

1DW Submersible Dewatering Pump



1DW (1 1/2") Submersible Dewatering Pumps

Applications:

Draining Ditches and Pits

Industrial Water Drainage/Transfer

Handling Dirty Waters

Water Transfer

Excavating Drainage in Building Trade

Features and Benefits

- Impeller: AISI 304 SS open impeller
- Diffuser Plate: AISI 304 SS with Polyurethane coating for maximum resistance to abrasion
- Casing: AISI 304 SS
- Mechanical Seal: Silicon carbide sealing faces, all metal components of AISI type 300 stainless steel running in protected oil chamber
- Elastomers: BUNA-N
- Shaft: AISI type 304 stainless steel high strength pump shaft with keyed and locking cap screw impeller fastening
- Motor: Air filled class F insulated design for continuous use
- Designed for Continuous Operation: Pump ratings are within the motor's working limits and can be operated continuously without damage
- Bearings: Upper and lower heavy duty ball bearing construction

Literature:

Technical Brochures

- [B1DW 1DW SUBMERSIBLE DEWATERING PUMP](#)

Installation/Operation Manuals

- [IM107 R4 Wastewater Pumps Dewatering, Effluent and Sewage](#)

Parts Lists

- [RSES R2 Sump, Effluent and Sewage Pump Repair Parts](#)

2DW Submersible Dewatering Pump



Submersible Dewatering Pumps

Specifically designed to remove water from:

- Drainage ditches
- Trenches
- Basements
- Manholes
- Excavating drainage in the building trades
- Water Removal from Basements

Features and Benefits

- Impeller: Polyurethane for wear and corrosion resistance
- Adjustable Discharge: Discharge can be installed for either vertical or horizontal installation using only 2 screws
- Diffuser: Polyurethane for wear and corrosion resistance
- Mechanical Seal: Dual seals for double leakage protection, outer seal – silicon carbide
- Rubber Liner: Protects against wear around impeller
- Bottom Strainer: Made of impact absorbing EPDM rubber, suction holes allow for low pump down

Literature:

Technical Brochures

- [B2DW R2 2DW SUBMERSIBLE DEWATERING PUMP](#)

Installation/Operation Manuals

- [IM184 R05 Ditch Wizard Contractor Dewatering Pump](#)

Parts Lists

- [RSES R2 Sump, Effluent and Sewage Pump Repair Parts](#)

High Temp Sump Pump



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.

The High Temp Sump Pump 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.

The ability to work in extreme conditions is enhanced by the single-phase 1/3 HP pump motor. The motor has class B insulation and is rated for continuous operation when fully submerged. The motor uses high-grade turbine oil for lubrication and efficient heat transfer. Additional specifications for the pump include:

- Solids handling capabilities 3/4" maximum
- Capacities: up to 70 GPM
- Total heads: up to 27 feet TDH
- Built-in overload with automatic reset
- Water resistant power cords, rated for high temperature
- Models have NEMA style three prong grounding plugs

Features and 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

Literature:

Technical Brochures

- [B3885HT R3 WEHT Series Model 3885HT Submersible High Temperature Sump Pumps](#)
- [B3885HTSP R3 Serie WEHT – Modelo 3885HT \(sp\)](#)

Installation/Operation Manuals

- [IM248R01 High Temp Sump Pump](#)

LSP03 LSP07 Submersible Sump Pumps



Filtered Effluent Submersible Sump Pumps

LSP03/LSP07

Applications:

- Basement Draining
- Water Transfer
- Dewatering

Features and Benefits

- Corrosion-resistant construction
- Stainless Steel motor casing and fasteners
- 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
- Float switch is adjustable for various liquid levels. Easily removed for direct pump operation or switch replacement
- Complete unit is lightweight, portable and easy to service
- Available in manual and automatic versions. See next page for specific order numbers
- A double labyrinth lip seal system protects the motor. It consists of three lip seals and a V-ring in addition to an impeller counter blade system which keeps solid particles away from the seal unit.

Literature:

Technical Brochures

- [BLSP03 LSP03/LSP07 SUBMERSIBLE SUMP PUMPS](#)

Installation/Operation Manuals

- [IM127 R04 Sump Pumps](#)

SDS1 Sink Drain System Pump/Basin Packages



Residential Wastewater Sink Drain System SDS1

Applications include Laundry Tray; Wet Bar Sink; Air Conditioning Condensate or Dehumidifier Water; Residential Dishwashers; Beautician Sink.

Features and Benefits

- Fully Assembled – Individually Cartoned.
- Capable of Running Dry without Damage to Components.
- Severe Duty Rated Oil and Water Resistant Power Cable.

Literature:

Technical Brochures

- [BDSST SDS-ST SINK DRAIN SYSTEM](#)
- [BDS1 SDS1 Sink Drain System](#)
- [BDS2 SDS2 Sink Drain System \(Obsolete\)](#)

Installation/Operation Manuals

- [IM127 R04 Sump Pumps](#)
- [IM127 R03 Single Phase Sump, Effluent and Sewage](#)

SPBB Battery Backup System



Battery Backup Sump Pumps

Designed to provide emergency backup service for primary pump in the event of a power outage. Will also operate if main pump can't keep up with inflow.

Features and Benefits

- Battery powered sump pump runs automatically during a power outage.
- Provides a backup to your standard sump pump if it breaks down.
- Automatic start-up
- Self-charging
- Indicator lights on charger
- Alarm sounds when pumping and battery won't charge.

Literature:

Technical Brochures

- [BSPBB SPBB/SPBB2 BATTERY BACKUP SUMP PUMPS](#)

Installation/Operation Manuals

- [IM175 R03 Battery Backup Sump Pump](#)

Parts Lists

- [RSES R2 Sump, Effluent and Sewage Pump Repair Parts](#)

ST31 “SumpThing” Sump Pumps



Specifically designed for the following uses:

Basement draining

Water transfer

Dewatering

Effluent Transfer

Features and Benefits

- Corrosion-resistant construction
- Cast iron body
- Thermoplastic impeller and cover
- Replaceable power cord
- Bearings: Upper sleeve and lower heavy duty ball bearing construction
- Built-In Vent Hole: Prevents air-binding with no added labor
- Motor is permanently lubricated for extended service life and is powered for continuous operation. All ratings are within the working limits of the motor
- Complete unit is heavy duty, portable and compact
- Mechanical Seal: carbon/ceramic/Buna/ stainless steel
- Stainless steel fasteners and stainless steel pipe plug

Literature:

Technical Brochures

- [BST31 ST31 SUBMERSIBLE SUMP/EFFLUENT PUMP](#)

Installation/Operation Manuals

- [IM127 R04 Sump Pumps](#)

Parts Lists

- [RSES R2 Sump, Effluent and Sewage Pump Repair Parts](#)

ST51/ST71 Submersible Sump Pump



ST51/ST71 Submersible Sump/Effluent Pump

Specially designed for the following uses:

- Basement Draining
- Dewatering
- Water Transfer
- Effluent Transfer

Features and Benefits

- Corrosion resistant construction
- Cast iron body
- Thermoplastic impeller and cover
- Upper sleeve and lower heavy duty ball bearing construction
- Motor is permanently lubricated for extended service life
- Powered for continuous operation
- All ratings are within the working limits of the motor
- Power cord, 10' standard length, heavy duty 16/3 SJTW with 115 volt grounding plug and vertical switch
- Complete unit is heavy duty, portable and compact
- Mechanical seal is carbon, ceramic, BUNA and stainless steel
- Stainless steel fasteners

Literature:

Technical Brochures

- [BST51 71 R1 ST51/ST71 Submersible Sump/Effluent Pump](#)

Installation/Operation Manuals

- [IM236 R01 Sump Pumps](#)
- [IM127 R04 Sump Pumps](#)

STS21/STS31 Submersible Sump Pump



The STS sump pumps are energy-efficient residential sump pumps available in two models the STS21, and the STS31. The 1/4hp and 1/3hp pumps are stainless steel and feature less amp draw for greater energy efficiency. Specially designed for the following uses:

- Basement Draining
- Dewatering
- Water Transfer
- Filtered Effluent

Features and Benefits

- Corrosion resistant construction
- A mechanical seal protects the motor. It consists of ceramic/silicon carbide seal faces with BUNA elastomers.
- Glass-filled thermoplastic impeller and motor cover. Motor is permanently lubricated for extended service life.
- Upper and lower heavy duty ball bearing construction.
- Air-filled motor mounted in aluminum housing.
- Includes vertical float switch and mounting pipe. Adjustable for various liquid levels.
- Motor is permanently lubricated for extended service life and is powered for continuous operation. All ratings are within the working limits of the motor.
- Power cord, 10' standard length, heavy duty 16/3 SJTW with 115 volt grounding plug
- Complete unit is heavy duty, portable and compact

Literature:

Technical Brochures

- [BSTS2131R1 STS21/STS31 Submersible Sump Pumps](#)

Installation/Operation Manuals

- [IM236 R01 Sump Pumps](#)