



FIBERGLASS AUTOMATIC WATER SOFTENER

45,000 - 750,000 Grains Softening Capacity

301-11 Water Softener

The Parker Automatic Water Softener gives you the best in quality equipment to soften water most efficiently at reduced Operating Cost. You can place complete confidence in Parker. For over 50 years, Parker has manufactured Softeners widely used in laundries, hospitals, institutions, schools, hotels, apartments, restaurants, dairies and industrial plants. Each model Softener has been properly engineered and designed to assure the best in quality and to furnish soft water by the most efficient and economical method known. Constant research, development and proven satisfaction makes the Parker name synonymous with quality.

ADVANTAGES

1. Reliable Control Valve

These softeners include a top mounted solid brass valve with a fully adjustable 5-cycle control for controlled upflow back wash, downflow brining, slow rinse, rapid rinse, timed brine refill and downflow service. The valve features time proven hydraulically balanced pistons to pilot service flow and regeneration. Models standardly include a built-in 12-day Time Clock. This valve brings great performance and versatility to commercial and industrial water softening applications.

2. Safe Low Voltage Controls

All models require a 115 Volt, 1Ph, 60 Hz electrical duplex outlet and include a 115/24 Volt plug-in transformer and 10 Ft. Extension Cord. The low voltage electrical supply at the softener near the water connections provides greater safety to operating personnel.

3. Softener Tank

The Heavy Duty NSF (National Sanitation Foundation) approved

fiberglass reinforced pressure vessel is totally non-corrosive and assures dependable, rust free service. Softener is suitable for pressures to 100 PSI and temperatures to 110° F.

4. Resin

The FDA approved high capacity Ion Exchange Resin has uniform and stable beads to assure long life, high salt efficiency and maximum hardness removal.

5. Distributor

A bottom stack or hub and lateral distributor system provides maximum service flow and minimal pressure loss.

6. Brine Tank

The high density polyethylene Brine Tank will not crack or rust out and comes complete with a high level shut-off and overflow connection. Dust-tight covers keep out unwanted impurities.

Be sure of getting only the best Water Softener at low initial cost. The Parker is a rugged, heavy duty Industrial softener, built to provide many years of trouble-free service. The purchase of a Parker Softener assures not only the ultimate in quality but the guarantee of an experienced manufacturer to assure the ultimate in economy of operation and maintenance.

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PARKER BOILER CO.

NEVER A COMPROMISE FOR QUALITY OR SAFETY

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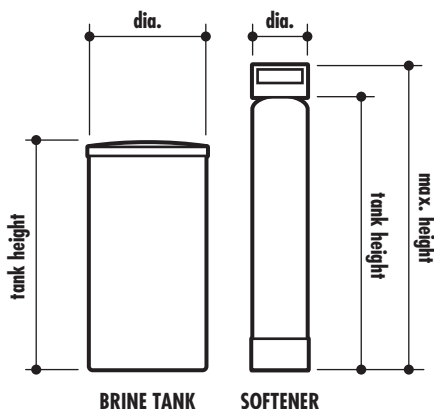
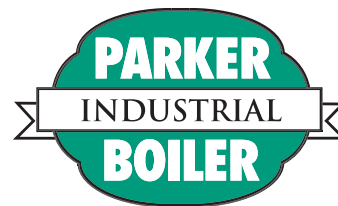
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MODEL NO	CAPACITY (GRAINS)	FLOW RATE (G.P.M) @15PSIΔP*	FLOW RATE (G.P.M) @25PSIΔP**	PIPE SIZE (INCHES)	TANK SIZE (DIA/HEIGHT) INCHES SOFTENER	TANK SIZE (DIA/HEIGHT) INCHES BRINE	MAX HEIGHT (INCHES)	SHIPPING WEIGHT (LBS)
FGA-45-1	45,000	16	22	1	10/54	18/40	62	140
FGA-90-1	90,000	19	26	1	14/65	24/41	73	240
FGA-120-2	120,000	47	64	2	16/65	24/41	80	450
FGA-180-2	180,000	63	81	2	22/54	24/50	73	575
FGA-240-2	240,000	74	97	2	24/60	30/50	80	825
FGA-300-2	300,000	68	91	2	24/71	30/50	91	975
FGA-450-2	450,000	84	105	2	30/72	39/48	95	1,400
FGA-600-2	600,000	85	100	2	36/72	39/60	95	1,850
FGA-750-2	750,000	90	105	2	36/72	42/60	95	2,100

* Recommended maximum continuous flow rate

** Maximum instantaneous flow rate

NOTE

1. Electrical: A 115 Volt, 60 Hz, 1 Ph duplex outlet that is always energized is required. All Models include a 10' Extension Cord and 115/24 Volt Transformer so that the Softener operates on 24 VAC.

2. Water Requirements:
 MINIMUM PRESSURE/TEMPERATURE: 25 PSI/34° F
 MAXIMUM PRESSURE/TEMPERATURE: 100 PSI/110° F
 The softener tank must not be subjected to freezing conditions. If piping has any sediment or iron, install separate filter ahead of softener.

3. The Models FGA-45 through FGA-120 are shipped loaded with Resin. The larger models are shipped with separate Resin and require loading at time of installation.

4. Always locate the softener close to a drain and provide for the installation of a bypass valve.

5. Softener capacities are based on 30,000 Grains per Cu. Ft. of Resin.

6. For dual models, add a "D" in front of the part number.

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