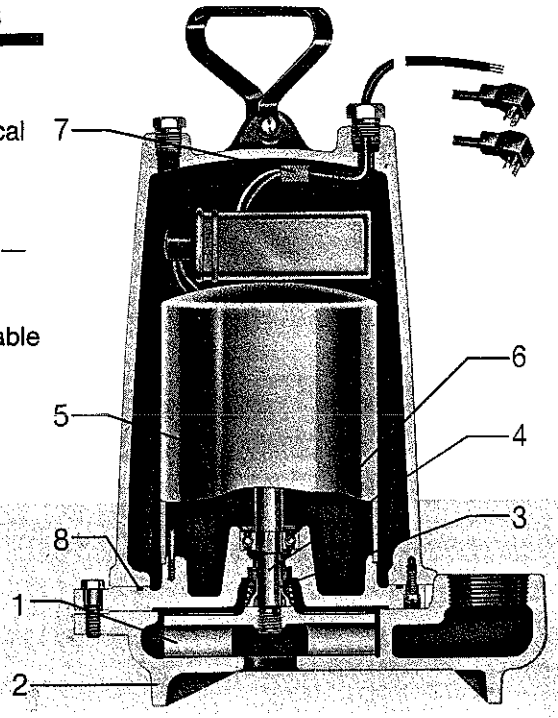
FEATURES

1. Impeller
2. Casing
3. Mechanical Seal
4. Shaft
5. Motor
6. Bearings — Upper & Lower
7. Power Cable
8. O-Ring



Goulds

Submersible Effluent Pumps

MODEL

3885

MODELS

Series	HP	Volts	Phase	Max. Amps.	RPM	Solids	Weight (Lbs.)
WE0311L	1/3	115	1	9.4	1750	3/4"	56
WE0312L		230		4.7			
WE0311M		115		9.4			
WE0312M		230		4.7			
WE0511H	1/2	115	1	13.0			60
WE0512H		230		6.5			
WE0532H		208/230	3	3.4			
WE0534H		460		1.7			
WE0511HH		115	1	13.0			
WE0512HH		230		6.5			
WE0532HH		208/230	3	3.3			
WE0534HH		460		1.7			
WE0712H	3/4	230	1	9.0	3500		70
WE0732H		208/230	3	5.4			
WE0734H		460		2.7			
WE1012H	1	230	1	11.6			80
WE1032H		208/230	3	6.4			
WE1034H		460		3.2			
WE1512H	1-1/2	230	1	13.3			
WE1532H		208/230	3	9.2			
WE1534H		460		4.6			
WE1512HH		230	1	13.3			
WE1532HH		208/230	3	9.2			
WE1534HH		460		4.6			

PERFORMANCE RATINGS

In gallons per minute

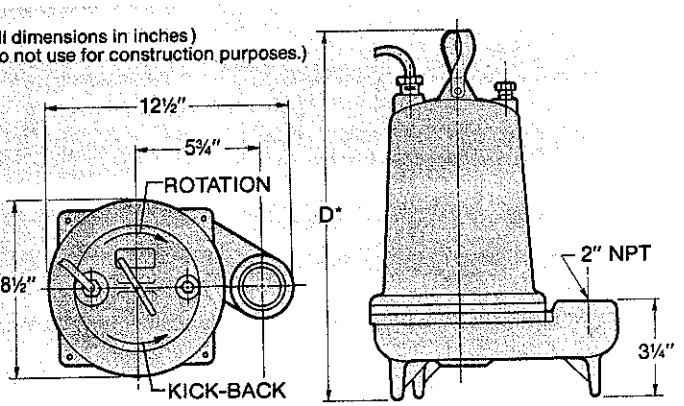
Series No.	WE0311L WE0312L	WE0311M WE0312M	WE0511H WE0512H WE0532H WE0534H	WE0712H WE0732H WE0734H	WE1012H WE1032H WE1034H	WE1512H WE1532H WE1534H	WE0511HH WE0512HH WE0532HH WE0534HH	WE1512HH WE1532HH WE1534HH
HP	1/3	1/3	1/2	3/4	1	1½	½	1½
RPM	1750	1750	3500	3500	3500	3500	3500	3500
5	100	70	80	90	106	114	60	—
10	80	65	76	87	102	111	55	83
15	60	57	71	83	98	108	52	73
20	36	45	65	78	94	104	48	77
25		26	59	73	89	100	42	68
30			50	67	84	96	39	72
35			40	61	79	91	34	63
40			26	52	72	86	30	66
45			10	43	64	79	23	58
50				30	54	72	18	60
55				17	42	63	12	52
60				6	28	53	3	54
65					16	40		45
70					5	26		47
75						14		37
80						4		40
90								33
100								24
110								15
120								4

Total Head — Feet of Water

gpm

DIMENSIONS

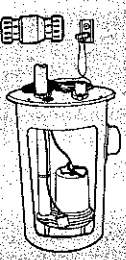
(All dimensions in inches)
(Do not use for construction purposes.)



D* ⅓, ½, ¾ and 1 HP = 15" except for model WE0712H & WE1012H = 18"; 1½ HP = 18"

EFFLUENT EJECTOR SYSTEM

Effluent ejector system offers ease of ordering and installation. A single ordering number specifies a complete system designed for most residential and commercial sump and effluent pump applications.



Package Includes:

Submersible Effluent Pump,
WE0311L, 12L or WE0311M, 12M,
WE0511HH, 12HH
Mercury Level Control Switch
A2-5 (115 V), A2-6 (230 V)
Basin A7-1801S
Basin Cover A8-1822
Check Valve A9-2P
Order No.: SWE0311L, SWE0312L,
SWE0311M, SWE0312M,
SWE0511HH, SWE0512HH.

Available Certifications: CSA Canadian Standards Association
Pennsylvania Bureau of Mines for non-face applications — BOTE 91.

SENECA FALLS, NEW YORK 13148

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

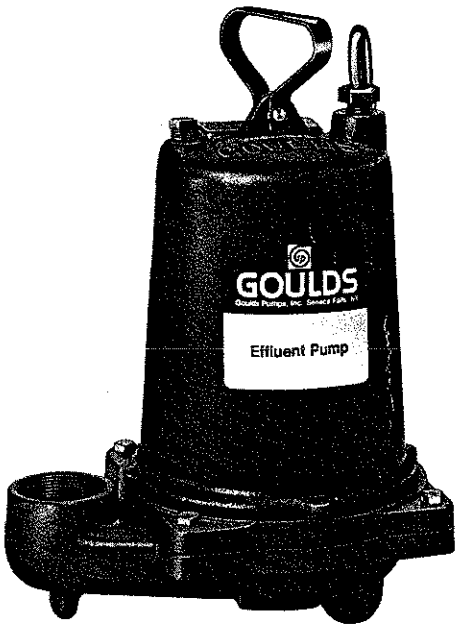
PRINTED IN U.S.A.

Goulds

Submersible Effluent Pumps

MODEL

3885



APPLICATIONS

Specifically designed for the following uses:

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

SPECIFICATIONS

Pump:

- Solids Handling Capabilities: ¾" Maximum
- Discharge Size: 2" NPT
- Capacities: Up to 114 GPM
- Total Heads: Up to 123 Feet TDH
- Mechanical Seal: Carbon-Rotary Seat/Ceramic-Stationary Seat 300 Series Stainless Steel Metal Parts BUNA-N Elastomers
- Temperature: 160° F (71° C) Maximum
- Fasteners: 300 Series Stainless Steel
- Capable of Running Dry Without Damage to Components

Motor:

- Single Phase: ⅓ HP, 115 or 230 Volt 60Hz, 1750 RPM
  ½ HP, 115 V, 60 Hz, 3500 RPM
  ½ HP thru 1½ HP 230 V, 60 Hz, 3500 RPM
  Built-in Overload with Automatic Reset
  Class B Insulation
- Three Phase: ½ HP thru 1½ HP 208/230 V, 460 V, 60 Hz, 3500 RPM
  Class B Insulation, Overload Protection must be Provided in Starter Unit.
- Shaft: Threaded, 400 Series Stainless Steel.
- Bearings: Ball Bearings Upper and Lower
- Power Cord: 15 Foot Standard Length (Optional Lengths Available)
  Single Phase: ⅓ and ½ HP-16/3 SJTO with three prong plug.
  ¾ thru 1½ HP-14/3 STO with Bare Leads
  Three Phase: ½ thru 1½ HP-14/4 STO with Bare Leads
  On CSA Listed Models — 20' Length SJTW and STW are Standard.

FEATURES

Impeller: Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Bronze impeller available as an option.

Casing: Cast iron volute type for maximum efficiency. 2" NPT discharge adaptable for slide rail systems.

Mechanical Seal: Ceramic vs carbon sealing faces. Stainless steel metal parts, BUNA-N elastomers.

Shaft: Corrosion-resistant stainless steel. Threaded design. Locknut on three phase models to guard against component damage on accidental reverse rotation.

Motor: Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.

Designed for Continuous Operation: Pump ratings are within the motor manufacturer's recommended working limits, can be operated continuously without damage.

Bearings: Upper and lower heavy duty ball bearing construction.

Power Cable: Severe duty rated, oil and water resistant. Epoxy seal on motor-end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking.

O-Ring: Assures positive sealing against contaminants and oil leakage.

©1986 Goulds Pumps, Inc.

Effective July 1986