



FUSION²

**MADE TO HANDLE YOUR TOUGHEST
WATER PROBLEMS, PROBLEM-FREE**



Fusion² Series Water Conditioning System

- User -friendly and reliable
- Modular design with non-corrosive internal components
- Piston operated
- One piece stack assembly
- Disassemble and reassemble in minutes

Cabinet Model
Available

The Fusion² Water Softener

The Fusion² is the most popular and sought-after softener in Waterite's diverse product line. It's available in a number of sizes, ranging from 30,000 grains to 150,000 grains, and features an easy-to-use valve with a simple five-button display that allows for customization to meet a wide range of water softening requirements.

Features and Benefits of a Fusion² Water Softener

- 1" Porting provides high flow rates with lower pressure drop
- Bypass & fitting kit included
- Level VI, 15V output DC power supply
- Minimal electricity use per year
- External meter assembly encapsulated in plastic, prevents wear down on magnet
- Downflow or upflow regeneration available
- Scrolling user screen shows capacity remaining, time of day, and flow rate
- Fully programmable cycle position and times
- Nine cycle control with quiet operation
- Multiple backwash and rinse capabilities
- Soft water brine tank refill
- Variable reserve automatically adjusts to water usage
- Diagnostics for current & historical data
- Permanent memory backup of all programming, battery backup keeps valve online for 24 hours
- 5 year warranty on control valve, 10 year warranty on mineral tank
- System design options include single, parallel, no raw water bypass, twin alternating

Specifications

Factory Settings	FCA30F2	F30F2	F40F2	F50F2	F60F2	F75F2	F90F2	F120F2	F150F2
Grain Capacity	24,000	24,000	30,000	37,500	45,000	56,000	67,000	90,000	112,000
Salt Setting per Cu. Ft.	8 LBS	8 LBS	8 LBS	8 LBS	8 LBS	8 LBS	8 LBS	8 LBS	8 LBS
Cu. Ft.	1	1	1.3	1.66	2	2.5	3	4	5
Tank Size	10x35	9x42	10x44	10x54	12x48	13x54	14x65	16x65	16x65
DLFC (gpm)	2.2	2.2	2.7	2.7	4.2	4.2	5.3	5.3	6.5
Continuous Service Flow (gpm)	9	9	10	11	12	13	14	16	18
Cycle 1 Backwash (minutes)	8	8	8	8	8	8	8	8	8
Cycle 2 Brine Draw DN (minutes)	60	60	60	60	60	60	60	60	60
Cycle 3 Rinse (minutes)	4	4	4	4	4	4	4	4	4
Cycle 4 Fill (minutes)	5:11	5:11	5:11	5:11	5:11	5:11	5:11	5:11	5:11
Total Gallons Used in Regeneration	50.76	50.76	61.5	61.5	86.4	102.3	118.7	141.45	155.85

*Calculations are based on factory salt setting @ 60 psi.



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