



TECHNICAL DATASHEET



Introducing the new solution to limescale treatment that effectively prevents corrosion and limescale creation.

SPECIFICATION

- IAPMO certified efficiency of 76.3% and certified as a lead free plumbing product according to NSF/ANSI 372.
- NRL certificate for direct permanent contact with drinking water.
- New patented technology TGP – Turbulent-Galvano Polarisation.
- WRAS approved.
- Safe product - verified hydraulic properties.
- TUS test report about pressure drop, pressure resistance and strength.
- Health safety product – each part of IPS is made from material suitable for contact with drinking water.
- Suitable for cold (drinking) and hot water.
- Reduces creation of limescale on water supply elements (pipework, valves, taps, shower heads, water heating coils of home appliances).
- No chemicals, no external energy.
- Durable body (Stainless steel 1.4301) and internal parts.
- 25 year warranty.
- Minimal flow reduction.

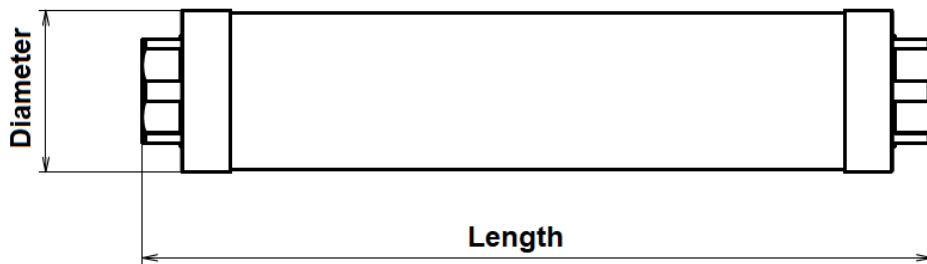


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MPN	Model	Connection Female	Diameter (mm)	Length	Weight	Max Pressure Bar	Max Working Temp *C
IPSHPRG12	HSP	G 1/2" F	0 50	245mm	910g	10	85
IPSHPRG34	HSP	G 3/4" F	0 51	245mm	920g	10	85
IPSHPRG1	HSP	G 1" F	0 52	251mm	930g	10	85

PRESSURE DROP

The HomeScale Protect inline unit has very little effect on water pressure and does not impact on household mains water pressure. Unlike water softeners that can take up to 1bar pressure from the mains and limit the use of an unvented cylinder.

$$\Delta p = (547,82 * Flow[l/s]^2) + 4,3295 * Flow[l/s]$$

