



## Puretec IRS Series

### Iron Removal Water Treatment Systems

The Puretec IRS Series systems are designed to prevent the staining and rust build up in your water system. The system reduces the level of iron and manganese, through increasing the rate of oxidation of dissolved iron and then physically filtering the iron using the deep filter bed. Iron levels up to 28ppm are treatable.

After hardness, iron is the most common water contaminant causing staining, thick sediment, slime and smell. It blocks up pumps, taps, filters and ruins the look of anything it comes in contact with. Iron at high levels will cost you money.

#### Product Features

- Prevent the staining and rust build up in your water system
- Complete system, no extra parts required
- Automatic backwash – maintenance free
- Stores system configuration and operation data in nonvolatile memory
- 1" connections means minimum pressure loss
- 10 selectable pre-programmed regeneration cycles
- Backwash water usage programmable

PLATINUM  
PERFORMANCE  
PRODUCT

LONGER LIFE  
FILTER  
TECHNOLOGY

1 YEAR  
PLATINUM  
PROTECTION

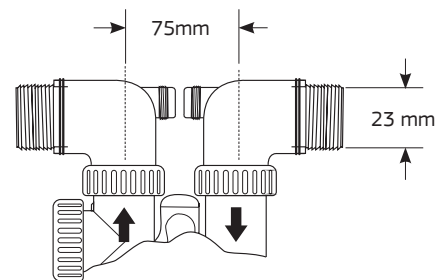
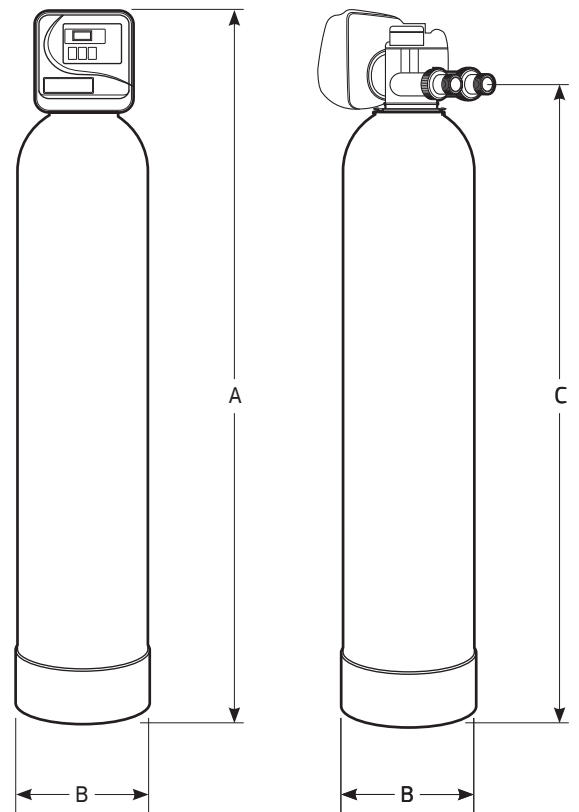
**IRON - The most common source of orange and brown staining**

After hardness, iron is the most common water contaminant causing staining, thick sediment, slime and smell. It blocks up pumps, taps, filters and ruins the look of anything it comes in contact with. Iron at high levels will cost you money.

## Technical Specifications

Model	IRS Series
pH range	6.8 - 9
Dissolved Oxygen Content	Minimum 15% of the Iron level
Operating Pressures	250 - 690 kPa
Operating Temperature Ranges	5 - 45°C
Supply Voltage	230V AC
Supply Frequency	50 Hz
Output Voltage	12V AC
Output Current	500 mA
Inlet/Outlet Fitting Connections	1" Male BSPT
Distributor Pilot	32mm O.D. Pipe
Drain Line Connection	3/4" Male NPT Standard
Mounting Base Options	2-1/2" - 8 NPSM

## Dimensions



## System Specifications and Performance Data

Ordering Code	Application	Backwash	Service Flow Lpm	Max Flow Lpm	Dimensions		
					A	B	C
<b>IRS2000</b>	Small to medium building / residence	Auto Backwash	20	70	1,400 mm	245 mm	1,280 mm
<b>IRS3000</b>	Medium building / residence	Auto Backwash	30	80	1,500 mm	270 mm	1,445 mm
<b>IRS4000</b>	Medium to large building / residence	Auto Backwash	40	90	1,600 mm	320 mm	1,395 mm

Puretec water care products are designed, manufactured and supported by Puretec Pty Ltd the name you can trust for viable and proven water solutions. All pictures and information are supplied as a guide only. The complete range of Puretec products are developed, refined, made to meet and exceed stringent specifications for the worldwide market. Please ring to confirm details.

Important Note: Sales of products are subject to our Terms and Conditions which are available upon request. Do not use products with microbiologically unsafe water without adequate disinfection. Under normal circumstances a pressure limiting valve is not required. If incoming water pressure is excessive it may however be necessary to install an approved pressure limiting valve to be fitted in line to prevent excessive running on as pressure is relaxed from the system after the tap is turned off. Maximum flow depends on cartridges, vessel, pressure, impurities etc.