

Fusion²

Easy

Water Softener Sizing Guide

WATER HARDNESS FORMULA

$$\boxed{} + \boxed{} + \boxed{} = \boxed{}$$

Measures hardness (grains per gallon) Iron content* X5 (Mg per litre) Manganese Content* X10 (Mg per litre) Total equivalent hardness

TOTAL SOFTENER CAPACITY FORMULA

$$\boxed{} \times \boxed{} \times \boxed{} = \boxed{}$$

Total equivalent hardness (see above formula) # of people in household X 60 Days between regeneration X 1.25 (3 days recommended) Total softener capacity required (A)

Find the water softener required by matching the "Total softener capacity required" figure (A) to the "Hardness capacity required" figures in the chart below. (round up to match figures on chart below)

WATER SOFTENER SIZE CHART

Hardness capacity required	Fusion ² softener models F/	Mineral tank size	Resin bed size (CF)
20,000	20/F2TC/F2/F3CC	8 X 35	0.7
30,000	30/F2TC/F2/F3CC	9 X 40	1.0
40,000	40/F2TC/F2/F3CC	10 X 47	1.3
50,000	50/F2TC/F2/F3CC	10 X 54	1.7
60,000	60/F2TC/F2/F3CC	12 X 48	2.0
75,000	75/F2TC/F2/F3CC	13 X 54	2.5
90,000	90/F2TC/F2/F3CC	14 X 47	4.0
120,000	120/F2TC/F2/F3CC	14 X 65	5.0

Sizing Tips:

*Where iron exceeds 3 mg/l or manganese exceeds .05 mg/l, an aeration iron remover or a greensand filter should be considered.

Use an automatic feeder for a resin bed cleaner (Rez-Up) where iron is present in the raw water.

YOUR Fusion² DEALER

Consider a reverse osmosis drinking water system for domestic water use in your home when using a water softener.

Waterite has a family to choose from!



Manufactured and Marketed by
 WATERITE TECHNOLOGIES INC.
 3-75 Meridian Drive
 Winnipeg, Manitoba
 Canada R2R 2V9
 204.786.1604
www.waterite.com

Waterite

markets a
full range of
automatic filters,
accessories and
optional
equipment.
See your dealer
for full details.

The **Fusion²** collection of electronic
water softeners, conditioners and filters.
State of the art performance with
down to earth value.

Made to handle the toughest water problems, problem-free.



Series F3CC Premium Performance

- Fully adjustable cycle times and sequences
- Premium *Intellogic Ultra*[®] control
- High-performance *Excelclear* resin
- Capacities from 20K to 150K grains
- Twin tank or brine cabinet models
- Upflow or downflow brining

Fusion²
softeners feature
Waterite
F2 control valves

Series F2TC Value and Simplicity



- Midnight Black tank jacket and brine tank
- F2CC series time clock valve
- Capacities from 20K to 150K grains
- Extra-rigid moulded brine tank
- *Excelclear* softening resin
- Push-button programming
- Downflow brining
- Twin tank or brine cabinet models

Series F2 Advanced



- Electronic *Intellogic*[®] control
- Clock or metered brining
- Upflow or downflow brining
- Extra rigid moulded brine tank
- *Excelclear* softening resin
- Capacities from 20K to 150K grains
- Twin tank or brine cabinet models



Fusion²
Water Conditioners

Waterite offer a wide range of water conditioners including the original Paterson chemical-free iron remover, manganese greensand filters for iron and manganese removal and sand and gravel filters for turbidity reduction. We also offer other media and resin filters for color and specialty conditioning needs. See your dealer for more information.

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