SANI-DISC

THE PERFECT SPRAYBALL REPLACEMENT

- Ultra Hygienic Design - FDA, USDA, 3A Compliant
- Fast Aggressive Wash - Reduced Down Time
- No Ball Bearings - Reduced Contamination
- Low Maintenance - Low Lifetime Cost
- FDA and ATEX - Regulatory Compliant

VERSATILE & UNIQUE

The Sani-Disc is designed for use in ultra hygienic applications where product purity and elimination of contamination problems are essential. The simple easily disassembled construction meets all the needs of regulatory bodies, and means the unit is also very cost effective. The unique disc design gives instant and complete uniform coverage of all internal surfaces providing a quick aggressive wash.

APPLICATIONS

The Sani-Disc is ideal for replacing fixed or rotating spray balls or other rotating units where a quick aggressive wash is required. The high energy, high impact droplets provide very effective impingement up to two and a half metres depending on the size of the unit chosen, which means that a single unit can clean vessels up to five metres in diameter. Simple in design, effective in performance, they meet all the essential FDA, USDA and 3A material and design requirements. This makes the units highly suitable for the pharmaceutical, biotech, food, beverage and other hygiene conscious industries.

OPERATION

Wash fluid drives a simple rotating disc. The disc spins providing an instant and total coverage of all the internal surfaces of the vessel. All the wash fluid exits the unit over the disc creating powerful high energy droplets. The wash is fast and aggressive, delivering optimum performance in a short timescale. The units are also ideal for burst rinsing.
MAINTENANCE & INSPECTION

The low wear design requires no maintenance. Technical assistance can be obtained through the global Breconcherry distributor network. As with all mechanical devices, it is recommended that the unit be regularly inspected for correct operation.

MINIMUM MANHOLE/FLANGE SIZE

The minimum manhole/flange opening size required for unit insertion for the Sani-Disc 100 unit is 70mm, and for the Sani-Disc 150 unit it is 85mm.

TECHNICAL DATA

Materials of Construction: Stainless Steel 316/316L, PTFE
Max. Operating Temperature: 95° Centigrade
Max. Ambient Temperature: 140° Centigrade
Standard Connections: Sani-Disc 100: Pin Fix to suit 1” OD Pipe
Sani-disc 150: Pin Fix to suit 1.5” OD Pipe
Nozzle Characteristics: 360° Spray Pattern

For optimal efficiency use a pre-filter or strainer to prevent particulate clogging.