

## ION SB12-ET Water Conditioner – Cut Sheet

The self-cleaning anode system **ISB® ION ScaleBuster®** ensures protection against corrosion and calcium deposits in water and piping systems.

The device is **NSF, WRAS** and **TÜV** approved and any PTFE used are certified **KTW**.

All metals are **Lead Free** for drinking water in accordance with AB1953 (USA) and DIN 50930 (Europe). The device BSP connectors meet the specification DIN 1988 (TRWI).

The **ScaleBuster®** conditioner's dry contact anode requires no external power supply.

Designed for vertical installations or with a filter in horizontal installations, for installation in drinking water and industrial process water systems.

### General:

|                |                                     |
|----------------|-------------------------------------|
| Make           | Ion Enterprises Ltd. United Kingdom |
| Product Model  | SB12-ET                             |
| Connection     | 1/2" BSP Internal DN15 : ISO 7/1    |
| Total length   | 120 mm                              |
| Outer diameter | 25 mm                               |
| Weight         | 0.3 kg                              |

### Materials:

|                     |   |
|---------------------|---|
| Body                | <b>Lead Free</b> Brass according to DIN EN 12164, CW724R, CW510L or Bronze in accordance with BS EN 1982:2008 CC481K / BS1400 PB1<br>Surface Treatment: Nickel Plated   |
| Internal Components | Anode: Zinc Z2 to BS EN 1179:2003 & Zinc in accordance with ASTM B418 Type2 or Type 1/ MIL-A-18001K<br>Turbulence Body: Polytetrafluoroethylene in accordance with BS EN ISO 13000-1:2005<br>Retaining Clip SST316L |

### Design and Working Conditions:

|                            |                                      |
|----------------------------|--------------------------------------|
| Nominal Pressure           | 16 bar                               |
| Nominal Flow Rate          | 0.57 m <sup>3</sup> /h @ ΔP 0.05 bar |
| Design Flow Rate           | 1.3 m <sup>3</sup> /h (0.36 l/s)     |
| Max. Flow Rate             | 2.0 m <sup>3</sup> /h (0.56 l/s)     |
| Max. Operating Temperature | 60°C in drinking water applications  |

### Recognized and certified by



### Warranty:

Up to 10 years – manufacturer's warranty on material and anode life (see [www.scalebuster.com/warranty](http://www.scalebuster.com/warranty)).

Specifications are subject to change without notice

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