

Wastewater

WS Sewage Series



Applications

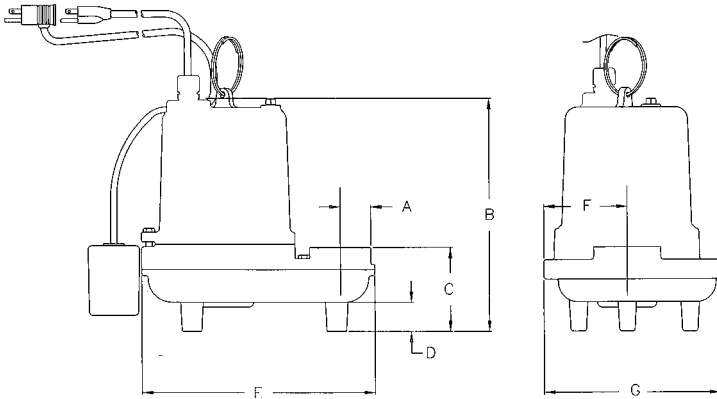
- Ideal for handling raw sewage as well as commercial dewatering sump applications with up to 2" solids.

Features

- 1/2 hp and 1 hp oil filled chamber with double ball bearing. Designed for hi-torque and is thermally protected with automatic reset (single-phase only)
- Motor shaft is stainless steel
- Motor and pump housing is cast iron
- 2" NPT discharge
- Mechanical carbon/ceramic seal
- Cast iron solids handling non-clog impeller
- Stainless steel fasteners throughout, for serviceability
- Mechanical float switch for automatic on-off operation; piggyback style
- Power cord sealed at motor housing



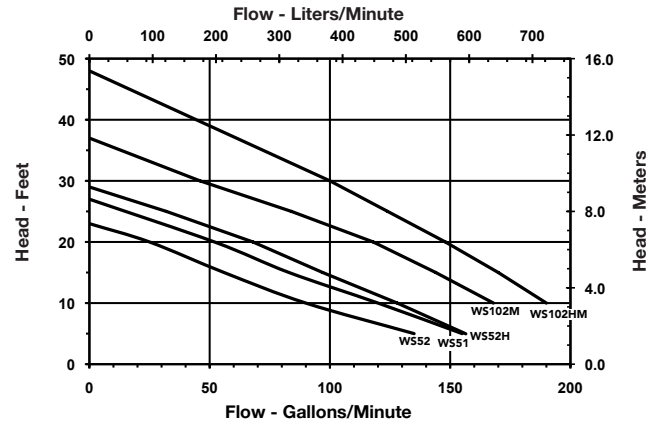
Engineering Data



*Dimensions measured in inches [mm]

Model	A	B	C	D	E	F	G
WS51	1.75" [44.5]	13.25" [336.6]	5.25" [133.4]	2" [50.1]	12.25" [311.2]	4.68" [118.9]	9.38" [238.3]
WS52	1.75" [44.5]	14" [355.6]	6.38" [162.1]	2.31" [58.7]	12.25" [311.2]	4.68" [118.9]	9.38" [238.3]
WS52H	1.75" [44.5]	15.1" [383.6]	6.38" [162.1]	2.31" [58.7]	12.25" [311.2]	4.68" [118.9]	9.38" [238.3]
WS102	1.75" [44.5]	15.1" [383.6]	6.38" [162.1]	2.31" [58.7]	12.25" [311.2]	4.68" [118.9]	9.38" [238.3]
WS102H	1.75" [44.5]	15.1" [383.6]	6.38" [162.1]	2.31" [58.7]	12.25" [311.2]	4.68" [118.9]	9.38" [238.3]

Performance Data



Performance Chart

Model No.	RPM	Performance (gpm @ head)							Shut-Off Head (ft)
		5'	10'	15'	20'	25'	30'	35'	
WS51	1750	155	120	83	52	-	-	-	27
WS52	1750	135	90	56	14	-	-	-	23
WS52H	3450	156	128	97	68	32	-	-	29
WS102	1750	-	168	144	118	85	46	-	37
WS102H	3450	-	190	170	148	124	100	74	48

Specifications

Item No.	Model No.	Listing	HP	Volts	SFA	Phase	Solids Handling	Discharge	Switch	Cord Length (ft)	Ship Wt. (lbs)
620012	WS51M	cCSAus	1/2	115	11.6	1	1-3/8"	2"	Manual	20	55
620002	WS51AM	cCSAus	1/2	115	11.6	1	1-3/8"	2"	Automatic	20	57
620013	WS52M	cCSAus	1/2	115	11.6	1	2"	2"	Manual	20	57
620003	WS52AM	cCSAus	1/2	115	11.6	1	2"	2"	Automatic	20	59
620254	WS52HM	cCSAus	1/2	115	11.6	1	2"	2"	Manual	30	58
620255	WS52HAM	cCSAus	1/2	115	11.6	1	2"	2"	Automatic	30	60
620256	WS52HM-12	cCSAus	1/2	208-230	11.6	1	2"	2"	Manual	30	58
620257	WS52HAM-12	cCSAus	1/2	208-230	11.6	1	2"	2"	Automatic	30	60
620203	WS102M-12	cCSAus	1	208-230	9.8 - 10.7	1	2"	2"	Manual	20	62
620215	WS102AM-12	cCSAus	1	208-230	9.8 - 10.7	1	2"	2"	Automatic	20	64
620208	WS102M-32	cCSAus	1	208-230	4.30 - 4.58	3	2"	2"	Manual	20	63
620209	WS102M-34	cCSAus	1	460	2.15	3	2"	2"	Manual	20	63
620258	WS102HM-12	cCSAus	1	230	13.3	1	2"	2"	Manual	30	61
620259	WS102HAM-12	cCSAus	1	230	13.3	1	2"	2"	Automatic	30	63



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 Form 996172 - 05/11