

Trash Pump HS HS • HSZ • HSE - 1/2 to 1 HP

HS / HSZ / HSE Series: Durable trash pumps in 2" and 3" sizes designed to pump water containing sand, solids, and debris with minimal wear and clogging. The HS models are manual operation for plug in and run operation. The HSZ includes an integral float switch that turns the pump on and off as the water level raises and lowers. The HSE models utilize a conductive electrode relay unit for tight space automatic operation where a float switch won't fit.



Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps.

Model	Motor Output (HP)	Phase	Discharge Bore (inch)	Cable Length (ft)	Dimension (inch)		Continuous Running Water Level (inch)	Float Start ¹ / Float Stop ¹ Level		Shipping Weight (lbs.)
					Diameter	Height				
HS2.4S	1/2	Single	2	20	10 1/16	12 15/16	3 1/2	N/A		30
HSZ2.4S	1/2	Single	2	20	13 1/2*	15 1/8*	15 1/8*	15 1/8	4 3/4	30
HSE2.4S	1/2	Single	2	32	10 1/16	14 1/8	6 1/2	N/A		30
HS2.75S	1	Single	2	32	11 7/16	15 5/16	3 1/2	N/A		47
HSZ2.75S	1	Single	2	32	13 1/2*	17 1/2*	17 1/2*	17 1/2	7 1/8	47
HS3.75S	1	Single	3*	32	12 7/16	15 5/16	3 1/2	N/A		50
HS3.75SL	1	Single	3	32	12 7/16	16 3/4	4 3/4	N/A		55
HSZ3.75S	1	Single	3*	32	13 1/2*	17 1/2*	17 1/12*	17 1/2	7 1/8	50
HSZ3.75SL	1	Single	3	32	15 3/4*	19 7/8*	19 7/8*	19 7/8	7 1/8	55

*2" option is available

*Minimum Required Space

*Pump Starting Level

¹See note in graphic below.

HS • HSZ • HSE TRASH PUMPS

- Built-in shaft mounted agitator suspends solids
- Urethane semi vortex impeller maintains pump performance through superior wear resistance
- Dual inside mechanical seal with sic faces provides longest operational life
- Oil lifter provides lubrication of the seal faces
- V-ring seal design protects mechanical seal from abrasive particles

Technical features of automatic (E) water level sensor*

* not for use in distilled or deionized water

- Conductive electrodes detect water to start pump operation even when foreign materials are present
- Internal 60-second timer eliminates frequent on/off operation in rough water to extend motor life
- Automatic water level sensor completely molded in resin and covered by rubber case for protection against rough handling.
- Jobsite tested for more than 30,000 on-off cycles without failure or damage

Optional accessories - See page 25-26

- Vertical discharge coupling
- 2-inch NPT coupling available for HS(Z)3.75S

HSZ2.4S / 2.75S / 3.75S(L) Pump Dimension Reference

Float Start Range can fluctuate by 3 1/2".
Float Stop Range can fluctuate by 1 5/8".

