



# EVERPURE® CB20-312E WATER FILTER SYSTEM

HIGH FLOW, HIGH CAPACITY CARBON FILTER FOR CHLORINE AND CHLORAMINES REDUCTION

CB20-312E Water Filter System: EV9100-37  
CB20-312E Replacement Cartridge Kit: EV9105-34



## APPLICATIONS

High-Flow, High-Volume Foodservice  
Applications Requiring  
Chloramines Reduction

## FEATURES • BENEFITS

Improves the taste and consistency of beverages and ice by reducing chloramines, chlorine and other off-tastes and odors

High pressure housing includes head with pressure relief valve, mounting bracket and bowl

Kit contains one (1) CC1E replacement cartridge and two (2) CC3E replacement cartridges

CC1E extended service cartridge contains radial flow granular activated carbon (GAC)

Integral inlet and outlet pressure gauge monitors operation

CC3E Cartridge:  
Exclusive precoat filtration provides superior chlorine taste & odor reduction and micro-filters dirt and particles as small as 0.5 micron in size by mechanical means

NSF/ANSI Standard 53 certified to reduce cysts such as *Cryptosporidium* and *Giardia* by mechanical means

## INSTALLATION TIPS

Choose a mounting location which is suitable to support the full weight of the system when operating (90 lbs [40.8 kgs]).

1/2" FNPT inlet and outlet connection.

Install on cold water lines only.

Do not install where unit is exposed to direct sunlight.

Allow a minimum of 4" (10.16 cm) clearance under the filter to facilitate cartridge change.

Do not braze or solder fittings into head.

Never use a saddle valve for connection.

## OPERATION TIPS

Service flow rate must not exceed 5.0 gpm (19 Lpm).

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.

Change cartridges every six (6) months on a regular preventative maintenance program.

Change cartridge when capacity is reached (85,000 gallons [321,760 L]) or when flow becomes too slow.

Change cartridges when the difference between the two pressure gauges is greater than or equal to 20 psi (1.4 bar).

For coffee and ice applications, add scale reduction feeder P/N: EV9798-45 at outlet of system.

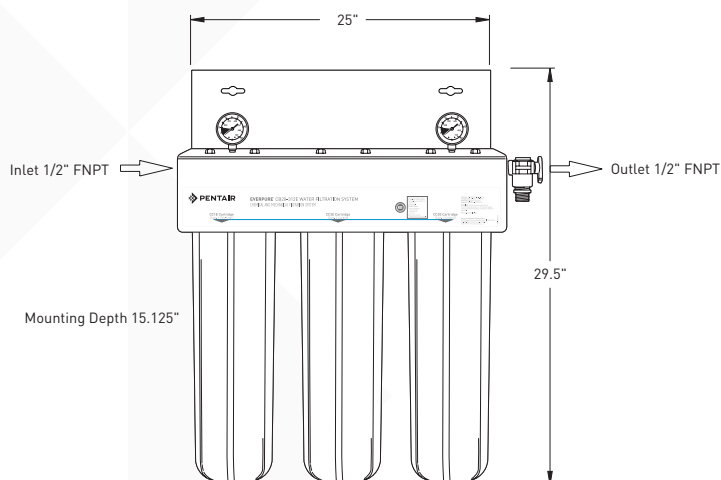
## SIZING

Service Flow Rate: Maximum 5.0 gpm (19 Lpm)

Rated Capacity: 85,000 gallons (321,760 L)

# EVERPURE® CB20-312E WATER FILTER SYSTEM

## EV9100-37



EPA Est. No. 002623-IL-002

The contaminants or other substances removed or 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.



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

STANDARD NO. 42 –  
AESTHETIC EFFECTS

Chemical Reduction  
Taste & Odor  
Chlorine  
Chloramines

Mechanical Filtration  
Nominal Particulate Class I

STANDARD NO. 53 –  
HEALTH EFFECTS

Mechanical Filtration  
Cyst

### SPECIFICATIONS

#### Service Flow Rate

Maximum 5 gpm (19 Lpm)

#### Rated Capacity

85,000 gallons (321,760 L)

#### Pressure Requirements

20 - 100 psi (1.4 - 6.9 bar), non-shock

#### Overall Dimensions

29.75" H x 25" W x 15.125" D  
(74.9 cm x 63.5 cm x 38.4 cm)

#### Inlet Connection

1/2" FNPT

#### Outlet Connection

1/2" FNPT

#### Temperature Limits

35 - 100°F (2 - 38°C)

#### Electrical Connection

None required

#### Shipping Weight

82 lbs (37.2 kg)

### WARRANTY

Everpure water treatment systems by Pentair® (excluding replaceable elements) are covered by a limited warranty against defects in material and workmanship for a period of five years after date of purchase. Everpure replaceable elements (filter cartridges and water treatment cartridges) are covered by a limited warranty against defects in material and workmanship for a period of one year after date of purchase. See printed warranty for details. Pentair will provide a copy of the warranty upon request.



### WATER FILTRATION

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