



## WATER TREATMENT PRODUCTS

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## PERFORMANCE DATA SHEET

### i2000 • i2000<sup>2</sup> • i4000 • i4000<sup>2</sup> WATER FILTERS

**i2000 Cartridge** Part No. EV9612-21 (1-pack)  
Part No. EV9612-26 (6-pack)

**i4000 Cartridge** Part No. EV9612-31 (1-pack)  
Part No. EV9612-36 (6-pack)

**i2000<sup>2</sup> Cartridge** Part No. EV9612-22 (1-pack)  
Part No. EV9612-27 (6-pack)

**i4000<sup>2</sup> Cartridge** Part No. EV9612-32 (1-pack)  
Part No. EV9612-37 (6-pack)

#### FEATURES

- Finely polishes treated water to premium quality.
- Reduces chlorine taste and odor.
- Reduces dirt, rust, asbestos fibers (i2000 & i2000<sup>2</sup> Only), and other particulates including sulfides (oxidized iron and manganese – As tested by Everpure.)
- Reduces parasitic protozoan cysts such as *Giardia*, *Entamoeba*, and *Cryptosporidium*.
- Reduces common earthy, moldy, fishy tastes and odors
- Inhibits limescale build-up in ice machines – As tested by Everpure.
- i2000<sup>2</sup> and i4000<sup>2</sup> cartridges are treated with bacteriostat to effectively reduce the growth of bacteria on the filter media. Not Performance Tested or Certified by NSF.

#### HEALTH CLAIM PERFORMANCE CERTIFIED BY NSF/ANSI\*

This system has been tested according to NSF/ANSI 42 and 53 for the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42 and 53.

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
Standard 42—Aesthetic Effects					
Chlorine	2.0 mg/L $\pm$ 10%		$\geq$ 50%		87.8%
Particulate, Class I particles 0.5 to $<1\ \mu\text{m}$	at least 10,000 particles/mL		$\geq$ 85%		99.2%
Standard 53—Health Effects					
Turbidity (i2000 & i2000 <sup>2</sup> Only)	11 $\pm$ 1 NTU	0.5 NTU		95.3%	97.4%
Asbestos (i2000 & i2000 <sup>2</sup> Only)	10 <sup>7</sup> to 10 <sup>8</sup> fibers/L $>$ 10 micrometers in length		99%	99.87%	99.99%
Cyst	Minimum 50,000/L		99.95%	99.99%	99.99%

\* Tested using flow rate = 1.67 gpm; pressure = 60  $\pm$  3 psig; pH = 7.5  $\pm$  0.5; temp. = 20°  $\pm$  3°C

† NTU = Nephelometric Turbidity Units

#### GENERAL INSTALLATION/OPERATION/MAINTENANCE REQUIREMENTS

- Install vertically with cartridge hanging down
- Use minimum length of tubing possible
- Flush to drain for 5 minutes at full flow
- Replace cartridges when capacity is reached or when flow becomes too slow, but at least annually.

#### OPERATING SPECIFICATIONS

- Pressure requirement: 10-125 psi (0.7-8.6 bar), non-shock
- Temperature: 35-100° F (2-38° C)

NSF Listed Systems	Max. Flow Rate	Capacity	Space Requirements*
Insurice Single - i2000	1.67 gpm (6.3 lpm)	9,000 gal (34,050 L)	29" H x 5½" W x 5" D
Insurice Single - i2000 <sup>2</sup>	1.67 gpm (6.3 lpm)	9,000 gal (34,050 L)	29" H x 5½" W x 5" D
Insurice PF Single - i2000	1.67 gpm (6.3 lpm)	9,000 gal (34,050 L)	30¼" H x 20" W x 6" D
Insurice PF Single - i2000 <sup>2</sup>	1.67 gpm (6.3 lpm)	9,000 gal (34,050 L)	30¼" H x 20" W x 6" D
Insurice Twin - i2000	3.3 gpm (12.6 lpm)	18,000 gal (68,100 L)	25" H x 11" W x 5" D
Insurice Twin - i2000 <sup>2</sup>	3.3 gpm (12.6 lpm)	18,000 gal (68,100 L)	25" H x 11" W x 5" D
Insurice PF Twin - i2000	3.3 gpm (12.6 lpm)	18,000 gal (68,100 L)	30¼" H x 23" W x 6" D
Insurice PF Twin - i2000 <sup>2</sup>	3.3 gpm (12.6 lpm)	18,000 gal (68,100 L)	30¼" H x 23" W x 6" D
Insurice Triple - i2000	5.0 gpm (18.9 lpm)	27,000 gal (102,150 L)	25" H x 15" W x 5" D
Insurice Triple - i2000 <sup>2</sup>	5.0 gpm (18.9 lpm)	27,000 gal (102,150 L)	25" H x 15" W x 5" D
Insurice PF Triple - i2000	5.0 gpm (18.9 lpm)	27,000 gal (102,150 L)	30¼" H x 23" W x 6" D
Insurice PF Triple - i2000 <sup>2</sup>	5.0 gpm (18.9 lpm)	27,000 gal (102,150 L)	30¼" H x 23" W x 6" D
Insurice Quad - i2000	6.6 gpm (25.3 lpm)	36,000 gal (136,200 L)	29" H x 24" W x 5" D
Insurice Quad - i2000 <sup>2</sup>	6.6 gpm (25.3 lpm)	36,000 gal (136,200 L)	29" H x 24" W x 5" D
Insurice Single - i4000	1.67 gpm (6.3 lpm)	12,000 gal (45,400 L)	29" H x 5½" W x 5" D
Insurice Single - i4000 <sup>2</sup>	1.67 gpm (6.3 lpm)	12,000 gal (45,400 L)	29" H x 5½" W x 5" D
Insurice PF Single - i4000	1.67 gpm (6.3 lpm)	12,000 gal (45,400 L)	30¼" H x 20" W x 6" D
Insurice PF Single - i4000 <sup>2</sup>	1.67 gpm (6.3 lpm)	12,000 gal (45,400 L)	30¼" H x 20" W x 6" D
Insurice Twin - i4000	3.3 gpm (12.6 lpm)	24,000 gal (90,800 L)	25" H x 11" W x 5" D
Insurice Twin - i4000 <sup>2</sup>	3.3 gpm (12.6 lpm)	24,000 gal (90,800 L)	25" H x 11" W x 5" D
Insurice PF Twin - i4000	3.3 gpm (12.6 lpm)	24,000 gal (90,800 L)	30¼" H x 20" W x 6" D
Insurice PF Twin - i4000 <sup>2</sup>	3.3 gpm (12.6 lpm)	24,000 gal (90,800 L)	30¼" H x 20" W x 6" D
Insurice Triple - i4000	5.0 gpm (18.9 lpm)	36,000 gal (136,200 L)	25" H x 15" W x 5" D
Insurice Triple - i4000 <sup>2</sup>	5.0 gpm (18.9 lpm)	36,000 gal (136,200 L)	25" H x 15" W x 5" D
Insurice PF Triple - i4000	5.0 gpm (18.9 lpm)	36,000 gal (136,200 L)	30¼" H x 20" W x 6" D
Insurice PF Triple - i4000 <sup>2</sup>	5.0 gpm (18.9 lpm)	36,000 gal (136,200 L)	30¼" H x 20" W x 6" D
Insurice Quad - i4000	6.6 gpm (25.3 lpm)	48,000 gal (181,600 L)	29" H x 24" W x 5" D
Insurice Quad - i4000 <sup>2</sup>	6.6 gpm (25.3 lpm)	48,000 gal (181,600 L)	29" H x 24" W x 5" D

\* Includes 2½" clearance under unit for cartridge change

#### SPECIAL NOTICES

- Installation instructions, parts and service availability, and standard warranty are included with the product when shipped.
- This drinking water system must be maintained according to manufacturer's instructions, including replacement of filter cartridges.
- 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 waters that may contain filterable cysts.
- The contaminants or other substances removed or reduced by this water treatment system are not necessarily in your water.
- Check for compliance with state and local laws and regulations.
- The Commonwealth of Massachusetts Plumbing Code 248 CMR shall be adhered to. Consult with your licensed plumber for installation of this system.
- Tested under standard laboratory conditions as specified above. Actual performance may vary depending on influent water conditions.
- To determine NSF Model Name, combine HEAD NAME + CARTRIDGE NAME. Refer to [www.nsf.org](http://www.nsf.org) to verify certification.



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

Standard No. 42 — Aesthetic Effects	Standard No. 53 — Health Effects
Chemical Reduction	Mechanical Filtration
Taste and Odor	Turbidity (i2000 & i2000 <sup>2</sup> Only)
Chlorine	Cyst
Mechanical Filtration	Asbestos (i2000 & i2000 <sup>2</sup> Only)
Nominal Particulate Class I	

Buyer

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Seller

Date

EV7013-11 Rev C AP08