

# Non-Submersible Pumps

## Booster Pumps

### BT4 Series

# J-CLASS



CSA ENC 3  
COF CSA 3



## BT4 Series

### Cast Iron Features:

- Designed for boosting water pressure from a variety of sources including municipal and private water systems
- Stainless steel discharge
- Cast iron motor bracket features a rugged support foot for horizontal or vertical mounting and a handle for portability of the unit
- 1-1/4" suction and 1" discharge are the same across the entire line, simplifying installation and maintenance
- The booster pump is built by Franklin Electric's Patented (U.S. Patent 7,290,984) TRI-SEAL floating stage system, for maximum efficiency, longevity and performance
- Assembled with the highest quality materials of construction, such as Celcon® for impellers, Noryl® for the diffusers and 300 series stainless steel for the hub, eye seals, shaft and shell
- Easily serviced through a back pull-out design, which leaves all plumbing and the pump undisturbed in their original location
- Industry proven square flange motors from A.O. Smith
- Single-phase: 1/3 through 2 hp motors are dual voltage, set to run with either 115V or 230V incoming power, while 3 hp are 230V only. Motors are high service factor A.O. Smith.
- Shut-off pressures up to 270 PSI, flow rates from 5 to 25 gpm, and temperatures up to 120 °F/49 °C

### Applications:

- Boosting water pressure from either city mains or private water systems
- Pressure washing buildings and floors
- Poultry houses
- Spray cooling equipment
- Lawn and crop irrigation
- Evaporative cooling system/misters
- Water circulation
- General purpose pumping
- Reverse osmosis - stainless steel BT4
- Filtration - stainless steel BT4

### Stainless Steel Features:

Includes all of the cast iron features above plus:

- Stainless steel models industrial applications:
  - Viton® mechanical seal.
  - Three-phase also available: 1/2 through 3 hp motors are dual voltage set to run with either 208-230V or 460V incoming power.
- Pump ends available for replacement or applications requiring specialty motor.
- Stainless steel motor bracket with a rugged support foot for horizontal or vertical mounting and a handle for portability of the unit.

**Note:** 3 hp BT4 pumps are for indoor installations only. They are not rated for outdoor installations.

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### Single-Phase Stainless Steel Ordering Information (with Viton® mechanical seal): (See pgs. 2-3 for model number explanation)

GPM	HP	SUCTION X DISCHARGE	VOLTAGE	MODEL NO.	ORDER NO.	WT.
5	1/3	1-1/4" x 1"	115/230	5JBT03S4	95820505	33
	1/2	1-1/4" x 1"	115/230	5JBT05S4	95820510	37
	3/4	1-1/4" x 1"	115/230	5JBT07S4	95820515	41
	1	1-1/4" x 1"	115/230	5JBT1S4	95820520	46
7	1/2	1-1/4" x 1"	115/230	7JBT05S4	95820710	37
	3/4	1-1/4" x 1"	115/230	7JBT07S4	95820715	40
	1	1-1/4" x 1"	115/230	7JBT1S4	95820720	46
	1.5	1-1/4" x 1"	115/230	7JBT15S4	95820725	53
10	1/2	1-1/4" x 1"	115/230	10JBT05S4	95821010	37
	3/4	1-1/4" x 1"	115/230	10JBT07S4	95821015	39
	1	1-1/4" x 1"	115/230	10JBT1S4	95821020	45
	1.5	1-1/4" x 1"	115/230	10JBT15S4	95821025	52
	2	1-1/4" x 1"	115/230	10JBT2S4	95821030	56
15	3/4	1-1/4" x 1"	115/230	15JBT07S4	95821515	39
	1	1-1/4" x 1"	115/230	15JBT1S4	95821520	44
	1.5	1-1/4" x 1"	115/230	15JBT15S4	95821525	49
	2	1-1/4" x 1"	115/230	15JBT2S4	95821530	55
20	3/4	1-1/4" x 1"	115/230	20JBT07S4	95822015	39
	1	1-1/4" x 1"	115/230	20JBT1S4	95822020	44
	1.5	1-1/4" x 1"	115/230	20JBT15S4	95822025	51
	2	1-1/4" x 1"	115/230	20JBT2S4	95822030	55
	3	1-1/4" x 1"	230	20JBT3S4	95822035	67
25	1	1-1/4" x 1"	115/230	25JBT1S4	95822520	44
	1.5	1-1/4" x 1"	115/230	25JBT15S4	95822525	48
	2	1-1/4" x 1"	115/230	25JBT2S4	95822530	54
	3	1-1/4" x 1"	230	25JBT3S4	95822535	66

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### Single-Phase Cast Iron Ordering Information:

GPM	HP	SUCTION X DISCHARGE	VOLTAGE	MODEL NO.	ORDER NO.	WT.
5	1/3	1-1/4" x 1"	115/230	5JBT03C4	95870501	36
	1/2	1-1/4" x 1"	115/230	5JBT05C4	95870505	40
	3/4	1-1/4" x 1"	115/230	5JBT07C4	95870510	43
	1	1-1/4" x 1"	115/230	5JBT1C4	95870515	49
7	1/2	1-1/4" x 1"	115/230	7JBT05C4	95870705	40
	3/4	1-1/4" x 1"	115/230	7JBT07C4	95870710	43
	1	1-1/4" x 1"	115/230	7JBT1C4	95870715	48
	1.5	1-1/4" x 1"	115/230	7JBT15C4	95870720	56
10	1/2	1-1/4" x 1"	115/230	10JBT05C4	95871005	39
	3/4	1-1/4" x 1"	115/230	10JBT07C4	95871010	42
	1	1-1/4" x 1"	115/230	10JBT1C4	95871015	48
	1.5	1-1/4" x 1"	115/230	10JBT15C4	95871020	55
	2	1-1/4" x 1"	115/230	10JBT2C4	95871025	59
15	3/4	1-1/4" x 1"	115/230	15JBT07C4	95871510	41
	1	1-1/4" x 1"	115/230	15JBT1C4	95871515	47
	1.5	1-1/4" x 1"	115/230	15JBT15C4	95871520	52
	2	1-1/4" x 1"	115/230	15JBT2C4	95871525	58
20	3/4	1-1/4" x 1"	115/230	20JBT07C4	95872010	41
	1	1-1/4" x 1"	115/230	20JBT1C4	95872015	47
	1.5	1-1/4" x 1"	115/230	20JBT15C4	95872020	54
	2	1-1/4" x 1"	115/230	20JBT2C4	95872025	58
	3	1-1/4" x 1"	230	20JBT3C4	95872035	70
25	1	1-1/4" x 1"	115/230	25JBT1C4	95872515	46
	1.5	1-1/4" x 1"	115/230	25JBT15C4	95872520	51
	2	1-1/4" x 1"	115/230	25JBT2C4	95872525	57
	3	1-1/4" x 1"	230	25JBT3C4	95872535	69

Note: All weights in pounds.

5 GPM

