

SOFTENING CARTRIDGE SYSTEM



For Espresso, Humidifier or Ovens

For low volume water use

- For hard water applications with low water usage
- Softens water to 0 grains
- Includes disposable softening cartridge
- Compact and space-saving design

Applications

- Humidifiers
- Espresso machines
- Combi & steam ovens
- And other industrial/commercial applications

Models

MODEL NO	Capacity (Grains)	Size (H* x W x D)	Connections	Flow Rate	Replacement Cartridge
SOF11W	1,000 grains	13" x 5" x 5"	3/4" FNPT	0.75 GPM (2.83 LPM)	RC10G05N
SOF21W	1,000 grains	13" x 11" x 5"	3/4" FNPT	0.75 GPM (2.83 LPM)	RC10G05N, AC10G05N
SOF11B	2,250 grains	13" x 8" x 8"	1" FNPT	1 GPM (3.8 LPM)	RC1BG05N
SOF21B	2,250 grains	13" x 13" x 8"	1" FNPT	1 GPM (3.8 LPM)	RC1BG05N, AC1BG05N
SOF12B	4,500 grains	24" x 8" x 8"	1" FNPT	1 GPM (3.8 LPM)	RC2BG05N

* Height excludes bracket



SOF11W

SOF21W

SOF11B

SOF21B

SOF12B

Specifications

Max Water Pressure* : 90 psi/6.2 bar/620 kPa

Water Temperature : Max 100°F/38°C, Min.: 35°F/2°C

Not for use in multi-storeyed buildings over 4 storeys tall. Do not exceed Maximum Pressure. If water pressure surges, or will at any time exceed the 90 psi maximum, a pressure regulator must be installed before the filter along with a water hammer arrestor to prevent potentially damaging shocks caused by water hammer

How to calculate cartridge life

$$\text{Cartridge life} = \frac{\text{Capacity (Grains)}}{\text{Feed water hardness}^*} \text{ US gallon}$$

* Grains Per gallon (GPG). Note: 1 GPG = 17.1 PPM

For example, if the supply water hardness is 10 grains per gallon. The cartridge capacity for model SOF12B will be:

$$4,500/10 = 450 \text{ gallons of water (1,703 Litres).}$$

1 year limited warranty



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