to 185 USGPM (42 m ³ /hr)		
HEAD	8 to 72 ft. (2.4 to 21.5 m)	10 to 163 ft. (3 to 49 m)	4 to 59 ft. (1.2 to 18m)	10 to 59 ft. (3 to 18m)		
SOLID SIZE	3/8" (9 mm)	3/4" (19 mm)	3/4" (19mm) 2" (50mm)	3/4" (19mm)	2" (50mm)	
HORSEPOWER	up to 1 HP (0.75 kW)	up to 30 HP (22 kW)	up to 1 HP (0.75 kW)	up to 1 HP (0.75 kW)		
DRIVES	Air Filled Electrical Motors Explosion Proof	Air Filled Electrical Motors Explosion Proof	Air Filled Electrical Motors Explosion Proof	Air Filled Electrical Motors Explosion Proof		
APPLICATIONS	Water	Water	Water, Sewage & Waste Liquids	Water	Water & Waste Liquids	
TEMPERATURE	up to 200°F (94 °C)	up to 200°F (94 °C)	up to 200°F (94 °C)	up to 200°F (94 °C)		
CONSTRUCTION MATERIALS	Cast Iron	Cast Iron and Stainless Steel	Cast Iron	Cast Iron		

					
SERIES	FBV-332	FBV-337 & 437	FGC-015 / FGC-022 FGC-037 / FGC-055	BAF	
TYPE	Sewage Non Clog Pump	Sewage Grinder Pump	Break Away Fitting		
CAPACITIES	up to 317 USGPM 72 m ³ /hr	up to 61 USGPM 14 m ³ /hr			
HEAD	8 to 66ft (2.4 to 20 m)	17 to 105ft (5.2 to 32 m)			
SOLID SIZE	2" (50 mm) 3" (80 mm)	3/4" (19 mm)			
HORSEPOWER	up to 5 HP (3.7 kW)	up to 5 HP (3.7 kW)			
DRIVES	Air Filled Electrical Motors Explosion Proof	Air Filled Electrical Motor Explosion Proof			
APPLICATIONS	Water, Sewage & Waste Liquids	Water, Sewage & Waste Liquids			
TEMPERATURE	up to 200°F (94°C)	up to 200°F (94°C)			
CONSTRUCTION MATERIAL	Cast Iron	Cast Iron	Cast Iron		

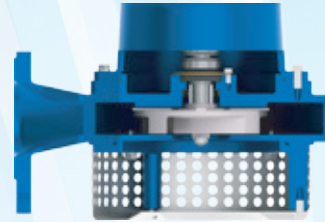
LB SERIES DRAINAGE PUMPS

Discharge Bore : 50 - 80 mm

Motor : 0.25 ~ 0.75 kW

Impeller Type : Semi-Open impeller

Features : Offering high performance in various effluent pumping applications.



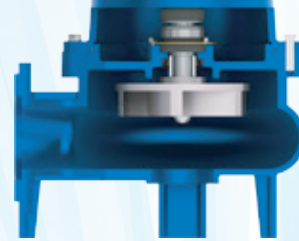
LBV - FBV SERIES VORTEX PUMPS

Discharge Bore : 50 - 100 mm

Motor : 0.4 ~ 7.5 kW

Impeller Type : Vortex impeller

Features : A whirling action enables large solids and fibrous matters to be pumped out without obstruction.



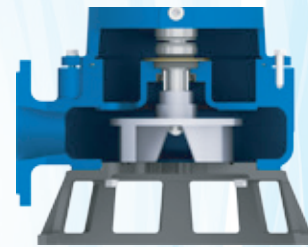
LBK - FBK SERIES NON-CLOG PUMPS

Discharge Bore : 50 - 100 mm

Motor : 0.4 ~ 2.2 kW

Impeller Type : Semi-Open Channel impeller

Features : Wide channel allows solids passing with minimal blockage.



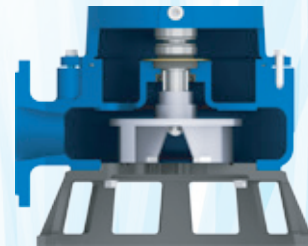
LBC - FBC SERIES CUTTER PUMPS

Discharge Bore : 50 - 100 mm

Motor : 0.4 ~ 2.2 kW

Impeller Type : Semi-Open Channel Cutter impeller

Features : Utilizing a cutter mechanism and tungsten carbide alloy to cut fibrous matters and to prevent clogging.



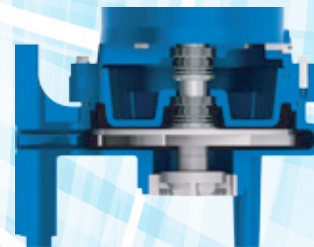
FGC SERIES GRINDER PUMPS

Discharge Bore : 32 - 50 mm

Motor : 0.75 ~ 5.5 kW,

Impeller Type : Vortex impeller

Features : Employing a grinding mechanism to prevent clogging, especially ideal for narrow sewer.



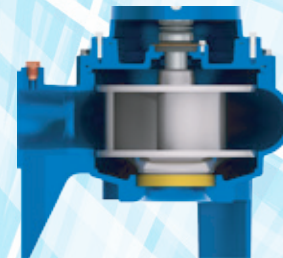
FNC SERIES SINGLE CHANNEL PUMPS

Discharge Bore : 80 - 150 mm

Motor : 3.7 ~ 22 kW

Impeller Type : Single Channel impeller

Features : Passing 76mm diameter solids without clogging.



TBV SERIES VORTEX & AGITATOR PUMPS

Discharge Bore : 80 mm

Motor : 1.5 ~ 2.2 kW

Impeller Type : Vortex impeller

Features : Coupled with an agitator, which significantly and efficiently improves solids handling.



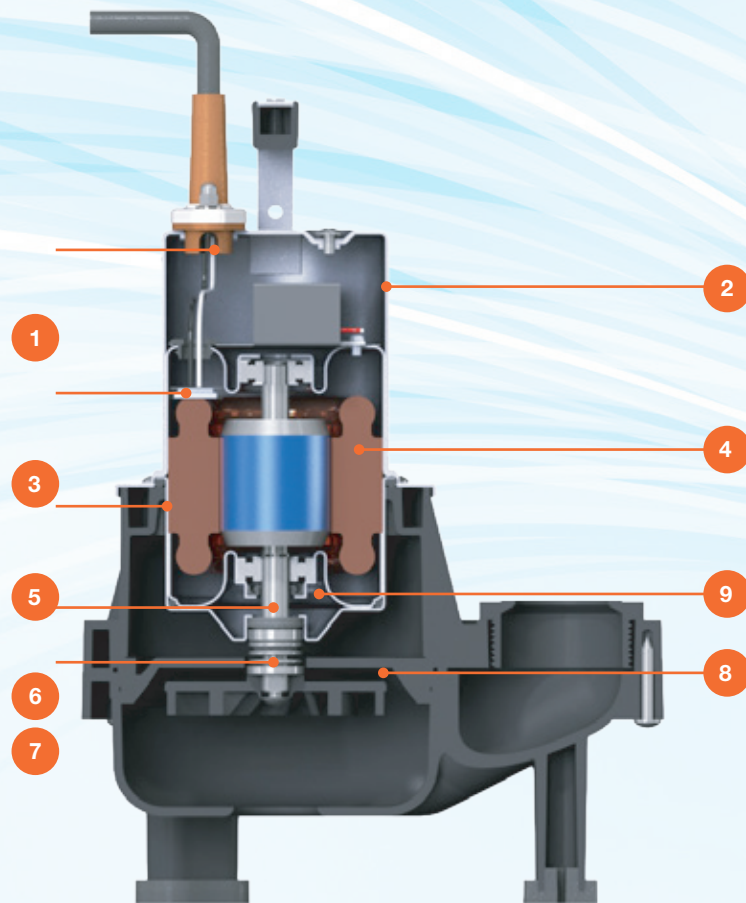


LB 25

HANDY & RESIDUE PUMPS

The LB 25 pump is suitable for a variety of domestic applications, including draining basements and garages, emptying swimming pool and fountains, gardening, and hobby applications in general.

- Compact, lightweight, and easy-to-use design
- Stainless Steel 304 motor housing with lightweight top cover, pump casing, impeller, and suction grids.
- Air filled motor with Class F insulation.
- Thermal protection on motor.
- Built-in high torque capacitor.
- Triple seals design.
- Removable filter screen for easy maintenance.



FEATURES

1 Watertight Cable Entry

Watertight cable entry prevents water incursion from the capillary wicking.

2 Durable Outer Housing

The outer housing made of 304 stainless steel provides impact resistant to harsh handling and conditions.

3 Motor Protector

The motor incorporates a miniature thermal protector which protects against overheating and dry-run.

4 Submersible Motor

Air filled motor, housed in a watertight casing, conforms to Class F insulation.

5 Stainless Steel 304 Motor Housing

The material provides superior corrosion resistance.

6 C3 Ball Bearings and Hardened SS Shaft

High quality of C3 ball bearings and the well-balanced, hardened stainless steel shaft enhance stability during continuous pumping operations.

7 Mechanical Seal

The premium mechanical seal provides extra protection against leakage and longer life span.

8 Impact-resistant Nylon pump casing and suction grid

Lightweight design and corrosion-resistance.

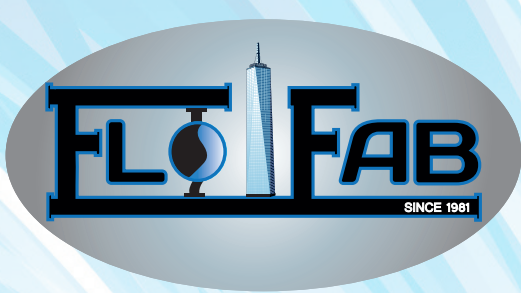
9 Food Grade Lubricant

FLOFAB adopts eco-friendly lubricant to minimize environmental impacts.

SEWAGE PUMPS

DRAINAGE PUMPS
 VORTEX SEWAGE PUMPS
 NON-CLOG PUMPS
 CUTTER PUMPS

GRINDER PUMPS
 SINGLE CHANNEL PUMPS
 VORTEX & AGITATOR PUMPS



COMMON FEATURES

1 Watertight Cable Entry

The cable entry employs an anti-wicking block where each conductor is stripped and encapsulated in epoxy. This feature effectively prevents water from penetrating the motor chamber when the cable end is submerged or the cable sheath is damaged.

2 Motor Protector

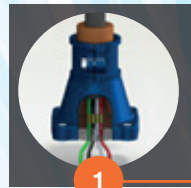
The motor incorporates a motor protection device which protects against overheating and dry-run. Pumps with a capacitor-run or direct-on line starting motor are equipped with a circle thermal protector. Pumps with a start-delta starting motor are equipped with miniature thermal protectors in each phase.

3 Submersible Motor

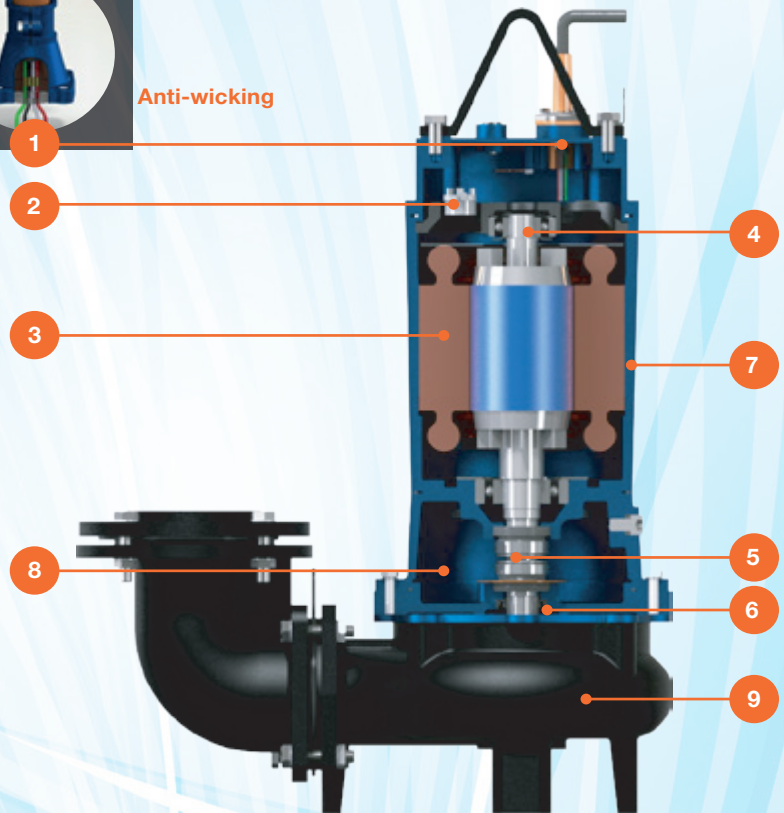
Air filled motor, housed in a watertight casing, conforms to Class F insulation.

4 C3 Ball Bearings and Hardened SS Shaft

High quality of C3 ball bearings and the well-balanced, hardened stainless steel shaft enhance stability during continuous pumping operations.



Anti-wicking



5 Double Mechanical Seals

Located in the oil chamber, the device is made of quality materials with highly wear-resistant silicon carbide in lower side that provides extra protection against leakage and dry-run.

6 Extra Protection for Mechanical Seals and Shaft

Lip seals and shaft sleeves are utilized for additional protection against wear.

7 Rugged Cast Iron Design

The whole cast iron pump features a simple, robust structure that provides durability and impact resistance to rough conditions.

8 Food Grade Lubricant

FLO FAB adopts eco-friendly lubricant to minimize environmental impacts.

9 Impellers and Volutes

Types of impellers and volutes are varied with pump models, cultivated through years of experience in the pump manufacturing industry.

They include single channel impellers, vortex impellers, semi-open impellers, grinders, and agitators.





STAINLESS STEEL PUMPS

DEWATERING & SEWAGE VORTEX

FLOFAB stainless steel pumps consist of four dewatering pumps (FSS-400-750-215 -315) and two sewage pumps (LBVSS75-215). All components in contact with the liquid are made of 304 stainless steel.

These pumps are designed for handling clean water or screened wastewater, also applicable to the aquaculture industry with the use of the food-grade lubricant.

FEATURES

1 Watertight Cable Entry

The cable entry employs an anti-wicking block where each conductor is stripped and encapsulated in epoxy. This feature effectively prevents water from penetrating the motor chamber when the cable end is submerged or the cable sheath is damaged.

2 Top Discharge and Double Housing Design

Designed to construct a water jacket that provides maximum motor cooling effect for continuous operation at low water level, this feature forms the cylindrical and slim shape of the pump and enables the pump to be installed in confined spaces.

3 Motor Protector

The motor incorporates a circle thermal protector which protects against overheating and dry-run.

4 Submersible Motor

Air filled motor, housed in a watertight casing, conforms to Class F insulation.

5 C3 Ball Bearings and Hardened SS Shaft

High quality of C3 ball bearings and the well-balanced, hardened stainless steel shaft enhance stability during continuous pumping operations.

6 Double Mechanical Seals

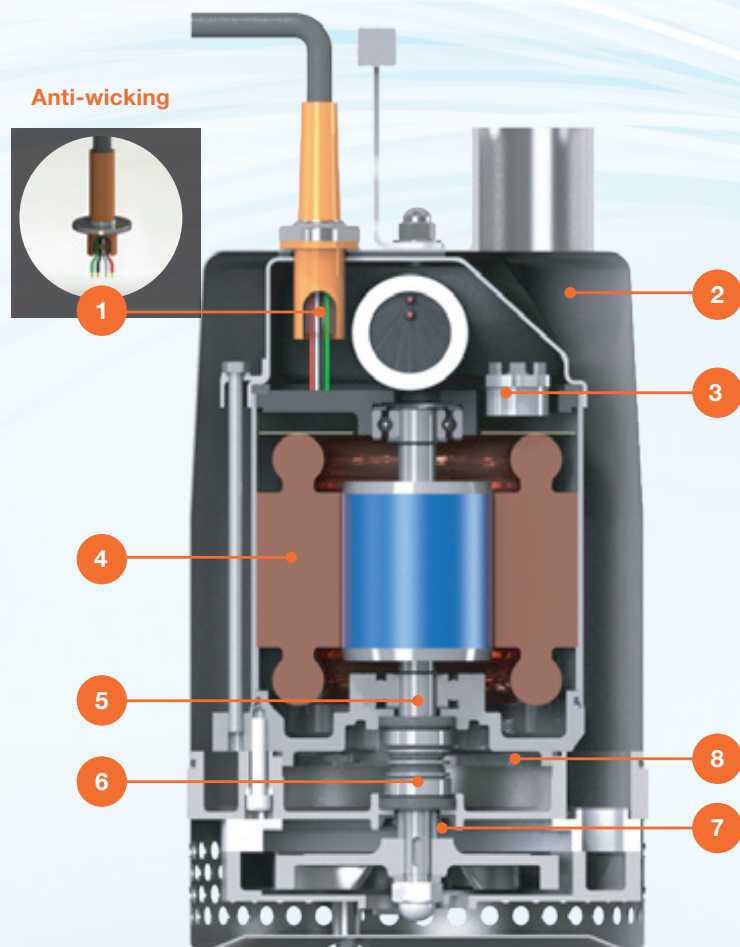
Located in the oil chamber, the device is made of quality materials with highly wear-resistant silicon carbide in lower side that provides extra protection against leakage and dry-run.

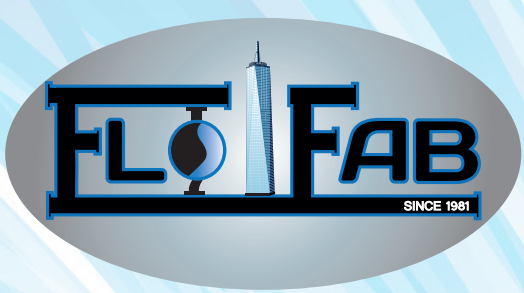
7 Extra Protection for Mechanical Seals and Shaft

Lip seals and shaft sleeves are utilized for additional protection against wear.

8 Food Grade Lubricant

FLO FAB adopts eco-friendly lubricant to minimize environmental impacts.





FS SERIES

HANDY & RESIDUE PUMPS

Compact, lightweight and easy to use, the FS handy & residue series pumps (FS-400-750-1500) deliver high performance for their size. These small but effective dewatering pumps are easily maintained and perfect for a variety of applications, such as small construction sites, rental industries, and municipal jobs.

FEATURES

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7 Extra Protection for Mechanical Seals and Shaft

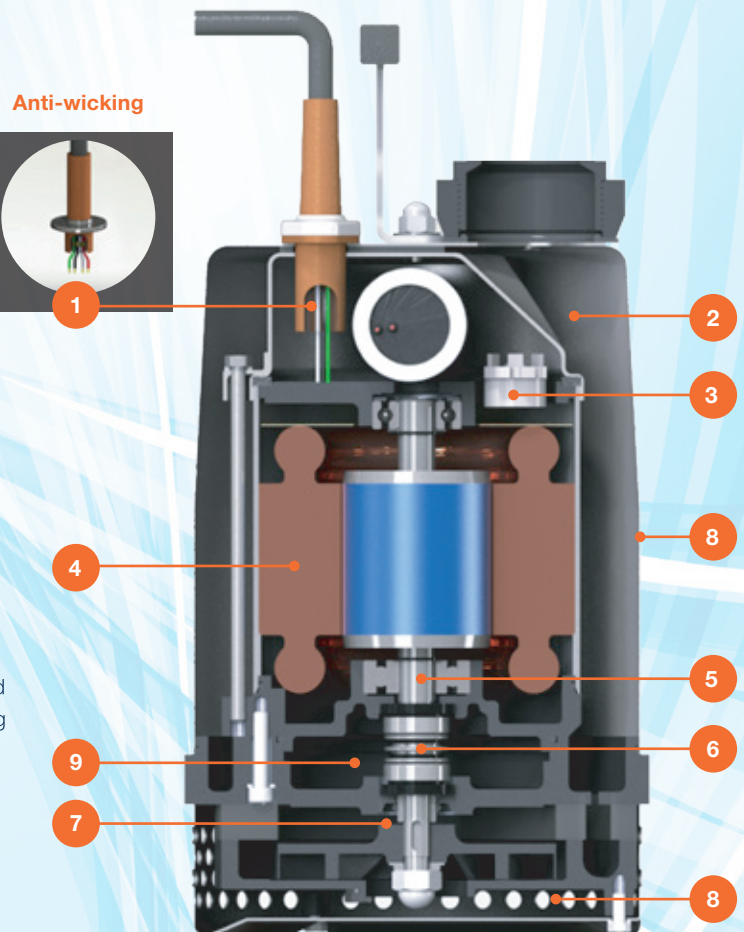
Lip seals and shaft sleeves are utilized for additional protection against wear.

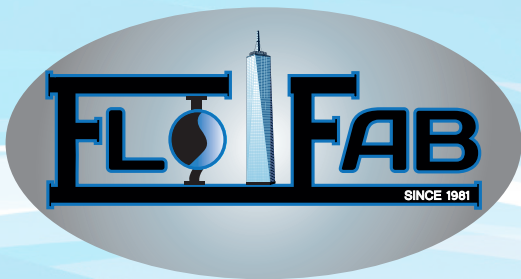
8 Durable Outer Jacket and Strainer

The outer housing and strainer made of 304 stainless steel provide impact resistant to harsh handling and conditions.

9 Food Grade Lubricant

FLO FAB adopts eco-friendly lubricant to minimize environmental impacts.





FS SERIES

HIGH CHROME DEWATERING PUMP

Designed for continuous operations, excellent performance and easy maintenance, FLO FAB FS series pumps have proven their reliability and durability in demanding areas like construction, mining, tunneling, quarries, industries and rental applications.

FEATURES

1 Watertight Cable Entry

The cable entry employs an anti-wicking block where each conductor is stripped and encapsulated in epoxy. This feature effectively prevents water from penetrating the motor chamber when the cable end is submerged or the cable sheath is damaged.

2 Multi-Direction Discharge Coupling

Discharge can be converted between vertical and horizontal directions. In pumps 7.5 HP and larger, a vertical discharge connection is supplied as standard.

3 Motor Protector

The motor incorporates a circle thermal protector which protects against overheating and dry-run.

4 Top Discharge and Double Housing Design

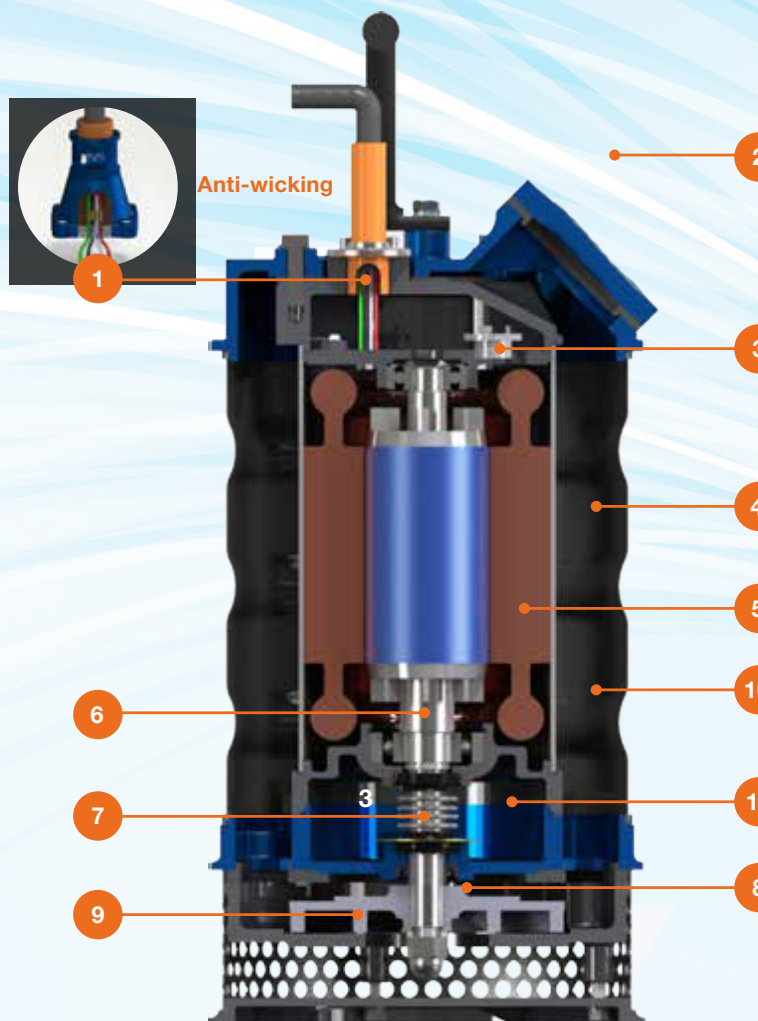
Designed to construct a water jacket that provides maximum motor cooling effect for continuous operation at low water level, this feature forms the cylindrical and slim shape of the pump and enables the pump to be installed in confined spaces.

5 Submersible Motor

Air filled motor, housed in a watertight casing, conforms to Class F insulation.

6 C3 Ball Bearings and Hardened SS Shaft

High quality of C3 ball bearings and the well-balanced, hardened stainless steel shaft enhance stability during continuous pumping operations.



The above images are for illustration purposes only, please refer to datasheets for more details.

7 Double Mechanical Seals

Located in the oil chamber, the device is made of quality materials with highly wear-resistant silicon carbide in lower side that provides extra protection against leakage and dry-run.

8 Extra Protection for Mechanical Seals and Shaft

Lip seals and shaft sleeves are utilized for additional protection against wear.

9 High Chrome Iron Impeller

FLO FAB patent formula, ACrS Tech is applied to all high chrome iron impellers. This technology increases wear resistance to particle abrasion.

10 Durable Outer Jacket and Strainer

Corrugated Outer Jacket and strainer made from 304 stainless steel provide impact resistance to harsh handling and conditions. In pumps 7.5 HP and larger, flat 304 stainless steel outer casing is provided as standard.

11 Food Grade Lubricant

FLOFAB adopts eco-friendly lubricant to minimize environmental impacts.

Large Engineered Submersible



FF6BSE-LDS / 9-30 HP

Discharge: 6", 125 lb, flange horizontal.
Spherical solids handling: 4"
HP: 9-30
RPM: 1150
Impeller: 1 vane, closed, with vanes on back side.
Materials: Cast iron ASTM A-48, class 30.
Shaft: 416 series stainless steel.
Motor: NEMA B, three phase, 230/460 volts, 60 Hz,
Application: oil filled.

Requires overload protection to be included in control panel.



FF8BSE-HLDS

Discharge: 8", 125 lb, flange horizontal.
Spherical solids handling: 3"
HP: 36-48
RPM: 1150
Impeller: 3 vane, closed, with a bronze wear ring and vanes on back side.
Materials: Cast iron ASTM A-48, class 30.
Shaft: 416 series stainless steel.
Motor: NEMA B, three phase, 230/460 volts, 60 Hz,
Application: oil filled.

Requires overload protection to be included in control panel.



FF6BSE-LDS / 18-60 HP

Discharge: 6", 125 lb, flange horizontal.
Spherical solids handling: 4"
HP: 18-60
RPM: 1750
Impeller: 1 vane (2 vane for 48 & 60 HP), closed, with vanes on back side.
Materials: Cast iron ASTM A-48, class 30.
Shaft: 416 series stainless steel.
Motor: NEMA B, three phase, 230/460 volts, 60 Hz,
Application: oil filled.

Requires overload protection to be included in control panel.



FF8BSE-HADS

Discharge: 8", 125 lb, flange horizontal.
Spherical solids handling: 3"
HP: 30-75 / 100-200
RPM: 1150 / 3450
Impeller: 3 vane, closed, with a bronze wear ring and vanes on back side.
Materials: Cast iron ASTM A-48, class 30.
Shaft: 416 series stainless steel.
Motor: NEMA B, three phase, 230/460 volts, 60 Hz, air cooled. Explosion proof, class 1, division 1, group C & D.

Requires overload protection to be included in control panel.



FF6BSE-HLDS

Discharge: 6", 125 lb, flange horizontal.
Spherical solids handling: 3"
HP: 30-60
RPM: 1750
Impeller: 3 vane, closed, with vanes on back side.
Materials: Cast iron ASTM A-48, class 30.
Shaft: 416 series stainless steel.
Motor: NEMA B, three phase, 230/460 volts, 60 Hz,
Application: oil filled.

Requires overload protection to be included in control panel.



Guide Rail Fitting System

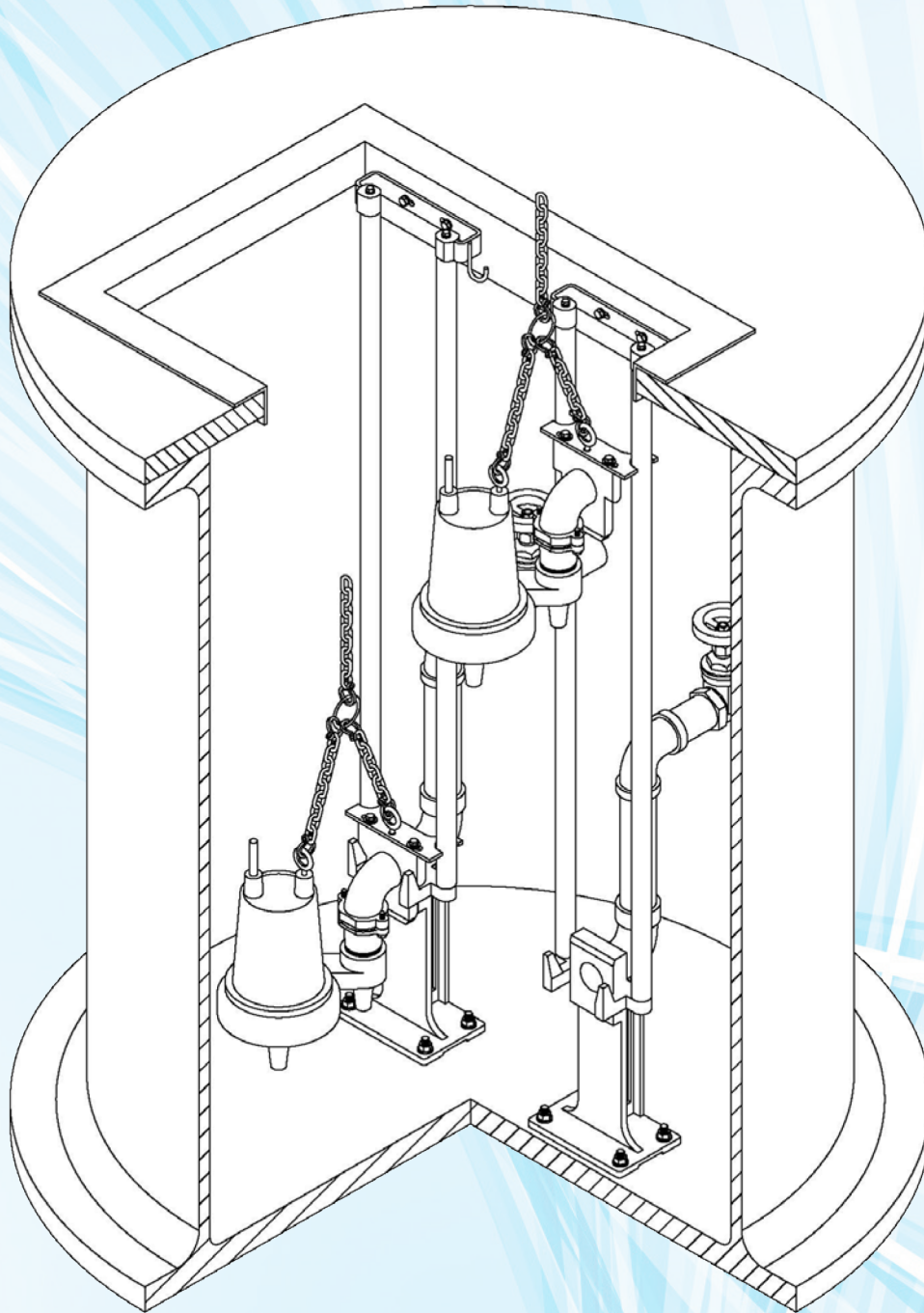
The guide rail fitting system connects the pump to and from the piping simply just by lowering and elevating the pump. The mechanism allows easy maintenance and inspection without the need to enter the sump. Pump models used in combination with the guide rail fitting system can be identified by the following index and reference.

Available upon request.



Basic Installation Instructions:

BERS-0125 thru BERS-0300 Series

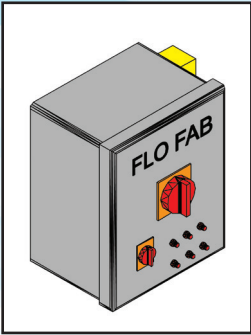


Base Elbow Installation Instruction: There are two main components to the Freeflo™ base elbow rail system, the stationary base and the pull out flange assembly. The stationary base will be secured to the bottom of the basin or collection tank. The base elbow should be positioned per the job specifications and the pump manufacturer's recommendations to allow for proper alignment with the access hatch for removal and installation of the pump or pumps. The base elbow is designed to be secured with four (4) studs, lock-washers, and nuts. It is important to make sure the elbow is secured to the basin or collection tank bottom to prevent it from moving or vibrating. After the elbow is installed the remaining items can be installed (i.e. piping, valve, guide rails, rail supports, etc.) into the tank. After this is done simply attach the pull out flange assembly to the pump, and lower the pump into the tank as shown above.



Accessories

Control Panel

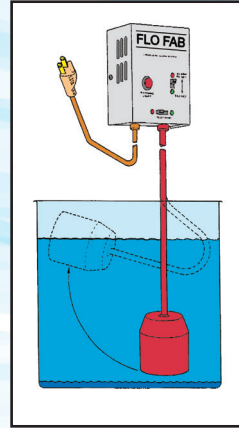


FLO FAB Standard UL or CSA NEMA 1 — enclosure. Includes main disconnect switch, internal circuit, breakers, transformer, low suction pressure switch and pilot light, hand-off auto switch, pump running light, current-relay, minimum run timer, automatic transfer to lag pump circuit, lead pump selector switch, power on light, dry contact for remote signal.

Model

- | | | | |
|----------------------------------|------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> Simplex | <input type="checkbox"/> SSP | <input type="checkbox"/> 115/1 | <input type="checkbox"/> 208/3 |
| <input type="checkbox"/> Duplex | <input type="checkbox"/> DSP | <input type="checkbox"/> 230/1 | <input type="checkbox"/> 460/3 |
| <input type="checkbox"/> Triplex | <input type="checkbox"/> TSP | <input type="checkbox"/> 575/3 | |

Tank Alert Float

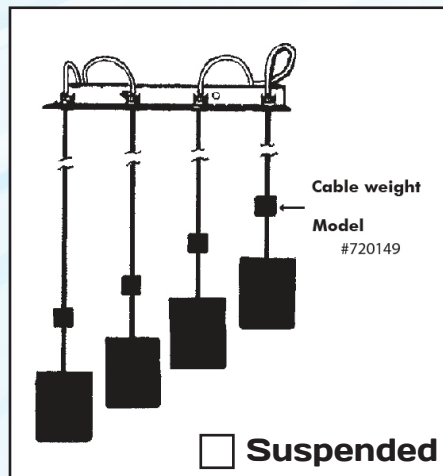
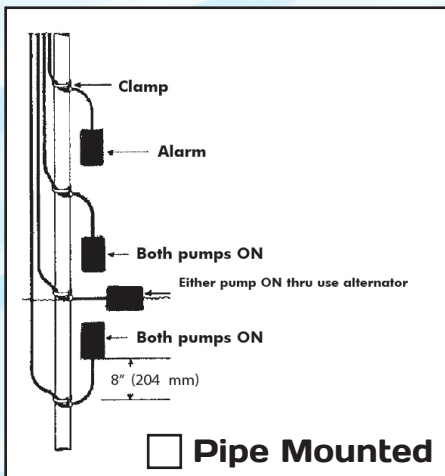


- Nema 1 Compliance in a metal alarm panel.
- When used with a pump application, the Tank Alert may be connected to a circuit breaker other than the pump circuit. This allows the Tank Alert to operate even if the pump circuit should fail.

Model

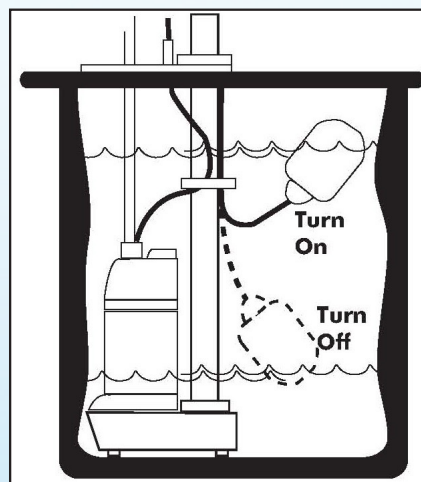
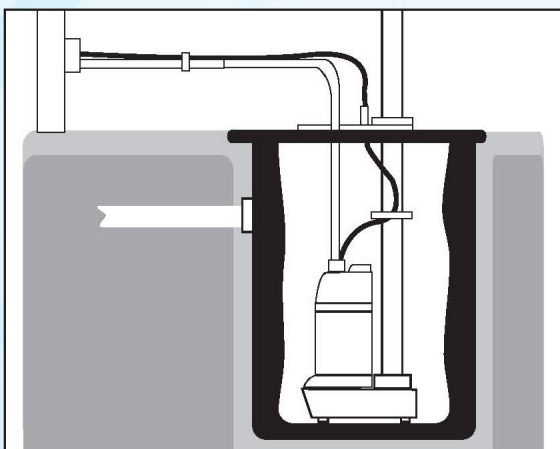
- | |
|--|
| <input type="checkbox"/> 101 HW |
| <input type="checkbox"/> 101 LW |
| <input type="checkbox"/> With Dry Contact |
| <input type="checkbox"/> Without Dry Contact |
- 120/1/60**

Mechanical Float Switch

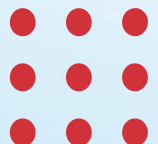


- #720145 Bracket
- Not Included
 Included
- | | | |
|------------------------------|---------------|---|
| | Model | Contacts |
| <input type="checkbox"/> 30' | 720165 | <input type="checkbox"/> with Plug
<input type="checkbox"/> without Plug |
- QTY. _____

General arrangement for Single Pump float operation (plug in type)

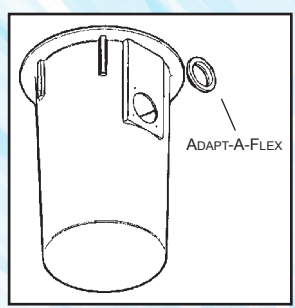


- | | | |
|------------------------------|---------------|----------|
| | Float Model | Contacts |
| <input type="checkbox"/> 30' | 720165 | N/O |
- QTY. _____



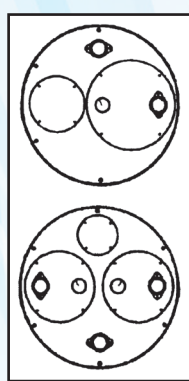


Polyethylene Basin



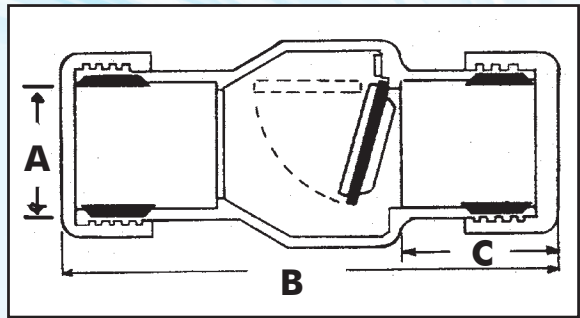
**Polyethylene
Fiberglass**
Model
1830 - 30 gal.
2436 - 70 gal.
3636 - 159 gal.
4848 - 376 gal.

Steel Basin Covers

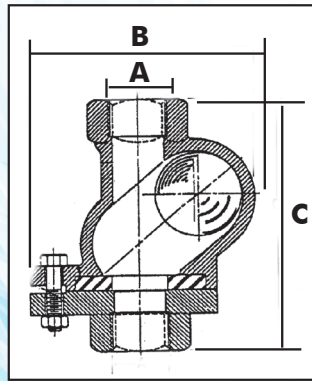


Simplex
 Duplex

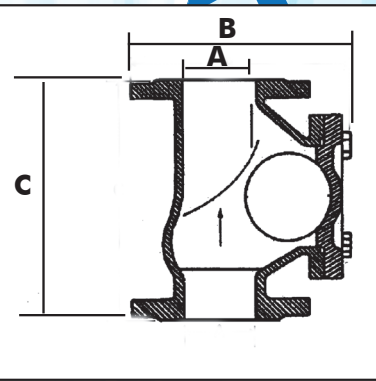
Check Valve



Type CVP



Type
CB0125-CB0200



Type
CB0300-CB0400

√	Models	A	B		C		Pressure Test lb/po/ca
			mm	in	mm	in	
	CVP0125	1 1/4" NPT	132	5 1/4	28	1 1/8	
	CVP0150	1 1/2" NPT	132	5 1/4	28	1 1/8	
	CVP0200	2" NPT	245	9 3/4	70	2 3/4	
	CVP0300	3" NPT	350	14	100	4	
	CB0125	1 1/4" NPT	119	4 11/16	135	5 5/16	150
	CB0150	1 1/2" NPT	119	4 11/16	135	5 5/16	150
	CB0200	2" NPT	157	6 3/16	175	6 7/8	150
	CB0300	3" Flanged	214	8 7/16	246	9 1/16	150
	CB0400	4" Flanged	282	11 1/8	300	11 3/16	150
	CB0600	6"	398	15 11/16	421	16 9/16	150
	CB0800	8"	495	19 1/2	533	21	150



Professional Rainwater Harvesting Solutions



Rwh



RAINWATER HARVESTING
STORMWATER MANAGEMENT

The Rwh

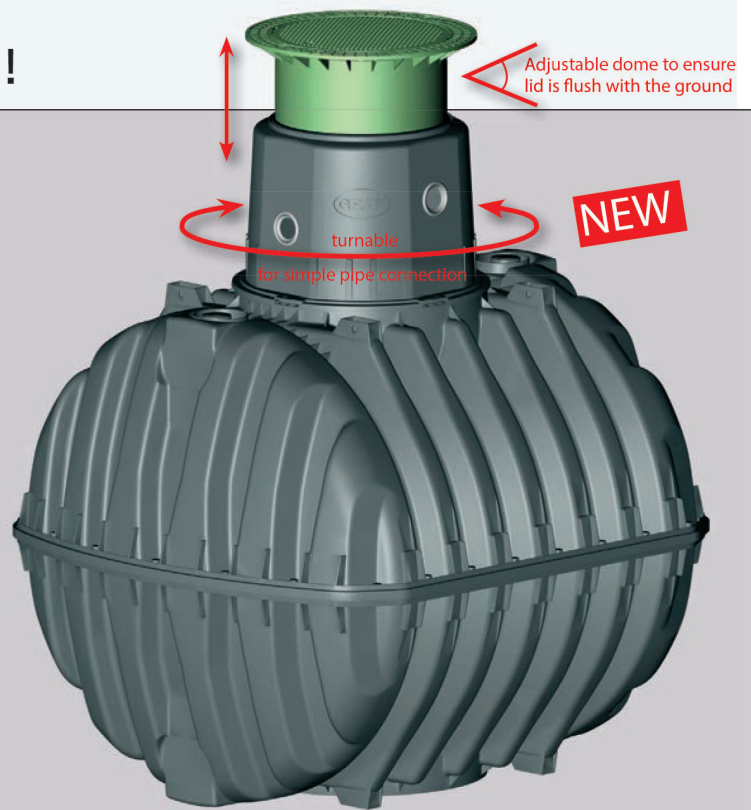
The First Rainwater Tank of its Kind!

Unique manufacturing process

The FLOFAB Rwh underground tank is unlike any other underground tank in the world. It is the largest tank of its kind to be manufactured by injection compression molding. This technique provides the tank with unbeatable stability and ensures that each component is produced with the highest of accuracy.

Unlike other underground tanks, the wall thickness is equal in all areas of the tank. The production tolerances are kept to a minimum, resulting in a product of the highest quality, which is strong, accurate, reliable and extremely user-friendly.

To manufacture the Rwh range, one of the world's largest injection moulding systems was developed.



The Rwh underground tank is made from Duraflow* a high quality material that is extremely rigid and impact resistant, ideally suited for producing underground tanks. With very low warping characteristics and high stiffness, this material provides high stability and a unique life expectancy. Duraflow® can also be easily recycled which reduces waste and environmental impact.

Internal Filter Technology

Optimax Pro, self-cleaning filter

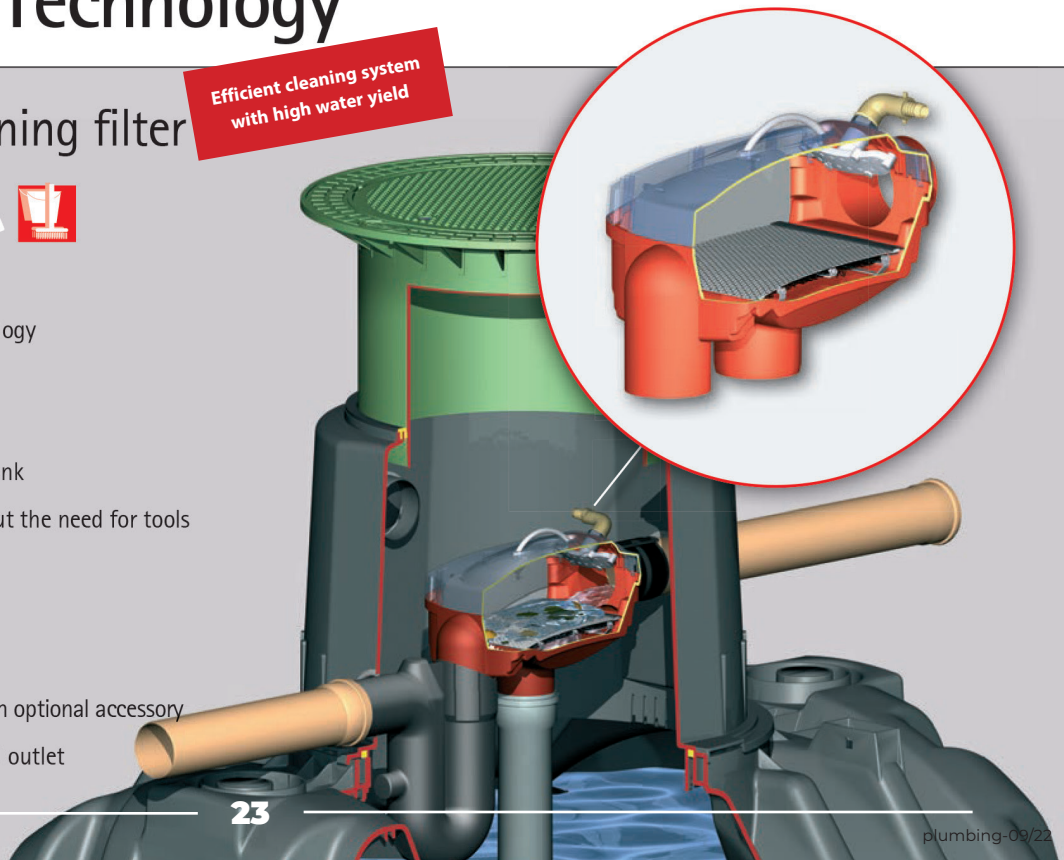
NEW

Efficient cleaning system with high water yield

Advantages



- Provides over 95% water yield
- Utilizes patented, high quality filter technology
- Low-maintenance (self-cleaning)
- TUV-tested to German standards
- Space-saving filter technology inside the tank
- Filter housing can be easily removed without the need for tools
- Transparent lid for filter visibility
- Can manage roof areas up to 3,750 sq.ft.
- Standard 4" connections
- Self cleaning Opticlean system available as an optional accessory
- Low offset height of 6.5" between inlet and outlet



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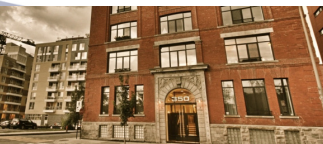
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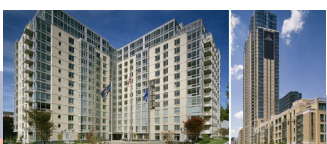
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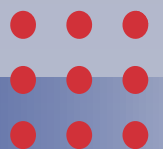
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