

ION SB03-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	SB03-ET
Connection	1/2" BSP Internal DN15 : ISO 7/1
Total length	100 mm
Outer diameter	25 mm
Weight	0.25 kg

Materials:

Body	Lead Free 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 Retaining Clip SST316L

Design and Working Conditions:

Nominal Pressure	16 bar
Nominal Flow Rate	0.05 m ³ /h @ ΔP 0.01 bar
Design Flow Rate	0.11 m ³ /h (0.03 l/s)
Max. Flow Rate	0.18 m ³ /h (0.05 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).

Specifications are subject to change without notice

Dec.2023

