

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

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ZOELLER ON-SITE WASTEWATER PRODUCTS

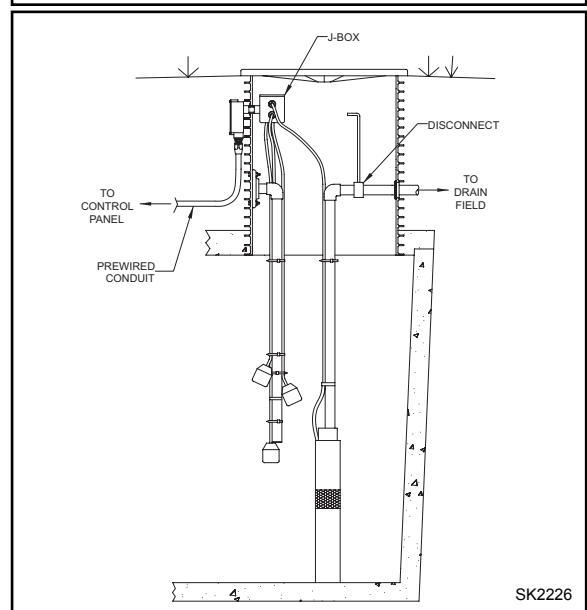
Multi-Stage Effluent Turbine Submersible Pumps



Effluent turbine pumps are used in on-site applications that demand more head than a traditional single stage centrifugal submersible pump. Zoeller Pump Company is able to meet this need by offering a complete line of submersible effluent turbine pumps. These pumps have been proven in field applications and have many years of development behind them. Typical applications include mound systems, drip systems, and recirculating media filters. All units include cool running submersible motors that do not require external water flow to prevent overheating. An outer pump sleeve is not required. Pumps can be installed directly in a dose tank as long as an effluent filter is used on the septic tank outlet. These pumps can also be used in conjunction with the Zoeller Effluent Turbine Filtered STEP system.

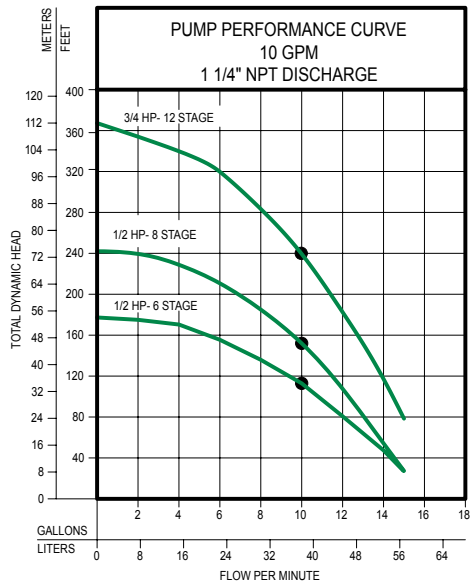
FEATURES:

- Corrosion resistant.
- Many models available - 10, 19, 27, 35, 55 and 85 GPM.
- 1/2 thru 3 HP units.
- 115 and 230 Volt.
- 1-1/4" discharge (10, 19, 27 gpm) or 2" discharge (35, 55 and 85 GPM).
- Heavy wall stainless steel pump shell.
- Franklin Electric submersible motors.
- Stainless steel hex drive pump shaft.
- High Efficiency floating stack.
- Glass-filled Noryl discharge and mounting ring (10, 19, and 27 GPM models).
- Stainless steel discharge and mounting ring (35, 55 and 85 GPM models).
- No external capacitors or relays required for starting (1/2-1 1/2 HP).
- Starting box provided for 2 & 3 HP units.
- External check valves available.
- Pressure effluent filter available.
- 10 feet of jacketed SO type power cord (1/2 - 1 1/2 HP units only). Consult Factory for longer lengths.
- Timed dosing panels available.
- 5 year extended warranties available. (Consult Factory for details.)



Multi-Stage Effluent Turbine Submersible Pumps

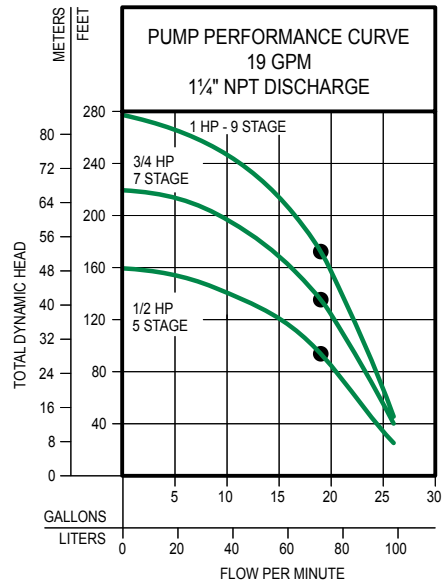
10 GPM Models



015413

Part Number	H P	Voltage	Phase	Amps	Stages	Height
5030-0005	1/2	115	1	12.0	6	22-3/8"
5030-0006	1/2	230	1	6.0	6	22-3/8"
5030-0007	1/2	115	1	12.0	8	24-1/8"
5030-0008	1/2	230	1	6.0	8	24-1/8"
5030-0009	3/4	230	1	8.0	12	28-7/8"

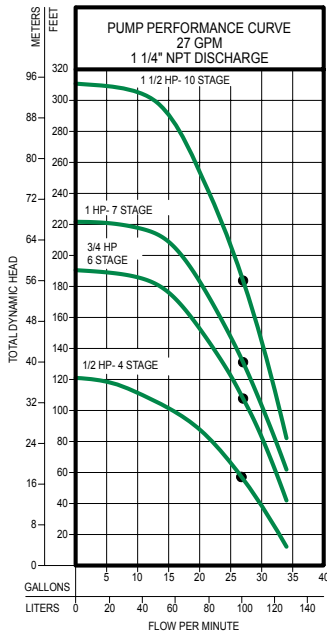
19 GPM Models



015414

Part Number	H P	Voltage	Phase	Amps	Stages	Height
5031-0005	1/2	115	1	12.0	5	21-15/16"
5031-0006	1/2	230	1	6.0	5	21-15/16"
5031-0007	3/4	230	1	8.0	7	25-1/16"
5031-0008	1	230	1	9.8	9	28-1/8"

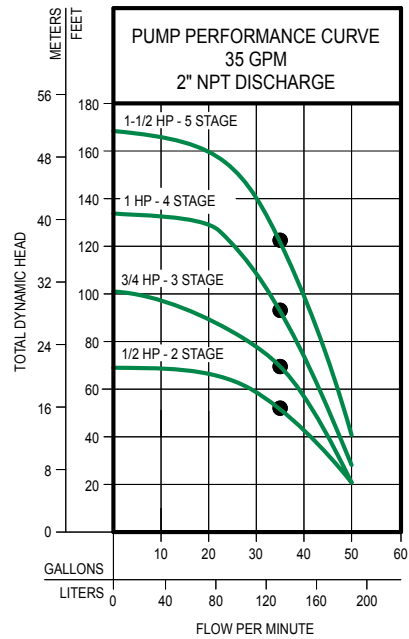
27 GPM Models



015045

Part Number	H P	Voltage	Phase	Amps	Stages	Height
5032-0005	1/2	115	1	12.0	4	21-1/8"
5032-0006	1/2	230	1	6.0	4	21-1/8"
5032-0007	3/4	230	1	8.0	6	24-5/16"
5032-0008	1	230	1	9.8	7	26-7/16"
5032-0009	1-1/2	230	1	13.1	10	31-7/8"

35 GPM Models

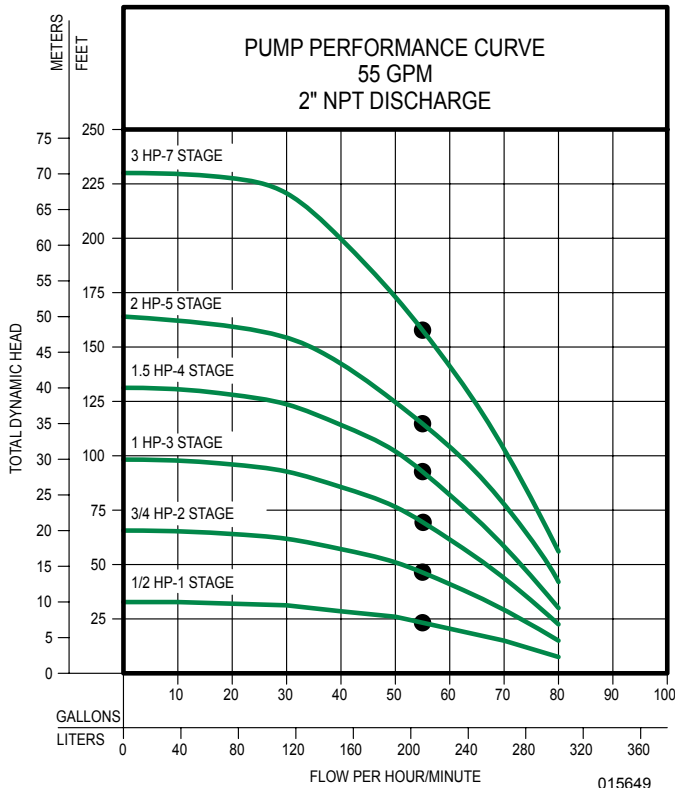


015044

Part Number	H P	Voltage	Phase	Amps	Stages	Height
5033-0005	1/2	115	1	12.0	2	19-7/16"
5033-0006	1/2	230	1	6.0	2	19-7/16"
5033-0007	3/4	230	1	8.0	3	22-3/16"
5033-0008	1	230	1	9.8	4	24-15/16"
5033-0009	1-1/2	230	1	13.1	5	29-15/16"

Multi-Stage Effluent Turbine Submersible Pumps

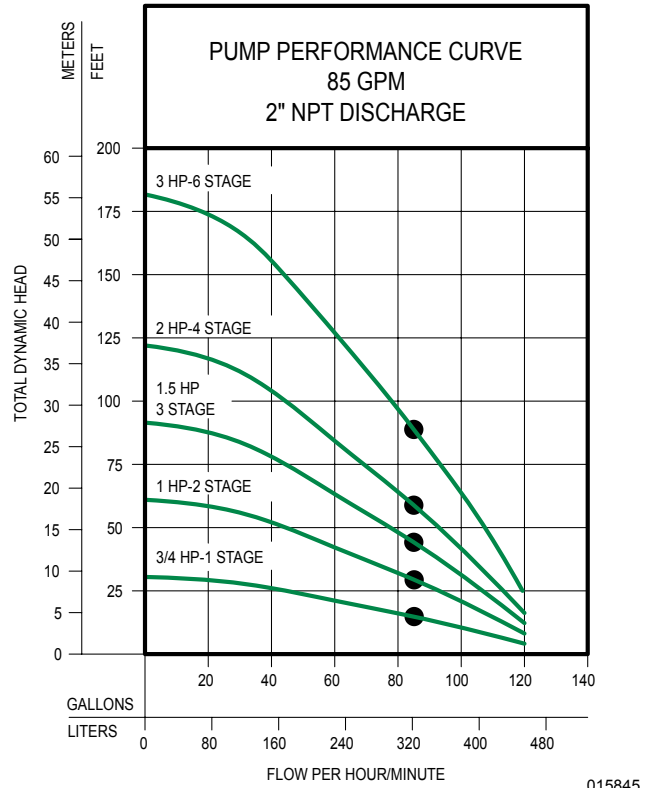
55 GPM Models



Part Number	H P	Voltage	Phase	Amps	Stages	Height
5034-0005	1/2	115	1	12.0	1	18-5/16"
5034-0006	1/2	230	1	6.0	1	18-5/16"
5034-0007	3/4	230	1	8.0	2	21-9/16"
5034-0008	1	230	1	9.8	3	24-3/4"
5034-0009	1-1/2	230	1	13.1	4	30-3/16"
5034-0010*	2	230	1	13.2	5	32-5/16"
5034-0011*	3	230	1	14.5	7	40-7/16"

*Includes starter box and 25' long flat wire cable assembly.

85 GPM Models



Part Number	H P	Voltage	Phase	Amps	Stages	Height
5035-0005	3/4	230	1	8.0	1	20-1/8"
5035-0006	1	230	1	9.8	2	24"
5035-0007	1-1/2	230	1	13.1	3	30-1/8"
5035-0008*	2	230	1	13.2	4	32-7/8"
5035-0009*	3	230	1	14.5	6	42-3/8"

*Includes starter box and 25' long flat wire cable assembly.

Accessories

Filtered STEP System

This Zoeller Filtered STEP System is designed as an economical and reliable solution to an On-Site pumping requirement. When the effluent must be pumped up hill, for enhanced flow, pressure sewer or where alternative systems require high head, the Filtered STEP System is the answer without the extra cost of a pumping chamber.

For use with pumps up to 55 GPM. Contact Factory for 85 GPM applications.

See FM2244 for more information.



Zoeller Pressure Effluent Filter

The Zoeller Pressure Filter will help prolong the life of an on-site drainfield by filtering out solids which cause plugging. Used in both residential and commercial applications, this unique design and mounting location allows easy access to the filtering screen.

Use in low-pressure pipe, drip, or enhanced flow applications. Use as a prefilter for dosed treatment devices such as recirculating media filters.

See FM2090 for more information.



Brass



All brass spring loaded check valves are designed to screw directly into the pump discharge. Check valves are assembled with components suitable for a septic environment. Check valves should be used at the pump in a pressure sewer system. A redundant PVC check valve and isolator (ball) valve should also be used at the sewer connection in pressure sewers.

Part Number	Piping Size	Pressure Rating	Weight
30-0187	1-1/4"	400 psi	2 lbs.
30-0189	2"	400 psi	3 lbs.

Check Valves

PVC



PVC check valves can be used inline with the pump discharge piping or at the street service connection in a pressure sewer system. Check valves are a true-union design so they can be removed and serviced without cutting the pipe. Clear PVC for easy inspection and connection via a glue joint.

Part Number	Piping Size	Pressure Rating	Weight
30-0207	1"	125 psi	1 lb.
30-0209	1-1/2"	125 psi	1 lb.
30-0210	2"	125 psi	3 lbs.

Rail Systems



Piping not included.

Rail systems are used for easy pump removal from an effluent pit. Service personnel will not need to enter a hazardous environment. Pump sits on floor and engages piping system via a sliding disconnect fitting. All parts are stainless steel or brass and suitable for a septic environment.

Part Number	Piping Size	Weight
39-0098	1-1/4" Female pipe thread	10 lbs.
39-0099	1-1/2" Female pipe thread	11 lbs.
39-0100	2" Female pipe thread	12 lbs.

Disconnects Only

Part Number	Pipe Size	Weight
39-0053	1-1/4"	2 lbs.
39-0001	1-1/2"	2 lbs.
39-0002	2"	2.5 lbs.

Stainless Steel Pull Rods

3/8"-16 UNC	
Part Number	Length
39-0069	1'
39-0006	2½'
39-0007	3½'
39-0008	4½'
39-0009	5½'
39-0018	7'
39-0010	8'

ALL ZOELLER ON-SITE WASTEWATER PRODUCTS MUST BE INSTALLED IN ACCORDANCE WITH LOCAL AND/OR STATE PLUMBING AND/OR HEALTH DEPARTMENT CODES.