

Scavenger® Effluent & Sewage Ejector Pumps

Rugged submersible pumps for residential, commercial, municipal, and industrial applications.

- Unique triple seal design.
- ABS patented Contra Block impeller with adjustable wear plate system, for clog free operation.
- Single phase models through 5 HP. Three phase models through 10 HP
- Discharges, 1 1/4 to 4 "
- High torque capacitor start single phase motors
- Rugged cast iron construction with stainless steel fasteners and motor shaft
- Oil filled motors (non toxic oil)
- Stainless steel open loop lifting bale for ease of removal
- High head models available
- UL and CSA listing pending



Scavenger® Effluent & Sewage Ejector Pumps

Effluent Pumps

1 ¼ Inch Discharge

Model	HP	Phase*	RPM	Voltage**	Amps	Discharge	Solids Size	Max Head (feet)	Max Flow (gpm)	Weight (Lbs.)
EF 05W-1H	½	1	3450	115, 230	15.0, 7.5	Horizontal NPT	5/8"	73	44	68
EF 10W-1H	1	1	3450	230	13.0	Horizontal NPT	5/8"	108	44	70

2 Inch Discharge

EF 10W-2	1	1	3450	230	13.0	Vertical NPT	3/4"	73	160	62
EF 10D-2	1	3	3450	230/460, 575	5.8/2.9, 2.3	Vertical NPT	3/4"	73	160	57

Sewage Ejector Pumps

2 Inch Discharge

Model	HP	Phase*	RPM	Voltage**	Amps	Discharge	Solids Size	Max Head (feet)	Max Flow (gpm)	Weight (Lbs.)
EJ 10W-2	1	1	1750	230	10.0	Horizontal Flange ‡	2"	30	240	77
EJ 10D-2	1	3	1750	230/460, 575	5.0/2.5, 2.0	Horizontal Flange ‡	2"	30	240	70
EJ 15W-2	1½	1	1750	230	15.0	Horizontal Flange ‡	2"	37	300	90
EJ 15D-2	1½	3	1750	230/460, 575	7.0/3.5, 2.8	Horizontal Flange ‡	2"	37	300	84
EJ 20W-2	2	1	1750	230	19.0	Horizontal Flange ‡	2"	45	320	90
EJ 20D-2	2	3	1750	230/460, 575	9.0/4.5, 3.6	Horizontal Flange ‡	2"	45	320	84

3 Inch Discharge

EJ 10W-3	1	1	1750	230	10.0	Horizontal Flange	2½"	30	265	77
EJ 10D-3	1	3	1750	230/460, 575	5.0/2.5, 2.0	Horizontal Flange	2½"	30	265	70
EJ 15W-3	1½	1	1750	230	15.0	Horizontal Flange	2½"	35	300	90
EJ 15D-3	1½	3	1750	230/460, 575	7.0/3.5, 2.8	Horizontal Flange	2½"	35	300	84
EJ 20W-3	2	1	1750	230	19.0	Horizontal Flange	2½"	44	330	90
EJ 20D-3	2	3	1750	230/460, 575	9.0/4.5, 3.6	Horizontal Flange	2½"	44	330	84
EJ 30W-3	3	1	1750	230	23.0	Horizontal Flange	2½"	50	450	147
EJ 30D-3	3	3	1750	230/460, 575	13.0/6.5, 5.2	Horizontal Flange	2½"	50	450	143
EJ 50W-3	5	1	1750	230	27.0	Horizontal Flange	2½"	57	470	161
EJ 50D-3	5	3	1750	230/460, 575	19.0/9.5, 7.6	Horizontal Flange	2½"	57	470	154
EJ 75D-3	7½	3	1750	230/460, 575	23.0/11.5, 9.2	Horizontal Flange	2½"	67	525	161

4 Inch Discharge

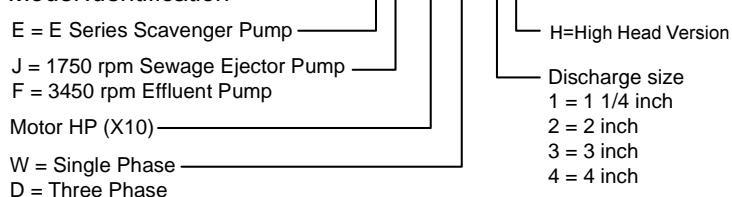
EJ 30W-4	3	1	1750	230	23.0	Horizontal Flange	3"	46	525	154
EJ 30D-4	3	3	1750	230/460, 575	13.0/6.5, 5.2	Horizontal Flange	3"	46	525	150
EJ 50W-4	5	1	1750	230	27.0	Horizontal Flange	3"	52	550	165
EJ 50D-4	5	3	1750	230/460, 575	19.0/9.5, 7.6	Horizontal Flange	3"	52	550	158
EJ 75D-4	7½	3	1750	230/460, 575	23.0/11.5, 9.2	Horizontal Flange	3"	61	600	165
EJ 100D-4	10	3	1750	230/460, 575	28.0/14.0, 11.2	Horizontal Flange	3"	70	620	170

*Single phase pumps from ½ HP through 2 HP have capacitor and thermal protection built into pump. Single phase pumps from 3 HP through 5 HP require an external capacitor start box or control panel, with overload protection. All three phase pumps require a control panel with overload protection.

** 230 Volt pumps can be operated on 208 volts without modifications.

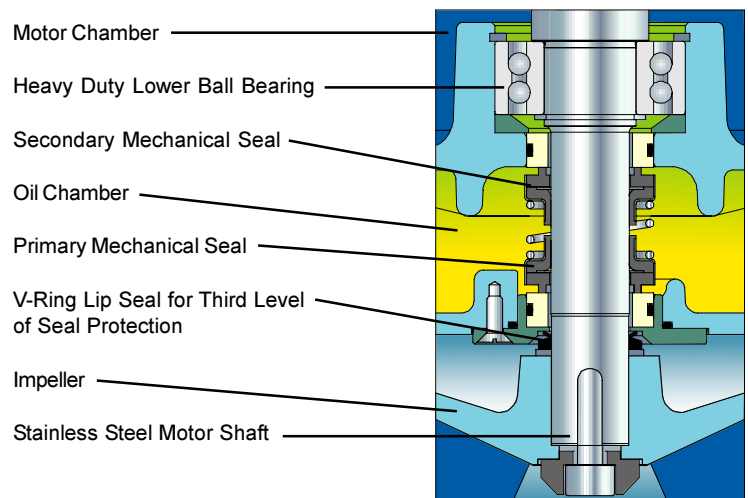
‡ Discharge elbow (2" flange x 2" NPT) supplied with the pump.

Model Identification



Materials of Construction

Housings & Volute	Cast Iron
Impeller and Wear Plate	Cast Iron
External Hardware	304 Stainless Steel
Motor Shaft	420 Stainless Steel
Mechanical Seals	Carbon/Ceramic (optional Silicon Carbide)
Bearings	Ball Bearings
Motor Windings	Copper (class B or F depending on model)
Start Switch (1 phase)	Solid State Electronic Switch
Power Cable	Thermoplastic Elastomer
O-Rings	Buna-N
Oil	Non-Toxic

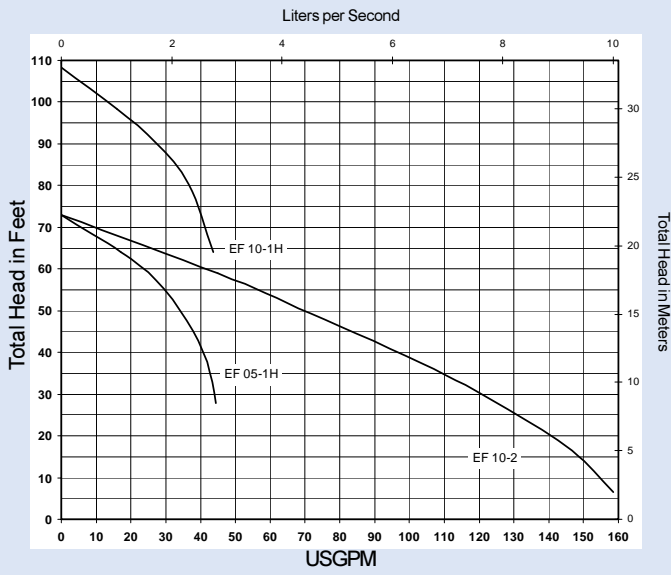


The Scavenger Triple Seal System

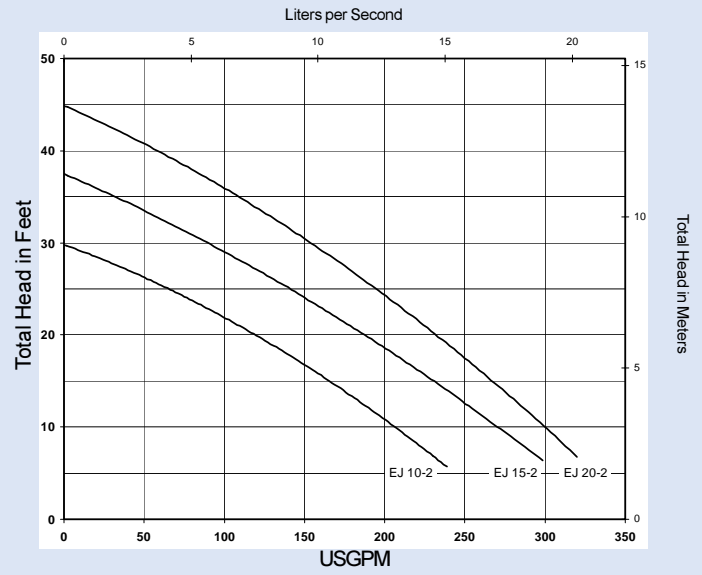
This *ABS exclusive* design provides three levels of sealing for outstanding reliability! A double mechanical seal located inside the oil chamber provides two full levels of sealing. An additional V-Ring type lip seal between the oil chamber and pump volute provides a third, extra level of sealing, and enhanced mechanical seal protection.

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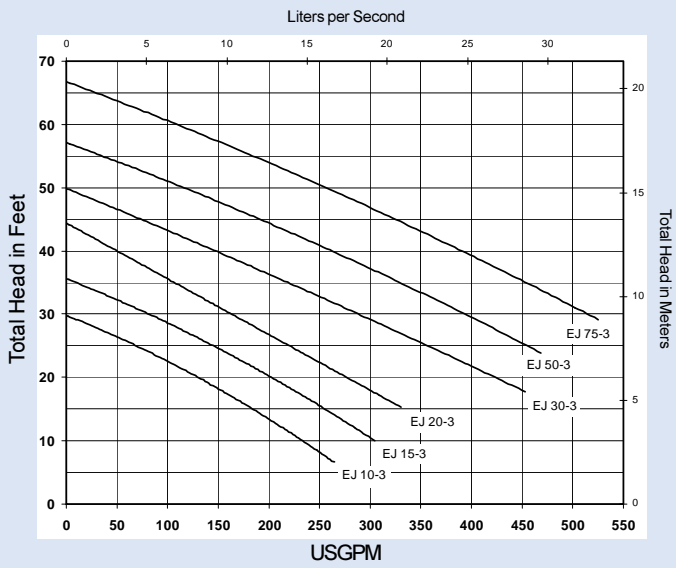
Effluent Pumps 1 1/4 & 2 Inch



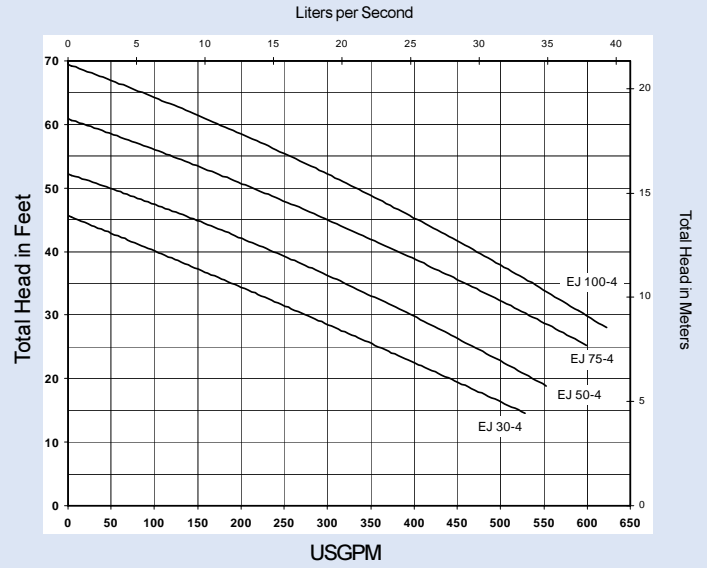
Sewage Ejectors, 2 Inch



Sewage Ejectors, 3 Inch



Sewage Ejectors, 4 Inch



Curves represent both single and three phase performance

Example Applications:

Commercial

Airports
Apartments & Hotels
Bus & Train Terminals
Car Washes
Condominiums
Convention Centers
Hospitals
Office Buildings
Restaurants
Shopping Malls
Trailer Parks

Industrial

Factory Sewage
Garages
HVAC Condensate
Machine Effluent
Transfer Tanks
Washdown Tanks
Waste Treatment

Marine

Ballast Transfer
Bilge Dewatering
Bilge Transfer
Dry Docks
Fish Hatcheries

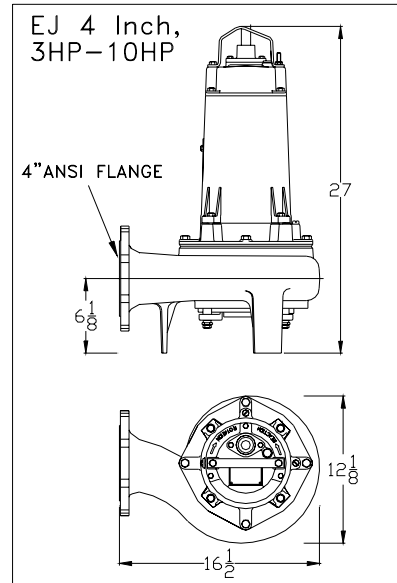
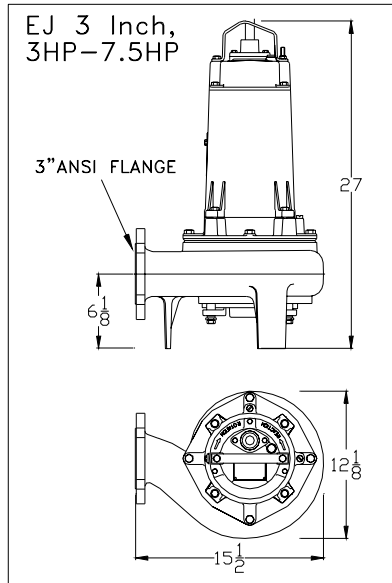
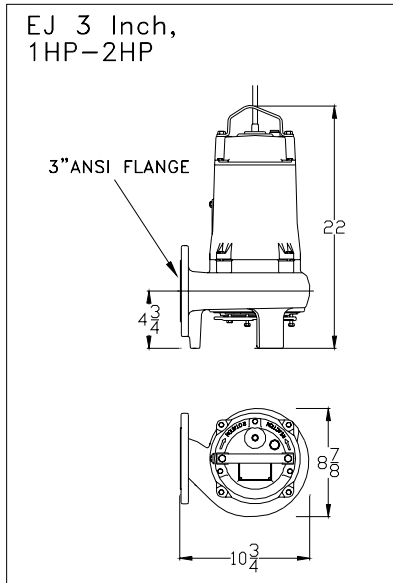
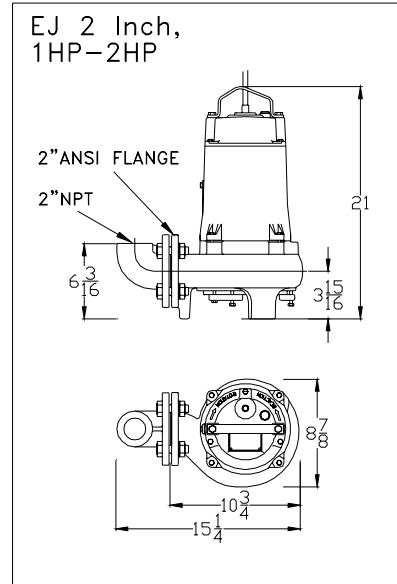
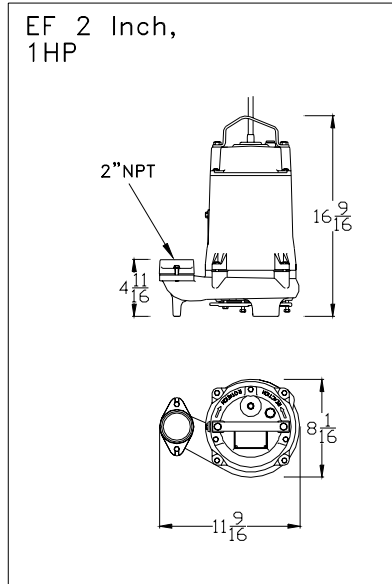
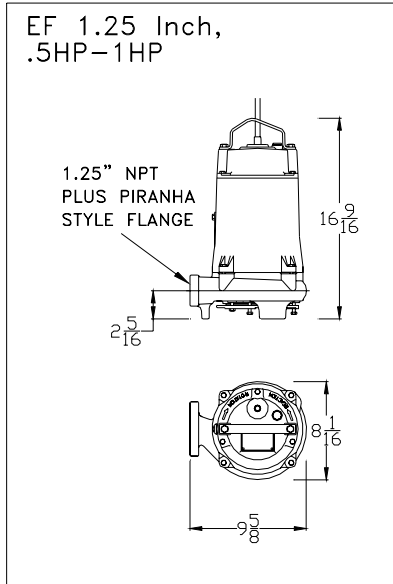
Residential & Municipal

Building Sumps
Home Sewage
Irrigation
Schools
Small Lift Stations
Water Features

Agriculture

Dairy Sewage
Irrigation
Tail Water Transfer

Scavenger® Effluent & Sewage Ejector Pumps



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