

CONTINUED

Submersible Sump Pumps



HP	Nominal Voltage	Amps	Switch Actuation	Flow Rate @ 10 Ft. of Head	Min. Sump Pit Dia.	Cord Length	Base Material*	Impeller Material*	Max. Head	On Point	Off Point	Discharge	Max. Dia. Solids	Max. Liquid Temp.	Brand	Item No.
Valox Body Integral																
1/4	110 V AC	1 A	Sensor	—	—	24 ft	—	N	15 ft	—	—	1 1/2 in ; 3/4 in ; 1 in	—	104 °F	Rule	3P994
Stainless Steel Body																
1/2	110 V AC	—	Vertical Float	33 gpm	18 in	15 ft	Cl	SS	10 ft	1 3/4 in	1 3/4 in	1 1/2 in FNPT	1 1/2 in	95 °F	Ez-Flo	447P50
Piggyback																
1/2	110 V AC	2.3 A	Vertical Float	23 gpm	12 in	10 ft	PP	PA	22 ft	6 1/4 in	2 3/8 in	1 1/4 in MNPT	1/4 in	104 °F	Dayton	3YU72
3/8	110 V AC	2.8 A	Tether Float	8 gpm	12 in	15 ft	SS	SS	16 ft	14 in	7 5/8 in	1 1/4 in MNPT	3/4 in	104 °F	Dayton	3YU74
1/2	110 V AC	4 A	Dual Micro Reed	50 gpm	8 in	13 ft	Cl	PC	30 ft	—	—	1 1/2 in FNPT	1/8 in	104 °F	Dayton	1APP1
1/2	110 V AC	2.9 A	Vertical Float	35 gpm	12 in	10 ft	PP	PA	25 ft	6 1/4 in	2 3/8 in	1 1/4 in MNPT	1/4 in	104 °F	Dayton	3YU73
1/2	110 V AC	4.1 A	Tether Float	25 gpm	12 in	15 ft	SS	SS	23 ft	15 in	8 3/8 in	1 1/4 in MNPT	3/4 in	104 °F	Dayton	3YU75
1/2	110 V AC	4.3 A	Dual Micro Reed	65 gpm	8 in	13 ft	Cl	PC	33 ft	—	—	2 in FNPT	1/8 in	104 °F	Dayton	1APP2
3/4	110 V AC	6.4 A	Tether Float	34 gpm	12 in	15 ft	SS	SS	26 ft	15 5/8 in	8 1/2 in	1 1/4 in MNPT	3/4 in	104 °F	Dayton	3YU76

Aluminum Body No Switch Included																
1/2	110 V AC	3.8 A	No Switch Incl.	46 gpm	8 in	13 ft	Cl	EP	29 ft	—	—	1 1/2 in FNPT	1/4 in	104 °F	Dayton	1XHV6
1/2	110 V AC	4.8 A	No Switch Incl.	61 gpm	11 in	10 ft	Cl	EP	32 ft	—	—	2 in FNPT	1/2 in	104 °F	Dayton	1XHV7

Cast-Bronze Body Integral																
3/10	110 V AC	9.6 A	Vertical Float	34 gpm	18 in	9 ft	PP	Bronze	19 ft	7 1/4 in	3 in	1 1/2 in FNPT	1/2 in	130 °F	Zoeller	2P548
3/10	110 V AC	10 A	Diaphragm	42 gpm	—	10 ft	PP	PP	23 ft	7 in to 10 in	1 in to 4 in	1 1/2 in FNPT	1/2 in	140 °F	Little Giant	3P641

* BZ = bronze, Cl = cast iron, EP = engineered polymer, N = nylon, PA = polyamide, PC = polycarbonate, PL = plastic, Pw/MI = plastic with metal insert, PP = polypropylene, SS = stainless steel, TPL = thermoplastic. † Variable is manually set by the length of the float cord and float.

Pedestal Sump Pumps



- 110V AC nominal voltage
- Single phase
- Continuous-duty motors with TEFC enclosure, except 4KU60 to 4KU64 have PSC motors with ODP enclosure
- Stainless steel shaft, except 4KU64 is plastic

Pumps have a long rod with a float on the end to turn the switch on and off. Three prong/grounded power cord plug.

Note: A check valve is recommended, see page 2630. Additional float balls are available on page 2911. For replacement motors, see page 26.

Cast-Iron Body—Material efficiently disperses heat.
Cast-Bronze Body—Durable and corrosion resistant.

Stainless Steel Body—Offer good strength and corrosion resistance.
Plastic Body—ABS/plastic is lightweight and won't corrode.

HP	Flow Rate @ 10 Ft. of Head	Basin Dia.	Cord Length	Impeller Material*	Min. Sump Pit Dia.	On Point	Off Point	Discharge	Max. Head	Max. Dia. Solids	Max. Liquid Temp.	Item No.
Cast-Iron Body												
1/2 hp	37.0 gpm	25 in	10 ft	SS	18 in	13 in-15 in	5 in	1 1/4 in FNPT	18 ft	3/8 in	140 °F	4KU60
	44.0 gpm	27 in	8 ft	SS	18 in	11 in	4 in	1 1/4 in FNPT	20 ft	1/2 in	200 °F	5URH7
	44.0 gpm	38 3/4 in	8 ft	SS	18 in	11 in	4 in	1 1/4 in FNPT	20 ft	1/2 in	200 °F	5URH8
	48.0 gpm	25 in	10 ft	SS	18 in	13 in-15 in	5 in	1 1/4 in FNPT	22 ft	3/8 in	140 °F	4KU61
1/2 hp	72.0 gpm	33 in	8 ft	Cl	18 in	11 in	4 in	2 in FNPT	20 ft	3/4 in	200 °F	5URJ5
	72.0 gpm	45 in	8 ft	Cl	18 in	11 in	4 in	2 in FNPT	20 ft	3/4 in	200 °F	5URJ6
Stainless Steel Body												
1/2 hp	44.0 gpm	33 in	8 ft	SS	18 in	11 in	4 in	1 1/4 in FNPT	20 ft	1/2 in	200 °F	5URJ1
	44.0 gpm	45 in	8 ft	SS	18 in	11 in	4 in	1 1/4 in FNPT	20 ft	1/2 in	200 °F	5URJ2
	58.0 gpm	33 in	8 ft	SS	18 in	11 in	4 in	1 1/4 in FNPT	22 ft	1/2 in	200 °F	5URJ3
1/2 hp	58.0 gpm	45 in	8 ft	SS	18 in	11 in	4 in	1 1/4 in FNPT	22 ft	1/2 in	200 °F	5URJ4
	72.0 gpm	33 in	8 ft	SS	18 in	11 in	4 in	2 in FNPT	20 ft	3/4 in	200 °F	5URJ7
Cast-Bronze Body												
1/2 hp	37.0 gpm	25 in	10 ft	SS	18 in	13 in-15 in	5 in	1 1/4 in FNPT	18 ft	3/8 in	140 °F	4KU62
	44.0 gpm	27 in	8 ft	SS	18 in	11 in	4 in	1 1/4 in FNPT	20 ft	1/2 in	200 °F	5URH9
	44.0 gpm	38 3/4 in	8 ft	SS	18 in	11 in	4 in	1 1/4 in FNPT	20 ft	1/2 in	200 °F	5URJ0
1/2 hp	48.0 gpm	25 in	10 ft	SS	18 in	13 in-15 in	5 in	1 1/4 in FNPT	22 ft	3/8 in	140 °F	4KU63
Plastic Body												
1/2 hp	37.0 gpm	25 in	10 ft	ABS	18 in	13 in-15 in	5 in	1 1/4 in FNPT	18 ft	3/8 in	120 °F	4KU64

Item	Float Dia.	Material of Construc.	Item No.
Float Balls and Float Switch			
Float Ball	4 in	Copper	4KU66
	4 in	Copper	4KU67
	4 in	Polyethylene	4KU65
	5 in	Stainless Steel	2UV53
Float Switch	—	—	4KU68

* ABS = acrylonitrile butadiene styrene, Cl = cast iron, SS = stainless steel.



Cast-Iron Body 4KU60



Float Ball 2UV53



Float Switch 4KU68

High-Temperature Sump Pumps



- 110 V AC nominal voltage

Use in boiler blow-down pits, plant washdown sump pits, underground transformer vaults, and industrial cleaning sump pits.

Notes: Basin material must be designed for the elevated temperatures anticipated. Continuous duty based on motor NEMA standards. For high-temperature check valves, see page 2655.

Liberty Pumps—HT40 Series feature epoxy powder coat finish and a high temperature float. HT450 Series feature oil-filled thermally protected motor, permanently lubricated bearings and a high temperature float.

Dayton—2-vane impeller and a PSC motor with upper and lower oil-lubricated ball bearings and Type 21 inboard mechanical seal. 15-ft. rope eases installation.

Little Giant—Epoxy-coated cast-iron housing, 416 stainless steel rotor shaft, and upper and lower ball bearings.

Zoeller—5CZG0 is rated for intermittent temp. up to 200°F, regular contact up to 180°F. Viton gaskets. 3-ft. flexible conduit to remove the switch assembly from the high-temp. operating level.



4CRE5



35LV01

HP	Max. Liquid Temp.	Switch Actuation	Body Dia.	H	Amps	Cord Length	Body Material*	Impeller Material*	Shaft Seal*	Discharge FNPT	Max. Dia. Solids	GPM of Water @ Total ft. of Head**	Max. Head	Brand	Mfr. Model	Item No.	
Effluent Pumps, 115V AC																	
3/10	200 °F	No Switch Incl.	—	11 1/2"	12.00	10 ft.	Cl	EP	CRB, CMC	1 1/2"	3/4"	59.0 51 31.0	—	20 ft	Liberty	HT41M	443W22
3/10	200 °F	No Switch Incl.	—	11 1/2"	12.00	25 ft.	Cl	EP	CRB, CMC	1 1/2"	3/4"	59.0 51 31.0	—	20 ft	Liberty	HT41M-2	443W21
3/10	200 °F	Tether Float	—	11 1/2"	12.00	25 ft.	Cl	EP	CRB, CMC	1 1/2"	3/4"	59.0 51 31.0	—	20 ft	Liberty	HT41A-2	444A25
3/10	200 °F	Tether Float	9 1/8"	9 5/8"	12.00	10 ft.	Cl	EP	CRB, CMC, NR, SS	1 1/2"	3/4"	59.0 50 32.0	—	20 ft	Liberty	HT41A	5YE81
Sewage Pumps, 120V AC																	
3/10	200 °F	No Switch Incl.	10 2/3"	15 1/2"	9.50	15 ft.	Cl	Cl	SIC, Viton	2"	2"	— 60 40	—	18 ft	Dayton	4CRE4	4CRE4
1/2	200 °F	No Switch Incl.	10 2/3"	15 1/2"	10.50	15 ft.	Cl	Cl	SIC, Viton	2"	2"	— 100 80	35	24 ft	Dayton	4CRE5	4CRE5
Sump Pumps, 115V AC																	
1/2	200 °F	Tether Float	8 1/8"	10 7/8"	10.10	8 ft.	Cl	N	CRB, Ni-Resist	1 1/2"	1/2"	50.0 42 27.0	—	20 ft	Little Giant	506600	5EAF3
1/2	200 °F	Tether Float	10 3/32"	10 1/16"	9.70	10 ft.	Cl	Cl	CRB, Ni-Resist	1 1/2"	1/2"	39.0 31 17.0	—	18 ft	Zoeller	BN2057	5CZ60
1/2	180 °F	No Switch Incl.	—	12 1/32"	7.30	10 ft.	AL	EP	NR	1 1/2"	3/8"	48.0 44 38.0	32.0	34 ft	Liberty	HT450	444A24
1/2	180 °F	Tether Float	9 5/8"	12 1/2"	—	10 ft.	AL	EP	NR	1 1/2"	3/8"	50.0 43 39.0	32.0	34 ft	Liberty	HT453	2WMN5
1/2	200 °F	Sensor	6 3/16"	11 3/32"	8.00	9 ft.	Cl	N	—	1 1/2"	1/2"	75.0 65 60.0	40.0	30 ft	Little Giant	511710	35LV01
1/2	200 °F	Vertical Float	11"	13 1/2"	9.40	15 ft.	Cl	Cl	Viton	1 1/2"	1/2"	66.0 56 41.0	23.0	21 ft	Zoeller	M3098	4P023

* AL = aluminum, Cl = cast-iron, CMC = ceramic, CRB = carbon, EP = engineered polymer, NR = nitrile rubber, N = nylon, SIC = silicon carbide.

** Pump performance based upon room temperature; as temperature increases, performance will vary.