

CONTINUED

Horizontal Booster Pumps



HP	Flow Rate @ 20 psi	Flow Rate @ 30 psi	Flow Rate @ 40 psi	Flow Rate @ 50 psi	Flow Rate @ 60 psi	No. of Stages	Shut Off Pressure (Maximum)	Intake and Discharge Size	Motor Encl.†	For Use With Systems	Maximum Media Temperature	Case Pressure (Maximum)	Brand	Mr. Model	Item No.
Three Phase, 208-230/460V AC															
Cast Iron Housing															
3/4	12.8 gpm	11.9 gpm	11 gpm	10.8 gpm	10.6 gpm	9	141 psi	3/4 in, 3/4 in	ODP	Non-Potable	140 °F	300 psi	Dayton	45MW69	45MW69
	13.4 gpm	12.9 gpm	12.2 gpm	11.5 gpm	10.9 gpm	12	152 psi	3/4 in, 3/4 in	ODP	Non-Potable	140 °F	300 psi	Flint & Walling	PB0712A073	22W712
	52 gpm	19 gpm	—	—	—	1	33 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	100 psi	Dayton	45MW14	45MW14
	54 gpm	19 gpm	—	—	—	1	33 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	100 psi	Flint & Walling	CJ103073	22W741
1	15.5 gpm	15 gpm	14.5 gpm	14 gpm	13.4 gpm	14	185 psi	3/4 in, 3/4 in	ODP	Non-Potable	140 °F	300 psi	Flint & Walling	PB1014A103	22W716
	38 gpm	34 gpm	27 gpm	20 gpm	—	2	62 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	160 psi	Flint & Walling	CJ101B103AB	32ZN64
	59 gpm	44 gpm	21 gpm	—	—	1	42 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	100 psi	Dayton	45MW17	45MW17
	—	32 gpm	27 gpm	23 gpm	3 gpm	2	60 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	160 psi	Dayton	45MW19	45MW19
1 1/2	15.3 gpm	14.8 gpm	14.3 gpm	13.8 gpm	13.3 gpm	13	194 psi	3/4 in, 3/4 in	ODP	Non-Potable	140 °F	300 psi	Dayton	45MW75	45MW75
	16 gpm	15.5 gpm	15 gpm	14.5 gpm	14.1 gpm	16	211 psi	3/4 in, 3/4 in	ODP	Non-Potable	140 °F	300 psi	Flint & Walling	PB1016A153	22W718
	45 gpm	40 gpm	35 gpm	41 gpm	19 gpm	2	69 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	160 psi	Flint & Walling	CJ101B153AB	22W755
	48 gpm	43 gpm	38 gpm	31 gpm	23 gpm	4	81 psi	1 1/2 in, 1 in	ODP	Non-Potable	194 °F	150 psi	Dayton	5UXG2	5UXG2
2	—	35 gpm	29 gpm	20 gpm	10 gpm	2	65 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	160 psi	Dayton	45MW23	45MW23
	27 gpm	26 gpm	25.7 gpm	25 gpm	24.2 gpm	14	190 psi	3/4 in, 3/4 in	ODP	Non-Potable	140 °F	—	Flint & Walling	PB1914A203	44ZC14
	30.1 gpm	29 gpm	27.9 gpm	26.9 gpm	25.9 gpm	9	134 psi	1 in, 1 in	ODP	Non-Potable	140 °F	300 psi	Dayton	45MW79	45MW79
	34 gpm	32.5 gpm	31.5 gpm	31 gpm	29.5 gpm	11	150 psi	1 in, 1 in	ODP	Non-Potable	140 °F	300 psi	Flint & Walling	PB2711A203	22W720
3	47 gpm	45 gpm	42.5 gpm	40 gpm	35.2 gpm	6	85 psi	1 in, 1 in	ODP	Non-Potable	140 °F	300 psi	Flint & Walling	PB3506A203	22W722
	49 gpm	45 gpm	41 gpm	36.5 gpm	31 gpm	5	80 psi	1 1/2 in, 1 in	ODP	Non-Potable	194 °F	150 psi	Dayton	5UXG3	5UXG3
	50 gpm	48 gpm	42 gpm	35 gpm	27 gpm	2	70 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	160 psi	Flint & Walling	CJ101B203AB	22W759
	—	34 gpm	32 gpm	29 gpm	25 gpm	3	88 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	160 psi	Dayton	45MW29	45MW29
5	—	65 gpm	40 gpm	—	—	1	42 psi	1 1/2 in, 1 1/4 in	TEFC	Non-Potable	248 °F	100 psi	Dayton	45MW25	45MW25
	—	—	—	22 gpm	—	11	148 psi	1 1/4 in, 1 in	TEFC	Non-Potable	248 °F	245 psi	Dayton	5UWJ9	5UWJ9
	34.5 gpm	37.5 gpm	33 gpm	32.5 gpm	31.5 gpm	14	190 psi	1 in, 1 in	ODP	Non-Potable	140 °F	300 psi	Flint & Walling	PB2714A303	22W724
	43.1 gpm	42.5 gpm	41.8 gpm	39.9 gpm	37.9 gpm	9	120 psi	1 in, 1 in	ODP	Non-Potable	140 °F	300 psi	Dayton	45MW81	45MW81
3	47.5 gpm	46 gpm	44 gpm	42.9 gpm	40 gpm	8	118 psi	1 in, 1 in	ODP	Non-Potable	140 °F	300 psi	Flint & Walling	PB3508A303	22W726
	51 gpm	48 gpm	45 gpm	41.5 gpm	38 gpm	6	121 psi	1 1/4 in, 1 in	TEFC	Non-Potable	194 °F	150 psi	Dayton	5UXG4	5UXG4
	55 gpm	52 gpm	49 gpm	45 gpm	40 gpm	3	95 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	160 psi	Flint & Walling	CJ101C303AB	22W767
	95 gpm	86 gpm	75 gpm	60 gpm	40 gpm	2	85 psi	3 in, 2 in	ODP	Non-Potable	200 °F	120 psi	Flint & Walling	C22233	22W769
5	—	39 gpm	37 gpm	33 gpm	30 gpm	3	92 psi	1 1/2 in, 1 1/4 in	ODP	Non-Potable	200 °F	160 psi	Dayton	45MW31	45MW31
	143 gpm	137 gpm	124 gpm	111 gpm	91 gpm	2	85 psi	3 in, 2 in	ODP	Non-Potable	200 °F	120 psi	Flint & Walling	C22253	22W771
Stainless Steel Housing															
3/4	9.5 gpm	9 gpm	8.3 gpm	7.6 gpm	7.1 gpm	12	132 psi	3/4 in, 3/4 in	ODP	Potable	140 °F	—	Flint & Walling	PB0512S053	44ZC10
	12.8 gpm	11.9 gpm	11 gpm	10.8 gpm	10.6 gpm	9	141 psi	3/4 in, 3/4 in	ODP	Non-Potable	140 °F	300 psi	Dayton	45MW86	45MW86
	13.4 gpm	12.9 gpm	12.2 gpm	11.5 gpm	10.9 gpm	12	152 psi	3/4 in, 3/4 in	ODP	Potable	140 °F	300 psi	Flint & Walling	PB0712S073	22W729
	14.8 gpm	14.7 gpm	14.6 gpm	14.1 gpm	13.5 gpm	12	171 psi	3/4 in, 3/4 in	ODP	Non-Potable	140 °F	300 psi	Dayton	45MW88	45MW88
1	15.5 gpm	15 gpm	14.5 gpm	14 gpm	13.4 gpm	14	185 psi	3/4 in, 3/4 in	ODP	Potable	140 °F	300 psi	Flint & Walling	PB1014S103	22W731
	—	—	20 gpm	17 gpm	11.5 gpm	1	85 psi	1 1/4 in, 1 in	ODP	Non-Potable	140 °F	85 psi	Goulds	LB1035	6KFF2
	—	—	—	24 gpm	24 gpm	5	145 psi	1 in, 1 in	TEFC	Non-Potable	248 °F	—	Goulds	3HM05N0716PBQE	52XF08
	15.3 gpm	14.8 gpm	14.3 gpm	13.8 gpm	13.3 gpm	13	194 psi	3/4 in, 3/4 in	ODP	Non-Potable	140 °F	300 psi	Dayton	45MW90	45MW90
1 1/2	16 gpm	15.5 gpm	15 gpm	14.5 gpm	14.1 gpm	16	212 psi	3/4 in, 3/4 in	ODP	Potable	140 °F	300 psi	Flint & Walling	PB1016S153	22W733
	—	27 gpm	25 gpm	23.5 gpm	21 gpm	5	111 psi	1 1/4 in, 1 in	ODP	Potable	225 °F	150 psi	Franklin Electric	96061513	22D099
	—	—	—	44 gpm	44 gpm	4	145 psi	1 1/4 in, 1 in	TEFC	Non-Potable	248 °F	—	Goulds	5HM04N11T6PBQE	52XF09
	27 gpm	26 gpm	25.7 gpm	25 gpm	24.2 gpm	14	190 psi	3/4 in, 3/4 in	ODP	Potable	140 °F	—	Flint & Walling	PB1914S203	44ZC16
2	30.1 gpm	29 gpm	27.9 gpm	26.9 gpm	25.9 gpm	9	134 psi	1 in, 1 in	ODP	Non-Potable	140 °F	300 psi	Dayton	45MW92	45MW92
	34 gpm	32.5 gpm	31.5 gpm	31 gpm	29.5 gpm	11	150 psi	1 in, 1 in	ODP	Potable	140 °F	300 psi	Flint & Walling	PB2711S203	22W735
	—	44 gpm	42 gpm	39.5 gpm	37 gpm	5	116 psi	1 1/4 in, 1 in	ODP	Potable	225 °F	150 psi	Franklin Electric	96063013	22D099
	—	—	—	44 gpm	44 gpm	5	145 psi	1 1/4 in, 1 in	TEFC	Non-Potable	248 °F	—	Goulds	5HM05N15T6PBQE	52XF10
3	—	27 gpm	25 gpm	23 gpm	23 gpm	6	135 psi	1 1/4 in, 1 in	ODP	Potable	225 °F	150 psi	Franklin Electric	96061514	22D091
	31.2 gpm	30.5 gpm	29.8 gpm	28.7 gpm	27.5 gpm	13	172 psi	1 in, 1 in	ODP	Non-Potable	140 °F	300 psi	Dayton	45MW94	45MW94
	34.5 gpm	37.5 gpm	33 gpm	32.5 gpm	31.5 gpm	14	187 psi	1 in, 1 in	ODP	Potable	140 °F	300 psi	Flint & Walling	PB2714S303	22W737
	—	—	—	—	34.1 gpm	17	225 psi	1 in, 1 in	ODP	Potable	140 °F	—	Flint & Walling	PB2717S303A	44ZC17
Three Phase, 230/460V AC															
Stainless Steel Housing															
1 1/2	19.4 gpm	19.2 gpm	18.6 gpm	18.2 gpm	17.8 gpm	15	75 psi	1 in, 1 in	ODP	Non-Potable	160 °F	242 psi	Goulds	10GBS1512Q4	32J701
Three Phase, 230V AC															
Cast Iron Housing															
3	31.2 gpm	30.5 gpm	29.8 gpm	28.7 gpm	27.5 gpm	13	172 psi	1 in, 1 in	ODP	Non-Potable	140 °F	300 psi	Dayton	45MW82	45MW82

† TEFC = Totally Enclosed Fan Cooled. ODP = Open Drip Proof.

Impellers & Cartridge Assemblies for Booster Pumps

Cartridge assemblies allow for the replacement of all impellers at once instead of individually repairing or replacing impellers. Booster pumps have two or more impeller chambers to provide additional system pressure. These cartridge assemblies must match the booster pumps' brand, series, and manufacturer model number. **Dayton items include:** bearing, bearing spider, clip ring, coupling, O-Ring, shaft, shim washer, sleeve, and stage components (bowl, impeller and diffuser). **Flint & Walling items include:** (2) O-Ring, coupling, discharge bearing, shaft, and stage components.


Dayton				Flint & Walling			
Mr. Model	Compatible with Manufacturer Model Number	Compatible with Grainger Part Number	Item No.	Mr. Model	Compatible with Manufacturer Model Number	Compatible with Grainger Part Number	Item No.
AEYD2	45MW68, 45MW69	45MW68, 45MW69	41TK78	13498	PB1014A101, PB1014A103	22W715, 22W716, 2P280, 2P424	33L681
AEYD4	45MW72, 45MW73	45MW72, 45MW73	41TK80	135814	PB1016A151, PB1016A153	22W717, 22W718, 2PC32, 2PC33	33L682
AEYD5	45MW74, 45MW75	45MW74, 45MW75	41TK81	138946	PB1014S101, PB1014S103	22W736, 22W737, 4YC11, 4YC12	33L687
AEYD2	45MW87, 45MW88	45MW87, 45MW88	41TK88	136686	PB1016S151, PB1016S153	22W732, 22W733, 2PC47, 2PC48	33L689
AEYD3	45MW89, 45MW90	45MW89, 45MW90	41TK89	136629	PB2714A301, PB2714A303	22W723, 22W724, 2PC38, 2PC39	33L691
AEYD4	45MW91, 45MW92	45MW91, 45MW92	41TK90	134097	PB0712A071, PB0712A073	22W711, 22W712, 2P019, 2P423	33L693



Constant Pressure Booster Pumps

- NPT connections Maintain designated water pressure within water supply systems. As municipal supply pressure levels change, these pumps adjust water output to maintain the designated pressure level.

HP (Minimum)	Pressure Boost (Maximum)	Minimum Flow Rate	Maximum Flow Rate	Max. Ft. of Head*	Tank Cap.	Intake and Discharge Size	Motor Enclosure†	For Use With Systems	Maximum Media Temperature	Case Pressure (Maximum)	Brand	Mr. Model	Item No.	
Single Phase, 115V AC Plastic Housing														
1/2	—	55 psi	0 gpm	20 gpm	125 ft	—	1 1/4 in, 1 1/4 in	TEFC	Potable	120 °F	—	Little Giant	92061503	44ZJ80
Stainless Steel Housing														
1/2	25 psi	35 psi	2.9 gpm	13.4 gpm	—	—	1 in, 1 in	TEFC	Non-Potable	95 °F	75 psi	Dayton	4HFA6	4HFA6
3/4	2 psi	41 psi	—	24 gpm	—	—	1 in, 1 in	ODP	Non-Potable	—	80 psi	Dayton	4HFZ1	4HFZ1
	25 psi	35 psi	1.8 gpm	15 gpm	—	—	1 in, 1 in	TEFC	Non-Potable	95 °F	75 psi	Dayton	4HFA7	4HFA7
1	25 psi	35 psi	5.3 gpm	18.5 gpm	—	—	1 in, 1 in	TEFC	Non-Potable	95 °F	75 psi	Dayton	4HFA8	4HFA8
	40 psi	55 psi	5 gpm	10 gpm	168 ft	2 gal	1 in, 1 in	TEFC	Non-Potable	212 °F	—	Goulds	1151AB21HM06	48GP51
Single Phase, 230V AC Stainless Steel Housing														
1	20 psi	35 psi	20 gpm	30 gpm	110 ft	4.5 gal	1 1/4 in, 1 in	TEFC	Non-Potable	212 °F	—	Goulds	1AB25HM03	48GP25
1 1/2	—	60 psi	1 gpm	46 gpm	160 ft	4 gal	1 1/4 in, 1 1/4 in	TEFC	Potable	145 °F	150 psi	Little Giant	90411T01	13T430



Single Phase
115V AC,
Stainless
Steel Housing
4HFZ1