

BRASSMASTER

PLUS+

Water Softening & Filtration Systems

- ✓ **INSULATED TANK DESIGN ELIMINATES CONDENSATION**
- ✓ **METER DEMAND AND INTERNAL REGENERATION**
- ✓ **EXCLUSIVE 5 YEAR APM WARRANTY FOR QUICK AND INEXPENSIVE SERVICING**



pH BALANCING FILTERS

WHOLE HOUSE

Effective treatment of:

- Low pH - Acidity
- High pH - Alkalinity
- Water Hardness
- Iron

Water pH level is an important factor in the expected lifespan of your household plumbing system. High pH (over 8.5) can cause premature failure of mechanical systems due to excessive scaling. Low pH (below 6.5) can cause corrosion of piping and valves, as well as the leaching of heavy metals into drinking water. STS-300 and STS-400 filtration systems are designed to neutralize pH, thereby protecting your home's plumbing system and the quality of your water. STS-300 PLUS and STS-400 PLUS units combine this pH treatment with water softening technology for the effective removal of hardness minerals and low levels of iron.

An Employee-Owned Company



Where NATURE & SCIENCE meet.™

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RESIDENTIAL



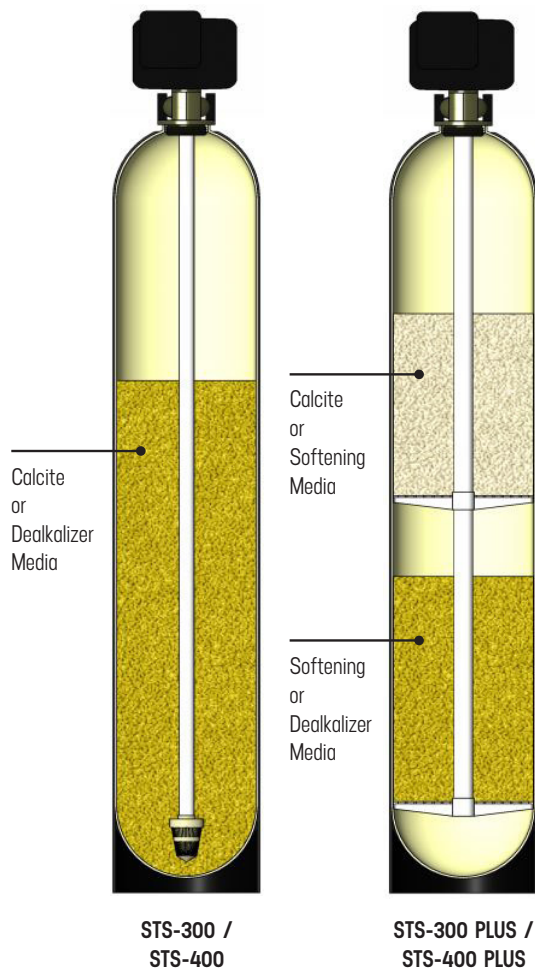
Nearly all serviceable parts lie within the removable/replaceable APM module. This eliminates costly and time consuming field repairs.



Specifications	Acid Neutralizer	Dealkalizer	Softener/Acid Neutralizer	Softener/Dealkalizer
	STS-300	STS-400	STS-300+	STS-400+
Softening capacity [grains]	N/A	N/A	20,500	27,000
Max iron capacity [PPM]	N/A	0.1	2	2
Max flow rate [GPM @ 10 PSID MAX]	6	9	8	8
Softening media [cu.ft.]	N/A	N/A	0.75	1
pH adjustment media [cu.ft.]	1.5	1.1	1.1	0.75
Mineral tank dimensions	10" x 44"	10" x 44"	10" x 54"	10" x 54"
Brine tank dimensions	N/A	18" x 33"	18" x 33"	18" x 33"
Brine tank salt capacity [lbs]	N/A	250	250	250
Backwash rate [GPM]	5.0	1.2	4.0	1.7
Regeneration time [min]	30	90	90	90
Regeneration frequency	4 days	metered/ 14 days	metered/ 4 days	metered/ 7 days
Pounds of salt per regeneration	N/A	7.5	7.5	13.75
Overall height	54"	54"	64"	64"
Inlet/outlet pipe size	3/4"	3/4"	3/4"	3/4"
Pipe centers	2"	2"	2"	2"
Drain tubing size [OD]	5/8"	5/8"	5/8"	5/8"
Approx. shipping weight [lbs]	170	100	160	120

pH BALANCING FILTERS

Water passes through a neutralizing media which balances pH levels. Regeneration is fully automatic. The acid neutralizer simply backwashes with water, while the dealkalizer regenerates with standard water softener salt. Combination units utilize salt for water softening and dealkalizing media regeneration.



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