

## ION SB20-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	SB20-ET
Connection	3/4" BSP Internal DN20 : ISO 7/1
Total length	260 mm
Outer diameter	44 mm
Weight	2.2 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 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 Turbulence Body: Polytetrafluoroethylene in accordance with BS EN ISO 13000-1:2005 O-rings: Nitrile in accordance with BS 6920-1:2014

### Design and Working Conditions:

Nominal Pressure	16 bar
Nominal Flow Rate	1.98 m <sup>3</sup> /h @ ΔP 0.06 bar
Design Flow Rate	4.5 m <sup>3</sup> /h (1.25 l/s)
Max. Flow Rate	7.0 m <sup>3</sup> /h (1.95 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)).