



► FROM PENTAIR WATER SOLUTIONS

# CB20-312E FILTRATION SYSTEM

System Part Number: EV9100-37

Replacement Cartridge Kit: EV9105-34



## APPLICATIONS

- ◆ Coffee
- ◆ Ice machines
- ◆ Fountain beverages

## SYSTEM DESCRIPTION

The Pentair® Everpure® **CB20-312E** is a water filtration system that uses a unique three-cartridge system. It features exclusive precoat filtration technology that filters sediment down to 0.5 micron and provides chloramine, chlorine, taste & odor reduction at a flow rate of 5 gpm for 100,000 gallons. This can help ensure the consistent quality of beverages and ice applications.

## FEATURES • BENEFITS

- ◆ Head features pressure relief valve, outlet pressure gauge and mounting bracket
- ◆ Kit contains one (1) CC1E replacement cartridge and two (2) CC3E replacement cartridges
- ◆ CC1E extended service cartridge contains radial flow granular activated carbon (GAC)
- ◆ CC3E Cartridge: Exclusive precoat filtration provides chloramines, chlorine, taste & odor reduction and micro-filters dirt and particles as small as 0.5 micron in size by mechanical means
- ◆ Integral inlet and outlet pressure gauge monitors operation
- ◆ NSF/ANSI Standard 42 certified for the reduction of Chlorine, Taste & Odor, and Particulate Class I
- ◆ NSF/ANSI Standard 53 certified to reduce cysts such as *Cryptosporidium* and *Giardia* by mechanical means
- ◆ NSF/ANSI Standard 401 certified for Microplastics Reduction

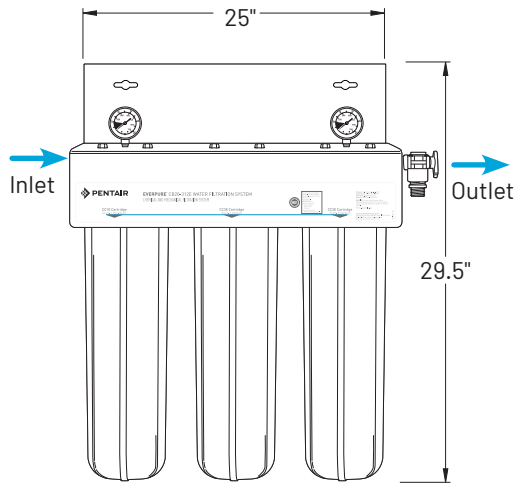
## INSTALLATION TIPS

- ◆ Choose a mounting location suitable to support the weight of the system while operating.
- ◆ Install vertically and allow 4" (10.16 cm) clearance below the cartridge for easy removal and replacement.
- ◆ Feed water temperature must not exceed 100°F (38°C).
- ◆ Do not install where the system could be exposed to freezing temperatures.
- ◆ Insert CC1E cartridge and flush for 10 minutes. Insert CC3E cartridges and flush the system for another 10 minutes. For any subsequent flushes done after full install of the cartridges, flush the entire system for 20 minutes.
- ◆ For more details, see the installation, operation, and maintenance guide included with the system.

EPA Est. 002623-IL-002

# CB20-312E

EV9100-37



## SPECIFICATIONS

System	Performance
<b>Overall Dimensions</b> 29.5" H x 25" W x 15.125" D (74.9 cm x 63.5 cm x 38.4 cm)	<b>Service Flow Rate</b> Maximum 5 gpm (19 Lpm)
<b>Connections</b> Inlet Connection: 1/2" FNPT Outlet Connection: 1/2" FNPT	<b>Rated Capacity</b> 100,000 gallons (378,541 L)
<b>Operating Pressure</b> 20 - 100 psi (1.4 - 6.9 bar)	<b>Chlorine, Taste &amp; Odor Reduction</b> Yes
<b>Water Temperature</b> 35 - 100°F (2 - 38°C)	<b>Chloramines Reduction</b> Yes
<b>Operating Weight</b> 90 lbs (40.8 kgs)	<b>Particulate Reduction</b> Yes
<b>Shipping Weight</b> 82 lbs (37.2 kgs)	<b>Cyst Reduction</b> Yes
<b>Electrical Connection</b> None required	

## REPLACEMENT CARTRIDGES

Model	Qty	Description	Part No
Kit	1	Cartridge Kit: (1) CC1E, (2) CC3E	EV9105-34

For Pentair Everpure Product Warranties visit:  
<http://pentair.com/assets/foodservice-warranty>

It is recommended that filter cartridges be replaced every six (6) months on a regular scheduled program, or when capacity is reached or if water pressure or flow to equipment becomes inadequate.

Always replace filter cartridges at least once per year.

The contaminants or other substances reduced by this drinking water system are not necessarily in your water. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

System Tested and Certified by NSF International against NSF/ANSI Standards 42, 53 and 401 for the reduction of:

STANDARD NO. 42 –  
AESTHETIC EFFECTS

Chemical Reduction  
Taste & Odor  
Chlorine  
Chloramines

Mechanical Filtration  
Nominal Particulate Class I

STANDARD NO. 401 –  
EMERGING COMPOUNDS / INCIDENTAL CONTAMINANTS

Mechanical Filtration  
Microplastics

STANDARD NO. 53 –  
HEALTH EFFECTS

Mechanical Filtration  
Cyst



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