

2ED – Dual Seal with Sensor Probe



Submersible Effluent Pumps- Dual Seal with Seal Sensor Probe
Specifically designed for the following uses:

- Farms
- Motels
- Hospitals
- Trailer courts
- Schools
- Industry
- Effluent systems

Features and Benefits

- Impeller: Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.
- Casing: Cast iron volute type for maximum efficiency. 2" NPT discharge.
- Dual Mechanical Seals Lower: Silicon Carbide vs. Silicon Carbide sealing faces. Stainless steel metal parts, BUNa-N elastomers. Upper: Carbon vs. ceramic sealing faces. Stainless steel metal parts, BUNa-N elastomers.
- Seal Sensor Probe: Located in oil-filled chamber. If pumpage should begin to leak past lower seal it indicates to pump control panel a fault has occurred. Requires optional Seal Fail Circuit in the control panel.
- Shaft: Corrosion resistant, stainless steel. Threaded design. Lock nut 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.
- Designed for continuous operation when fully submerged.

Literature:

Technical Brochures

- [B2ED 2ED Submersible Effluent Pump Dual Seal With Seal Sensor Probe](#)
- [B2ED50HZ SUBMERSIBLE EFFLUENT PUMP DUAL SEAL WITH SEAL SENSOR PROBE](#)

Installation/Operation Manuals

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

Parts Lists

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

Specifications

- [2EDSPEC Goulds Pumps Wastewater 2ED GENERAL Submersible Effluent Pumps](#)

Performance Curves

- [C2ED 2ED Submersible Effluent Pump](#)

Drawings

- [TID TYPICAL INSTALLATION DRAWING Simplex Submersible Sewage Pump](#)

3871 – EP04/EP05 Effluent Pumps



EP04 & EP05 Series – Model 3871

Specifically designed for the following uses:

- Effluent Systems
- Homes/Farms
- Heavy Duty Sump
- Water Transfer
- Dewatering

Features and Benefits

- EP04 Impeller: Thermoplastic semi-open design with pump out vanes for mechanical seal protection.
- EP05 Impeller: Thermoplastic enclosed design for improved performance.
- Casing and Base: Rugged thermoplastic design provides superior strength and corrosion resistance.
- Motor Housing: Cast iron for efficient heat transfer, strength, and durability.
- Motor Cover: Thermoplastic cover with integral handle and float switch attachment points.
- Power Cable: Severe duty rated oil and water resistant.
- Bearings: Upper and lower heavy duty ball bearing construction.
- Capable of running dry without damage to components.

Literature:

Technical Brochures

- [B3871 R1 EP04 & EP05 Series Model 3871 SUBMERSIBLE EFFLUENT PUMPS](#)
- [B3871SP EP04 y EP 05 Serie Modelo 3871](#)

Installation/Operation Manuals

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

Parts Lists

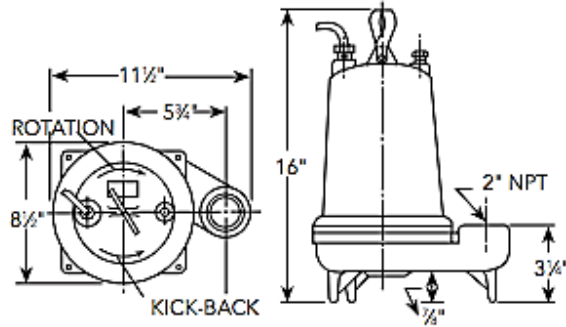
- [RSES R2 Sump, Effluent and Sewage Pump Repair Parts](#)

3885 – WE Series Submersible Effluent Pump



DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)



Residential Wastewater - Submersible Effluent Pumps

Specifically designed for on-site wastewater treatment for the following:

-Homes, Farms, Trailer Courts, Motels, Schools, Hospitals, Industry, Effluent Systems

Features and Benefits

- Impeller: Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.
- Casing: Cast iron volute type for maximum efficiency. 2" NPT discharge.
- Mechanical Seal: Silicon Carbide vs. Silicon Carbide sealing faces.
- Stainless steel metal parts, BUNA-N elastomers.
- 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.
- Designed for continuous operation when fully submerged.
- EXTENDED WARRANTY AVAILABLE FOR RESIDENTIAL APPLICATIONS.

Literature:

Technical Brochures

- [B3885 WE Series Model 3885 SUBMERSIBLE EFFLUENT PUMPS](#)
- [B3885Z 3885Z Submersible Effluent Pump](#)
- [B3885SP R1 \(sp\) WE Serie Modelo 3885](#)

Installation/Operation Manuals

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

Parts Lists

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

Specifications

- [3885SPEC WE Series Model 3885 SUBMERSIBLE EFFLUENT PUMPS](#)
- [3885SPC50HZ WE Series Model 3885 Submersible Effluent Pumps 50 HZ](#)

Blaster Filtered Effluent Pump



Filtered Effluent Pumps for use with spray irrigation, drip systems, mound systems, and long distance pumping jobs.

On-site Wastewater treatment

Features and Benefits

- Designed for pumping filtered effluent from processed septic systems only.
- Field Serviceable: Pump can be rebuilt in the field to like new condition with common tools and readily available spare parts. NOTE: The pump has left hand casing threads.
- Powered for Continuous Operation: All ratings are within the working limits of the motor as recommended by the motor manufacturer. Pump can be operated continuously without damage to the motor.
- Metal Parts are Stainless Steel: AISI types 301 and 304 are corrosion resistant, non-toxic and non-leaching.
- Non-Metallic Parts: Impellers and diffusers are constructed of glass filled polycarbonate or Noryl, engineered composites. Both materials are corrosion and effluent resistant.
- Discharge Head: Engineered composite material for superior strength and corrosion resistance. Loops for safety line molded into head.
- Motor Adapter: Engineered composite material with high rigidity to provide accurate alignment of liquid end to motor. Generous space for removal of motor mounting nuts with regular open-end wrench.
- Bowls: Stainless steel for strength and abrasive resistance.
- 120" 3 wire jacketed motor lead standard.

Literature:

Technical Brochures

- [BBlaster Filtered Effluent Pump](#)

LEP07 – Submersible Effluent Pumps



Residential Wastewater

Submersible Effluent Pumps

Specifically designed for treating on-site wastewater treatment:

-Effluent Systems

-Water Transfer

-Dewatering

-Heavy Duty Sump

Features and Benefits

- Corrosion-resistant construction.
- Stainless Steel motor casing and fasteners.
- Glass-filled thermoplastic impeller and casing.
- Bearing: 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 is adjustable for various liquid levels. Easily removed for direct pump operation or switch replacement.
- Complete unit is lightweight and portable.

Literature:

Technical Brochures

- [BLEP07 LEP07 SUBMERSIBLE EFFLUENT PUMPS](#)

Installation/Operation Manuals

- [IM143 R02 Single Phase Sump, Effluent and Sewage](#)

PE Submersible Effluent Pumps



Residential Wastewater
Submersible Effluent Pumps
On-site wastewater treatment:
-Mound Systems
-Effluent/Dosing Systems
-Low Pressure Pipe Systems
-Basement Draining
-Heavy Duty Sump/Dewatering

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
- Quick disconnect power cord, 20' standard length, heavy duty 16/3 SJTW with NEMA 5-15P, three prong, 115 volt grounding plug
- Complete unit is heavy duty, portable and compact
- Mechanical seal is carbon, ceramic, BUNA and stainless steel
- Stainless steel fasteners

Literature:

Technical Brochures

- [BPE PE SUBMERSIBLE EFFLUENT PUMP](#)

Installation/Operation Manuals

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

Parts Lists

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