



EVERPURE® ENDURANCE® SC HIGH FLOW TWIN 1.0 SYSTEM

ALL THE BENEFITS OF THE ENDURANCE PLATFORM PLUS ULTRAFILTER MEMBRANE-BASED PRETREATMENT



Endurance High Flow Twin: EV9437-40

APPLICATIONS

Multiple equipment and combination applications

High volume installations

Locations with high submicron particulate content in water source

FEATURES • BENEFITS

High capacity allows system to keep up with high water demands and allows for 12-month estimated cartridge change-outs

High quality, ultrafiltration hollow fiber membranes are backward- and forward-flushed to remove built-up particle contaminants, providing long life to both the UF pretreatment membrane and the SEN Fine Filters

Backflushing occurs from the outside of the hollow membranes to the inside, which provides better dirt removal and reduced membrane breakage

Proprietary Fibredyne™ II media provides superior chlorine taste & odor reduction and micro-filters dirt and particles as small as 0.2* micron by mechanical means

Utilizes Everpure 2SR-BW Feeder System for scale reduction up to one (1) year

Filtration media effectively inhibits the growth of bacteria on the filter media that can decrease product life

Features extra heads for future expandability as water requirements increase

System provides two water outlets for separate water qualities, ideal for carbonated, ice and hot beverages

Backflush Tank included for backflushing as well as water storage to meet peak water demand

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

INSTALLATION TIPS

Choose a mounting location capable of safely supporting the full weight of the system when in operation.

Use 3/4" water line.

Fountain equipment connections are made to the outlet part of the system before the Everpure 2SR-BW Feeder System.

Coffee brewer and ice machine connections are made after the Everpure 2SR-BW Feeder System; a tee is required.

Install vertically with cartridges hanging down and allow 5" (12.7 cm) clearance below the cartridge for easy replacement.

Frame is designed to mount on 16" centers (wall studs).

OPERATION TIPS

Hollow fiber cartridge life is approximately three (3) years.

Replace quick-change cartridges on a regular 12-month preventative maintenance program.

Always flush the filter cartridges at time of installation and cartridge change.

Flush cartridges by running water through flushing valve for five (5) minutes at full flow.

Electrical outlet is required to operate the backflushing of the system.

SIZING

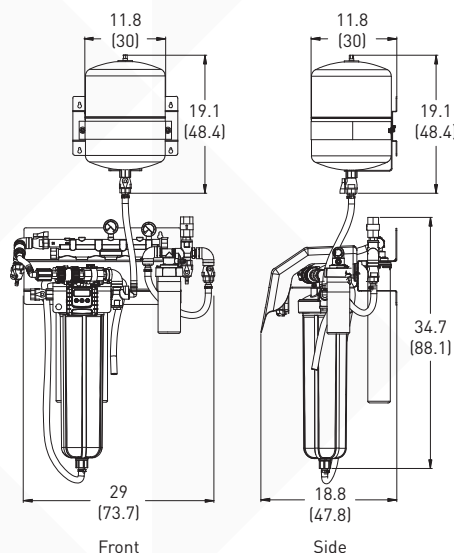
Rated Service Flow: 7.5 gpm (28.4 Lpm)

Capacity: Up to 100,000 gallons (378,541 L) or one (1) year.

*Validated by ISO 17025 accredited lab for 99.999% reduction of *Pseudomonas diminuta* following the ASTM F838-05 protocol for the validation of 0.2 µm sterilizing grade filters.

EVERPURE® ENDURANCE® SC HIGH FLOW TWIN 1.0 SYSTEM EV9437-40

Inches (cm)



SPECIFICATIONS

Overall System Dimensions

34.7" H x 29" W x 18.8" D
(88.1 cm x 73.7 cm x 47.8 cm)

Tank Dimensions

19.1" H x 11.8" W x 11.8" D
(48.4 cm x 30 cm x 30 cm)

Connections

Inlet: 3/4" (19 mm)
Outlet: 3/4" FPT (19 mm)
Backwash: 3/4" (19 mm) I.D. Tube
2SR-BW Cartridge: 1/2" (13.6 mm) Barb
Flush Ports: 3/8" (9.5 mm) Barb

Capacity

100,000 gallons (378,541 L)

Rated Service Flow

7.5 gpm (28.4 Lpm)

Pressure Requirements

50 - 100 psi (3.5 - 6.9 bar), non-shock

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

Since the conditions under which our products may be used are beyond our control, we cannot accept any liability with respect to the improper installation, application and/or use of our products.

Temperature

35 - 100°F (2 - 38°C)

Shipping Weight

64 lbs (29.1 kgs)

Operating Weight

106.4 lbs (48.3 kgs)

Electrical Connection

100 - 240 VAC / 50 - 60 Hz
1.5 Amp (international plugs included)

Replacement Parts

Endurance SC Twin 1.0 Cartridge Kit:
EV9628-80

Endurance SC UF Membrane
Pretreatment Filter: EV9628-91

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.



System Tested and Certified by NSF International against NSF/ANSI Standards 42 and 53 for the reduction of:
STANDARD NO. 42 —
AESTHETIC EFFECTS

Bacteriostatic Effects
Chemical Reduction
Taste and Odor
Chlorine
Mechanical Filtration
Nominal Particulate Class I

STANDARD NO. 53 —
HEALTH EFFECTS

Mechanical Filtration
Cyst

EPA Est. No. 002623-IL-002



WATER QUALITY SYSTEMS

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