

EG12B



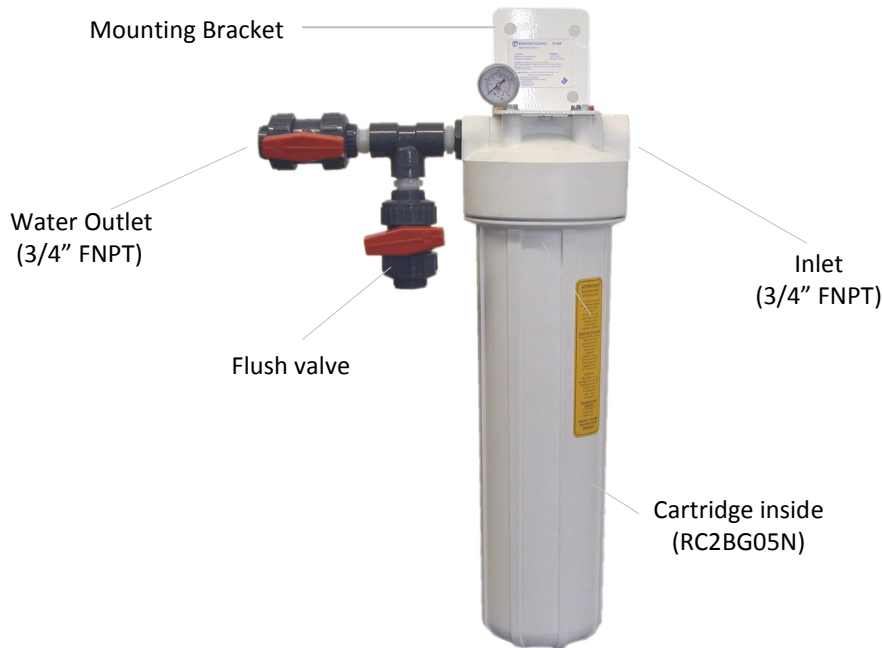
WATER FILTER SYSTEM FOR ESPRESSO

For high volume Espresso machines



Envirogard's **EG12B** Espresso Water Filter System protects espresso equipment from scale build-up and clogging of nozzles caused by hard water and sediment respectively. Designed to deliver consistent water quality, the **EG12B** system reduces service costs, energy costs and downtime substantially, leading to increased profits.

The **EG12B** system features a double-action cartridge that reduces water hardness by ion exchange softening, and Filters the water down to 5 micron nominal (1 micron = 1/1000 mm)



- BENEFITS**
- Reduces scale formation on espresso equipment.
 - Reduces sediment that can cause clogging.
 - Reduces energy costs
 - Reduces service costs
 - Reduces downtime

Fig : EG12B Espresso Water Filter System

System Dimensions

Model	Unit Width (Inch)	Unit Height (Inch)	Unit Depth (Inch)
EG12B*	15"	28"	8"

* - a) For cold water use only. This product is for commercial use only.

b) Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

EG12B

Operating Specifications

Inlet/Outlet Connections	:	3/4" FNPT
Max. Service Flow Rate	:	0.75 US GPM (2.83 LPM)
Max. Pressure	:	100 psi (689 KPa)**
Max. Temperature	:	100F (38C)



** - If pressure surges or water hammer conditions exist, a pressure regulator and/ or water hammer arrestor should be installed.

Cartridge Specifications

Replacement Cartridge	Function/Description	Micron Rating (Nominal)	Length (Inch)	Outer Diameter (Inch)	Cartridge Life
RC2BG05N	Reduction of hardness and sediment	5μ	20"	4.5"	4,500 grains [§]

[§] Cartridge life may vary with water quality.

How to calculate cartridge life

To estimate the replacement cartridge life, you will need to know the water hardness in grains per gallon your feed water. Assume feed water hardness = X.

Cartridge life = $4,500 \div (X)$ US gallon. (Multiply US gallon by 3.785 to get cartridge life in Litres)

Limited One (1) Year Warranty

Envirogard system housing is warranted, to the original purchaser/owner, for a period of **one (1) year**, from the date of purchase, against defects in materials or workmanship. O-rings, electronic monitor and installation fittings are also warranted for a period of one (1) year from the original date of purchase. Envirogard's obligation under this warranty shall consist of repair, replacement or credit, at its option, of any part found by company inspection to be defective, provided that the product has not been misused, abused, altered or damaged as determined by the company and provided that only approved Envirogard replacement cartridge has been used in the housing. This warranty does NOT apply to the replacement cartridge or battery which, by nature, will diminish in performance through normal use and require regular replacement.



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