

BG21U

COFFEE / HOT BEVERAGE WATER FILTER SYSTEM

Rainfresh®
BEVFRESH

For low to medium volume brewers

Rainfresh **BG21U** is a two-stage hot beverage filtration system specifically designed to remove higher than normal levels of sediment which can cause affect the quality. In addition, **BG21U** provides excellent quality water by reducing chlorine, bad tastes and odours, and protects the beverage equipment from the damaging effects of scale build up that can cause downtime, increased servicing costs or machine failure.

With pre-filter
for dirty water

PROTECTS AGAINST

- Chlorine, taste and odour
- Scale build-up
- Sediment

- Reduces chlorine, chemicals and associated taste and odours in the water that affect the aroma and taste of hot beverages
- Inhibits scale build-up on the beverage equipment
- Provides crystal clear water for beverages by reducing sediment, dirt, rust and other particulates in the water

A water pressure gauge is included to monitor pressure variations and spikes. It also indicates cartridge plugging (when differential pressure exceeds 15 psi).



FEATURES & BENEFITS

- High quality water for coffee, hot beverages and even drinking
- Additional pre-filter for sediment and dirt reduction
- Single system can supply filtered water to coffee machine as well as drinking
- Extends life and reliability of beverage equipment
- Reduces machine service frequency and improves efficiency
- Economical and easy to maintain



Electronic Cartridge Life Monitor

BG21U filter system features an electronic “Cartridge Life Monitor” that sets off an LED indicator at the end of 6 months, signaling time to replace the filter cartridge. This unique feature helps users and service technicians maintain the efficiency of the filter system and reduce downtime.

Easy Open Housing

Rainfresh BG21U features an easy-open housing that does not require a wrench. Simply hold the sump by hand, rotate 1/8 turn and the sump detaches. It also features a manual pressure relief valve. This makes filter cartridge changes quick and easy with no need for a wrench or tools!



System Dimensions

Model	Unit Width	Unit Height	Unit Depth	Monitor Type
BG21U*	14.25" (362 mm)	13" (330 mm)	5" (127 mm)	Time



* - 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.

Operating Specifications

Inlet/Outlet Connections	: 3/8"
Max. Service Flow Rate	: 1.5 US GPM (5.7 LPM)
Max. Temperature	: 100 F (38°C)
Max. Pressure	: 100 psi (689 kPa)**

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

Cartridge Specifications

Replacement Filter	Function	Micron Rating	Cartridge Life
MB10G05N	Pre-filter : Reduction of dirt, rust, sand, silt and other particulates	5μ	10,000 US gal or 6 months [^]
AC10G05K	Post-filter : Reduction of sediment, chlorine, taste and odour, inhibition of scale	5μ	2,000 US gal or 6 months [^]

[^]Cartridge life may vary with water quality and usage.

Limited 1 year warranty



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