



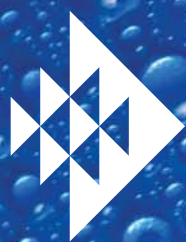
EVERPURE® SHURFLO®



WATER FILTRATION FOR FOOD SERVICE

WATER SOLUTIONS | [www.pentair.com](http://www.pentair.com), [www.foodservice.pentair.com](http://www.foodservice.pentair.com)





**PENTAIR**



# Solutions Pentair Offers



## WATER FILTRATION FOR ICE APPLICATION



ICE IS 100 % WATER. 70% OF  
SERVICE CALLS ARE WATER RELATED

- New and improved Micro-Pure II media with AgION™ antimicrobial protection inhibits any potential bacterial growth
- Reduces water related ice machine problems caused by scale build up.
- Reduces Chlorine, Taste, Odor & other contaminants
- Reduce Maintenance & Service cost
- Pre-coat submicron technology reduces dirt and particles as small as 1/2 micron in size and reduces health

Capacity	kg/day*
Insurice Single PF-i2000 <sup>2</sup>	<340kg/day
Insurice Twin PF-i2000 <sup>2</sup>	<658kg/day

\* As per standard water conditions & pressure





# WATER FILTRATION FOR COFFEE APPLICATION

## COFFEE IS 99% WATER

- Saves energy by reducing scale build-up. Self-contained scale inhibitor feed
- Dramatically prevents lime scale from forming in brewing equipment
- Everpure's unique filter blend using activated carbon reduces chlorine taste and odor and other offensive contaminants
- Reduce Maintenance & Service cost

Different head options for cartridges in coffee filtration  
- QC 7I Single    - QC 7I Twin    - QL2 Single head.



### Capacity

<b>QC 7I Single MH<sup>2</sup></b>	34069 lts
<b>QC 7I Twin MH<sup>2</sup></b>	68137 lts

## Different head options



QC7I Triple



QC7I Twin



QC7I Single



QL2 Head



# WATER FILTRATION FOR BEVERAGES AND FOUNTAINS



## BEVERAGES ARE 83% WATER

- Reduces chlorine taste and odor and other
- Offensive contaminants that can adversely affect the taste of beverages
- Improves the taste of fountain beverages and helps retain the drink's carbonation
- Protects drink system seals, pump, tubing and small orifices from clogging, corrosion and abrasive wear.

	Capacity	Flow
QC-7I Single MC <sup>2</sup>	34065 lts	6.3 lpm
QC-7I Twin MC <sup>2</sup>	68100 lts	12.6 lpm

# COMBINATION APPLICATIONS

- One system provides premium quality water to high flow fountain dispensers, coffee makers and ice machines
- 20" pre-filter captures large dirt particles
- SR-X with SS-IMF cartridge inhibits scale build up in ice machines and coffee brewers

Complete system accommodates multiple applications including coffee, fountain, ice and steam

Includes inlet water shut-off valve and flushing valve

Outlet for fountain and drinking water applications

Outlet for ice, coffee and steam applications

- Easy to use and maintain
- Provides balanced feed and longer life
- Minimizes maintenance costs
- Protects equipment from scale build up



- Quick Change: eliminates sanitization required with drop-in cartridges
- Chlorine, T&O 1/2 micron particulate reduction, bacteriostatic, asbestos cyst and turbidity reduction all in one cartridge

- Aluminum construction: high quality, durable & attractive
- NSF 42 & 53 certifications
- Features Micro-Pure II media with AgION and microbial protection



# WATER FILTRATION FOR STEAM TREATMENT

STEAM IS 100% WATER



- A complete system that effectively targets scale
- Provides protection against equipment corrosion
- A sophisticated blend of polyphosphate compound represents an advancement in scale inhibition
- Patented design dispenses a controlled amount of Hydroblend for long-term protection and provides greater effectiveness than standard phosphate treatments
- SS-10 cartridge is more effective in higher alkalinity/hardness/TDS/temperature installations
- Clear bowl and cartridge make it easy to determine when Hydroblend compound is exhausted

# SCALE REDUCTION SYSTEMS

MINIMIZE MAINTENANCE COSTS

## The Benefits of Everpure scale inhibition:

- Equipment lasts longer
- Less downtime and lower equipment costs
- Lower maintenance and energy costs
- Increased profits



FOR WAREWASHERS AND  
BOOSTER HEATERS. INHIBITS  
LIMESCALE BUILD-UP AND  
REDUCES CORROSION.

## Features:

- Metering flow through head
- High temperature
- Housing and transparent
- HT-10 cartridge containing Hydroblend™ compound
- Effective up to 200°F, 15 gpm



Kleenware HTS-II  
Scale Control System





# MIDI/MAXI WATER BOOST SYSTEMS

## WATER BOOSTERS

- Dynamic pressure greater than 50 psi (345 KPa)
- Where the water supply pressure or flow rate is inadequate, a water booster must be installed
- A water booster provides additional water storage under pressure to assist the carbonator make up pump in meeting the total demands of the system

Type	Description
Maxi	6 gallon stainless steel Shurflo Tank, 90 PSI shut-off, 230 VAC, inlet/outlet -1/2" stainless steel barb fittings, 8095-942-349 non-corded pump
Midi	2 gallon stainless steel Shurflo Tank w/ replaceable bladder, inlet/outlet - 3/8" stainless steel barb fittings, 90 PSI shut-off, 230 VAC, 8095-942-349 non-corded pump



## UV-900



### UV-900

- A 20 inch long combination cartridge filter (FDA compliant) that removes suspended particles upto 5 microns and eliminates chlorine, bad taste, colour and odor from the water.
- A 25 watt high performance UV lamp that purifies water by eliminating germs, bacteria & virus.
- A LED feature that indicates functioning of the UV lamp.
- Pentair UV-900 is manufactured using food grade components which ensures that the water you get is not contaminated.
- Tested successfully according to Indian standards for UV purifier at 900 Liters per hour (LPH)
- Electro-polished UV chamber design for higher UV dosage which improves overall efficiency of the system.

Technical Specifications	
Rated Voltage	220V AC, 50Hz
Power Rating	40 Watts
Fuse	1 Amp
Lamp Life	8,000 Hours
Inlet-outlet	3/4 Inches
Maximum flow rate	900 LPH
Maximum Operating Pressure	65 PSI
Maximum Operating Pressure	65 PSI
Maximum inlet water temperature	40°C

# AUTOMATIC WATER SOFTENER

- On screen display & soft keys for programming at site
- Clear-sight air check for easy brine line troubleshooting
- Top mounted pentair autotrol 255 model softener valve with NSF listed material
- Tank adapter permits disconnection from valve without disturbing the resin bed
- Auto refill of brine tank
- Resin volume - 28l included
- Corrosion resistant long life, light weight FRP Vessel-10x54

Valve	Specifications
Inlet/outlet	1.25 inch
Service 2	m3/hr.
Backwash	1.35 m3/hr.
Drain Line	½ inch
Brine Line	3/8 inch NPT
Distributor Tube	1.050 inches
Tank Thread	2-1/2-inches – 8, male

System	Specifications
Turbidity	< 2 NTU
Pressure	1.8-3.5 Bar
Temp. Range	2-40 Deg. C
Chlorine	Nil
Feed TDS	2000 ppm
Salt	Approx. 4.5 Kg per reg.
Resin Qty.	28 Ltrs.



## UV-2 STERILISER



### Technical Specifications

Model	Water Flow Rate	Lamp Power	Lamp Qty	Inlet / Outlet	Lamp Warning	Material of Chamber
UV-2 Steriliser	450 Ltrs/Hr.	14 W	1 PCS	Female NPT 1/2'	yes	SS 304

- Efficient disinfection by High UV dose
- Sanitization and safety comes from electronically polishing SUS304 chamber and quartz sleeve high transmittance
- No effect of taste and smell into water
- No harmful material into water
- Compact ballast and plug assembly
- 9000 hours simple and stable operation

### FEATURES, ADVANTAGES

- Brand is EVERPURE
- Maximum Flow Rate 450 Ltrs/Hr.
- Ideal for Low TDS Water
- Flexible Installation, Wall-mount/Under-counter
- Status Indicator Signals
- Consumables are Cartridge and UV lamp only
- 14 watt UV lamp
- Durable and aesthetic design
- Low Total Cost of Ownership



# COMMERCIAL RO SYSTEMS

## WHAT MAKES IT STAND APART IN ITS CLASS? MULTI LEVEL PURIFICATION

- Removes 98% of all contaminants from water
- Removes Bacteria & Cysts
- Modern, aesthetic & ergonomic
- Removes toxic, cancer causing chemicals
- Compatible with wide range of micron cartridges
- R.O. Membranes removes 96-99.8% dissolved minerals



Stages	25LPH	50LPH	100LPH
<b>Pre-Filter</b>	One 10" sediment pre-filter which removes impurities up to 20 micron	One 20" sediment pre-filter which removes impurities up to 20 micron	One 20" sediment pre-filter which removes impurities up to 20 micron
<b>Carbon Block</b>	One 10" carbon block which removes chemical impurities up to 5 micron	One 20" carbon block which removes chemical impurities up to 5 micron	One 20" carbon block which removes chemical impurities up to 5 micron
<b>Sediment Filter</b>	One 10" Sediment filter that removes suspended impurities up to 5 micron	One 20" Sediment filter that removes suspended impurities up to 5 micron	One 20" Sediment filter that removes suspended impurities up to 5 micron
<b>Membranes</b>	2 nos. of RO membranes of capacity 100 GPD to remove dissolved salts TDS	4 nos. of RO membranes of capacity 100 GPD to remove dissolved salts (TDS)	6 nos. of RO membranes of capacity 100 GPD to remove dissolved salts TDS
<b>Polishing Filter</b>	One polishing filter and polisher that improves the taste of water	Two polishing filter and polisher that improves the taste of water	3 nos. of polishing filter and polisher that improves the taste of water



## HIGH EFFICIENCY RO SYSTEMS MRS600 GPD HE-II

### Features:

- The tailored blending process removes just the right amount of dissolved solids.
- High recovery reverse osmosis technology .
- With the average recovery of 78%.
- Reduces lime-scale build-up that can cause excessive machine downtime and increased maintenance costs
- Reduces chlorine taste and odor and other contaminants that can adversely affect the taste of water and beverages

# PENTAIR EVERPURE®

WATER FILTRATION FOR ICE APPLICATION



WATER FILTRATION FOR COFFEE APPLICATION



WATER FILTRATION FOR BEVERAGES AND FOUNTAINS



WATER FILTRATION FOR STEAM TREATMENT



SCALE REDUCTION SYSTEMS



MIDI/MAXI WATER BOOST SYSTEMS



UV-900



AUTOMATIC WATER SOFTENER



UV-2 STERILISER



COMMERCIAL RO SYSTEMS



HIGH EFFICIENCY RO SYSTEMS







**We know you want sustainable products for your food service location, and we are here to help.**

Recent momentum has brought eco-friendly operations to the forefront of the food service industry. What most people don't know is that water quality can greatly impact your environmental footprint.



Did you know that hard water and the resulting scale can reduce your equipments energy efficiency by 50% or more

**Everpure Filtration**

Everpure filtration cartridges are constructed with high grade aluminum and plastics making them easily recyclable.

**Why Use Everpure?**

Did you know that each year over 22 billion water bottles are thrown away? By choosing water filtration you help reduce the billions of water bottles that are wasted each year and not recycled.

**Everpure Recycling**

Everpure quick-change aluminum filtration cartridges are now 100% recyclable. By partnering with Waste Management, Everpure cartridges are recycled to become new sustainable products. It's simple! Just mail or drop off your expired cartridges to an authorized center. Contact us for locations and information.

Learn more at [www.everpure.com/recycle](http://www.everpure.com/recycle)



**sip. save . recycle**

**Everpure Certified to the Highest Standards**

Many Everpure filters are tested and certified to the highest Standards by NSF International. More Everpure products carry NSF Certification than those of any other food service water treatment company. A widely accepted and recognized global third party certification provider, NSF provides assurance that Everpure products perform to their contaminant reduction claims for aesthetic and health effects, and that they meet or exceed integrity standards. Refer to each product's Performance Data Sheet for actual certifications or visit [www.nsf.org](http://www.nsf.org).



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**MANUFACTURING FACILITY**

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Phone: +91 832 288 3300  
Fax: +91 832 288 3312



## FLECK® 5600SXT HIGH PERFORMANCE CONTROL VALVE

MULTIPLE OPTIONS FOR FILTER AND SOFTENER APPLICATIONS

**MADE IN THE  
USA**  
OF FOREIGN & DOMESTIC PARTS



### FEATURES/BENEFITS

Continuous service flow rate of 20 GPM with a backwash of 7 GPM

Backwash capability accommodates softener tanks up to 12" and filter up to 10" in diameter

Fully adjustable 3- or 5-cycle control for efficient and reliable water treatment system

Super capacitor for keeping time of day during power outage

Time-tested, hydraulically-balanced piston for service and regeneration

Diagnostics for historical valve performance

LCD display alternates between time of day, volume remaining or days until regeneration

Programming stored in memory and will not be lost due to power outages

### OPTIONS

Filter or softener control valves

Downflow co-current or upflow counter-current regeneration

Brine cam auxiliary switch

Plumbing connections in 3/4" to 1-1/4" NPT, BSP, and sweat

Fiber-reinforced polymer or stainless steel bypass valve

Programmable regeneration types for increased flexibility

Downflow double backwash cam for reduced hardness leakage

Swivel attachment for 360° rotation of power head

**SXT**-Large LCD display and user-selectable time clock or metered function; usable for filtration and softener systems



TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 44 for Water Softener Performance.



TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 372 for Lead Free Compliance.



Restriction of Hazardous Substance Compliant

## VALVE SPECIFICATIONS

Valve Material	Fiber-reinforced polymer
Inlet/Outlet	3/4", 1", or 1-1/4" NPT/ BSP/Sweat
Cycles	5

## FLOW RATES (50 PSI INLET) – VALVE ALONE

Continuous 15 psi drop	20 GPM (4.5 m <sup>3</sup> /h)
Peak 25 psi drop	26 GPM (5.9 m <sup>3</sup> /h)
Cv flow at 1 psi drop	5.0
Max. Backwash 25 psi drop	7 GPM (1.6 m <sup>3</sup> /h)

## REGENERATION

Downflow/Upflow	Both
Adjustable Cycles	Yes
Time Available SXT:	0 - 199 min/cycle

## METER INFORMATION

Meter Accuracy 3/4" Paddle/Turbine:	0.25 - 15 GPM ± 5% (0.06 - 3 m <sup>3</sup> /h)
Meter Capacity Range SXT:	1 - 999,900 gal (0 - 3,785 m <sup>3</sup> )

## DIMENSIONS

Distributor Pilot	0.8125" or 1.05" O.D. (26.7 mm)
Drain Line	1/2" NPTF
Brine Valve 1600:	3/8"
Injector System	1600
Mounting Base	2.5" – 8 NPSM
Height from Top of Tank	7.5" (190 mm)
Riser Tube Diameter	3/4" (19 mm)
Riser Height	Flush with top of tank

## TYPICAL APPLICATIONS

Water Softener	6 - 12" diameter
Filters	8 - 10" diameter based on 10 GPM/ft <sup>2</sup>

## ADDITIONAL INFORMATION

Electrical Rating	24V 50/60 Hz
Max. VA	8.4
Estimated Shipping Weight Time Clock:	6 lbs
Metered Valve:	7 lbs
Pressure Hydrostatic:	300 psi (20 bar)
Working:	20 - 125 psi (1.4 - 8.5 bar)
Temperature Cold Water Valve:	34 - 110°F (1 - 43°C)



## FILTRATION & PROCESS

5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209  
P: 262.238.4400 | [WWW.PENTAIRAQUA.COM](http://WWW.PENTAIRAQUA.COM) | CUSTOMER CARE: 800.279.9404 | [tech-support@pentair.com](mailto:tech-support@pentair.com)

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# PENTAIR

## WORLD'S BEST WATER SOFTENER

Life can be uneasy, especially when your kids are sick regularly, your hair falls like snowflakes and looks dull, you have rash skin, your water tastes like muddy water and you have no answer to it. Well, you don't have to be a genius to answer that. The question is how long have you had your water tank cleaned? Once? Twice? Yes. Precisely. Sometimes it's just hard to stay away from these problems, but with Ionisys you might just be saved. The real culprit behind your problem is hard water. Hard water is formed due to dissolved minerals such as calcium and magnesium ions. And when it forms, the consequences are bad and, sometimes, worse.

**ISO 9001:2008**



Pressure Vessels tested as per Pressure Equipment Directive 97/23/EC and Valves as per 89/336/CEE



Tested & Certified by the Water Quality Association (WQA) NSF/ANSI Standard 61 Section 8 and Annex G



It damages hair follicles making it rough and tangy; leads to hair fall



Due to deposition of scales it reduces the influx of the water from the water heater



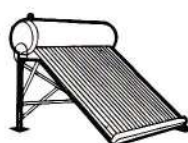
Harsh minerals in water fade the colour of the clothes



Utility bills can increase due to increased scale in the water heater



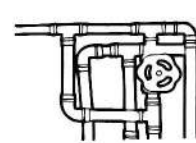
Causes skin irritation and leaves skin dry



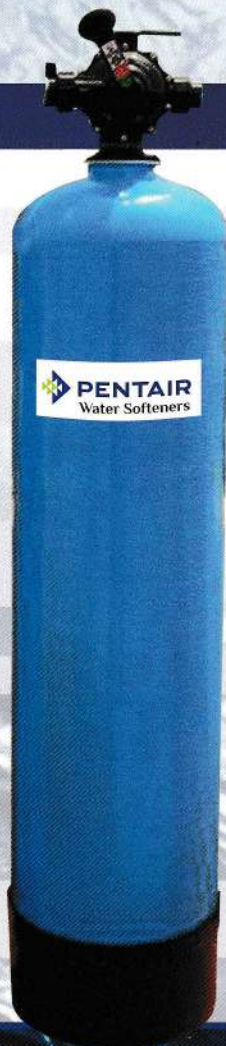
Due to the deposition of scales, it reduces the life expectancy of heaters



Clogs pipes and reduces water flow



Clogs the pipelines which leads to changing of entire pipeline



### MODEL

### P-3000 LPH

### P-6000 LPH

### P-9000 LPH

Vessel Diameter in inch	13	16	21
Vessel Height in Inch	54	65	62
Ion Exchange Resin Quantity	100	175	275
In Liter Pentair Brand			
NaCl Quantity in kg	16	28	44
Each Regeneration			
Output (X1000) Litrs on	30	50	80
200 ppm Hardness			165
Regeneration Period in Days	60	100	
on 500 Ltrs per day use			9
Maximum Flow Rate	3	6	
(X1000 Ltrs/Hour)	80	120	-
Brine Tank Capacity (Liters)	Designer	Designer	Designer
Multiport Valve	Valve with	Valve with	Valve with
	Vessel	Vessel	Vessel
	Colour	Colour	Colour
	Matching	Matching	Matching
Multiport Valve	25NB/Top	40NB	40NB
Size & Mounting		Side Mount	Side Mount
Maximum Operating Pressure	3.5 Bar	3.5 Bar	3.5 Bar





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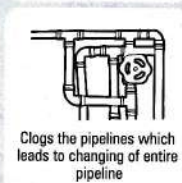
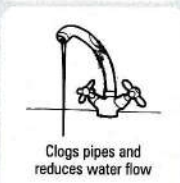
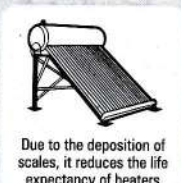
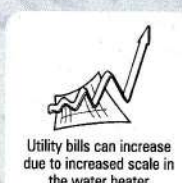
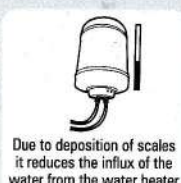
ISO 9001:2008



Pressure Vessels tested as per Pressure Equipment Directive 97/23/EC and Valves as per 89/336/CEE



Tested & Certified by the Water Quality Association (WQA) NSF/ANSI Standard 61 Section 8 and Annex G



Content	P-14000 LPH	P-20000 LPH	P-30000 LPH
Vessel Diameter in inch	24	30	36
Vessel Height in Inch	72	72	72
Ion Exchange Resin Quantity In Liter Pentair Brand	450	600	800
NaCl Quantity in kg Each Regeneration	72	96	128
Output (X1000) Litrs on 200 ppm Hardness	123	165	220
Multiport Valve	40NB	50NB	65NB
Maximum Flow Rate	14	20	30
Size & Mounting	Side Mount	Side Mount	Side Mount
Maximum Operating Pressure	3.5 Bar	3.5 Bar	3.5 Bar





# PENTAIR SAND FILTER

Sand filtration is a frequently used very robust method to remove suspended solids from water. The filtration medium consists of a multiple layer of sand with a variety in size and specific gravity. Applications for sand filtration: Preparation of cooling water. Treatment of waste water.

- Six-function, multi-port valve for easy control of all filter functions
- One-piece thermoplastic tank for strength and corrosion resistance
- Combination water and sand drain for easy service and winterizing

The multiport valve of the Sand Dollar filter puts all filter functions right at your fingertips. Just rotate the handle to the desired position, and the Sand Dollar filter does the rest for sure and simple operation.

The Sand Dollar's internal design ensures that water is exposed to maximum sand surface area for superior filtration performance and efficient backwashing. That results in the most efficient filtration possible.



MODEL	P-3000 LPH	P-6000 LPH	P-9000 LPH
Vessel Diameter in inch	13	16	21
Vessel Height in Inch	54	65	62
Silex Media in kg	25	50	75
Coarse Sand Media in kg	25	50	75
Fine Sand Media in kg	50	75	150
Total Filter Media in kg	100	175	300
Maximum Flow Rate (X1000 Ltrs/Hour)	3	6	9
Activation Medium	Only Backwash	Only Backwash	-
Multiport Valve	Designer Valve with Vessel Colour Matching	Designer Valve with Vessel Colour Matching	Designer Valve with Vessel Colour Matching
Multiport Valve Size & Mounting	25NB/Top	40NB/Side Mount Side Mount	40NB/Side Mount Side Mount
Maximum Operating Pressure	3.5 Bar	3.5 Bar	3.5 Bar



CALL US FOR

**Free Water Test**  
**99457 55410**

KNOW MORE ON

**Free Demo**  
**9739999474**

Feel free to contact :



**Global Water Solution**

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Marathahalli Outer Ring Road

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Tel: 080 3202 7810 [www.gwsro.com](http://www.gwsro.com)





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Vessel Height in Inch	72	72	72
Ion Exchange Resin Quantity In Liter Pentair Brand	450	600	800
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Multiport Valve	40NB	50NB	65NB
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Size & Mounting	Side Mount	Side Mount	Side Mount
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KNOW MORE ON

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Feel free to contact :



**Global Water Solution**

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