

## Pressure Booster Pumps

**Pressure Booster Pumps** for a wide variety of pumping applications. Ideal for increasing rinse water pressure, liquid transfer, spot-free water re-pressurization, lawn sprinkler and many others. Standard construction is Stainless Steel or Cast Iron. (Not Self-priming). Maximum temperature is 160° F. - water only.

### APPLICATION FOR:

- Residential, commercial or agricultural pressure wash
- Reverse osmosis
- Evaporative cooling systems/misters
- Booster Service
- Spray systems
- Water circulation
- Filtration
- HVAC
- General purpose pumping



Motors are 60HZ, 3500 RPM, TEFC, and are available in either single phase, 115/230 volt or three phase, 208/230/460 volt. (3 Phase motors are TEFC premium efficiency).

**Cast Iron Pumps** feature cast iron inlet and discharge fittings and 304SS stainless pump shell. Mechanical seal and BUNA elastomers are standard.

**Stainless Steel** pumps feature 304SS stainless steel inlet and discharge fittings and pump shell. Mechanical seal and Viton® elastomers are standard.

Part No.	Castings	Motor	Ports	*Flow Rate	Wt.
GL 7GBC1014R0	Cast Iron	1hp, 1ph	1" FPT	5 GPM @ 180 PSI	65 lbs.
GL 7GBC1014R4	Stainless	1hp, 1ph	1" FPT	5 GPM @ 180 PSI	65 lbs.
GL 10GBC1514Q0	Cast Iron	1.5hp, 1ph	1" FPT	8 GPM @ 180 PSI	56 lbs.
GL 10GBC1514Q4	Stainless	1.5hp, 1ph	1" FPT	8 GPM @ 180 PSI	56 lbs.
GL 10GBC2014S0	Cast Iron	2hp, 1ph	1" FPT	12 GPM @ 180 PSI	73 lbs.
GL 10GBC2014S4	Stainless	2hp, 1ph	1" FPT	12 GPM @ 180 PSI	73 lbs.
GL 10GBC2017S0	Cast Iron	2hp, 3ph	1" FPT	12 GPM @ 180 PSI	64 lbs.
GL 10GBC2017S4	Stainless	2hp, 3ph	1" FPT	12 GPM @ 180 PSI	64 lbs.
GL 18GBC2014N0	Cast Iron	2hp, 1ph	1" FPT	15 GPM @ 150 PSI	73 lbs.
GL 18GBC2014N4	Stainless	2hp, 1ph	1" FPT	15 GPM @ 150 PSI	73 lbs.
GL 18GBC2017N0	Cast Iron	2hp, 3ph	1" FPT	15 GPM @ 150 PSI	64 lbs.
GL 18GBC2017N4	Stainless	2hp, 3ph	1" FPT	15 GPM @ 150 PSI	64 lbs.
GL 18GBC3014Q0	Cast Iron	3hp, 1ph	1" FPT	22 GPM @ 130 PSI	77 lbs.
GL 18GBC3014Q4	Stainless	3hp, 1ph	1" FPT	22 GPM @ 130 PSI	77 lbs.
GL 18GBC3017Q0	Cast Iron	3hp, 3ph	1" FPT	22 GPM @ 130 PSI	65 lbs.
GL 18GBC3017Q4	Stainless	3hp, 3ph	1" FPT	22 GPM @ 130 PSI	73 lbs.
GL 45HB25013	† Cast Iron	5hp, 1ph	2" FPT	30 GPM @ 115 PSI	147 lbs.
GL 45HB25035	Cast Iron	5hp, 3ph	2" FPT	30 GPM @ 115 PSI	99 lbs.
GL 45HB27535	Cast Iron	7.5hp, 3ph	2" FPT	50 GPM @ 125 PSI	150 lbs.
GL 45HB21135	Cast Iron	10hp, 3ph	2" FPT	60 GPM @ 125 PSI	190 lbs.

\*Flow rates can be increased if discharge pressure is decreased. Pump curves available on request.

† 208/230 V.



## Booster Pumps

**Sta-Rite Pressure Booster Pumps** are an ideal choice for boosting water pressures for washing, RO rinse water and general purpose pumping. Patented, Multi-stage design. Carbon/Ceramic/Buna shaft seals. Stainless steel pump and motor shaft. Cast iron or Stainless steel inlet and outlet ports. Rated to 140° F. and 80 psi inlet pressure. (Not Self-priming).



Motors are ODP (TEFC available on request). All single phase motors to 2 HP are 115/230 volt. All pumps feature 3/4" FPT inlet and outlet except for HP20 series which are 1" FPT. 3-HP 1-Phase Motors are 208/230 volt. All 3-HP 3-Phase Motors are 208/230/460 volt.

Part No.	Ports	Motor	Flow Rate	Wt.
SA HP10D	3/4" Cast Iron	3/4 hp, 1 ph	10 GPM @ 100 PSI	46 lbs.
SA HP10E	3/4" Cast Iron	1 hp, 1 ph	10 GPM @ 125 PSI	50 lbs.
SA HP7E	3/4" Cast Iron	1 hp, 1 ph	6 GPM @ 180 PSI	51 lbs.
SA HP10FMS	3/4" Cast Iron	1.5 hp, 1 ph	8 GPM @ 180 PSI	58 lbs.
SA HP10G	3/4" Cast Iron	2 hp, 1 ph	10 GPM @ 180 PSI	63 lbs.
SA HP10G3	3/4" Cast Iron	2 hp, 3 ph	10 GPM @ 180 PSI	59 lbs.
SA HP20G	1" Cast Iron	2 hp, 1 ph	15 GPM @ 155 PSI	62 lbs.
SA HP20G3	1" Cast Iron	2 hp, 3 ph	15 GPM @ 155 PSI	58 lbs.
SA HP20H	1" Cast Iron	3 hp, 1 ph	20 GPM @ 195 PSI	59 lbs.
SA HP20H3	1" Cast Iron	3 hp, 3 ph	20 GPM @ 195 PSI	55 lbs.
SA HPS7E	3/4" Stainless	1 hp, 1 ph	6 GPM @ 180 PSI	51 lbs.
SA HPS10FMS	3/4" Stainless	1.5 hp, 1 ph	8 GPM @ 180 PSI	58 lbs.
SA HPS10GMS	3/4" Stainless	2 hp, 1 ph	10 GPM @ 180 PSI	63 lbs.
SA HPS10G3	3/4" Stainless	2 hp, 3 ph	10 GPM @ 180 PSI	59 lbs.
SA HPS20GMS	1" Stainless	2 hp, 1 ph	15 GPM @ 155 PSI	62 lbs.
SA HPS20G3	1" Stainless	2 hp, 3 ph	15 GPM @ 155 PSI	58 lbs.
SA HPS20H	1" Stainless	3 hp, 1 ph	20 GPM @ 155 PSI	59 lbs.
SA HPS20H3	1" Stainless	3 hp, 3 ph	20 GPM @ 155 PSI	55 lbs.
SA HP30H	1-1/4" Cast Iron	3 hp, 1 ph	30 GPM @ 125 PSI	59 lbs.
SA HP30H3	1-1/4" Cast Iron	3 hp, 3 ph	30 GPM @ 125 PSI	55 lbs.
SA HPS30H	1-1/4" Stainless	3 hp, 1 ph	30 GPM @ 125 PSI	59 lbs.
SA HPS30H3	1-1/4" Stainless	3 hp, 3 ph	30 GPM @ 125 PSI	55 lbs.



## Booster Pumps

**Flint & Walling Pressure Booster Pumps** are ideal for increasing water pressure from city mains or private water systems. Also a good choice for reverse osmosis systems, spray or misting units, water circulation and general purpose pumping. Available in cast iron, powder-coated cast iron and stainless steel construction. Motors are 1 Phase or 3 Phase, ODP/60Hz. (50Hz and TEFC motors also available). Cast iron pumps feature Buna shaft seals, stainless pumps have Viton® seals. Noryl impellers and diffusers are standard on all models.



Part No.	Material	Motor	FPT Ports	* Flow Rate	Wt. Lbs.
FW PB0512C051	Powder Cast	1/2 hp, 1 ph	3/4"	4 GPM @ 100 PSI	39
FW PB0512S051	Stainless	1/2 hp, 1 ph	3/4"	4 GPM @ 100 PSI	39
FW PB0516C071	Powder Cast	3/4 hp, 1 ph	3/4"	4.6 GPM @ 140 PSI	44
FW PB0516S071	Stainless	3/4 hp, 1 ph	3/4"	4.6 GPM @ 140 PSI	44
FW PB1014A101	Cast Iron	1 hp, 1 ph	3/4"	6 GPM @ 160 PSI	48
FW PB1014C101	Powder Cast	1 hp, 1 ph	3/4"	6 GPM @ 160 PSI	48
FW PB1014S101	Stainless	1 hp, 1 ph	3/4"	6 GPM @ 160 PSI	48
FW PB1016A151	Cast Iron	1-1/2 hp, 1 ph	3/4"	8 GPM @ 160 PSI	53
FW PB1016C151	Powder Cast	1-1/2 hp, 1 ph	3/4"	8 GPM @ 160 PSI	53
FW PB1016S151	Stainless	1-1/2 hp, 1 ph	3/4"	8 GPM @ 160 PSI	53
FW PB2711C201	Powder Cast	2 hp, 1 ph	1"	13 GPM @ 140 PSI	56
FW PB2711C203	Powder Cast	2 hp, 3 ph	1"	13 GPM @ 140 PSI	56
FW PB2711S201	Stainless	2 hp, 1 ph	1"	13 GPM @ 140 PSI	56
FW PB2711S203	Stainless	2 hp, 3 ph	1"	13 GPM @ 140 PSI	56
FW PB2714A301	Cast Iron	3 hp, 1 ph	1"	19 GPM @ 160 PSI	57
FW PB2714A303	Cast Iron	3 hp, 3 ph	1"	19 GPM @ 160 PSI	56
FW PB2714S301	Stainless	3 hp, 1 ph	1"	19 GPM @ 160 PSI	57
FW PB2714S303	Stainless	3 hp, 3 ph	1"	19 GPM @ 160 PSI	56
FW PB2717S303A	Stainless	3 hp, 3 ph	1"	17 GPM @ 200 PSI	60

\* Add pressure rates to incoming water pressure for total output pressure, I.E. if incoming pressure is 50 PSI, PB0516 Series will deliver 190 PSI output.

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