



ENVIRONMENTAL TECHNOLOGY

SWO2™ - FF WATER MANAGEMENT SYSTEM

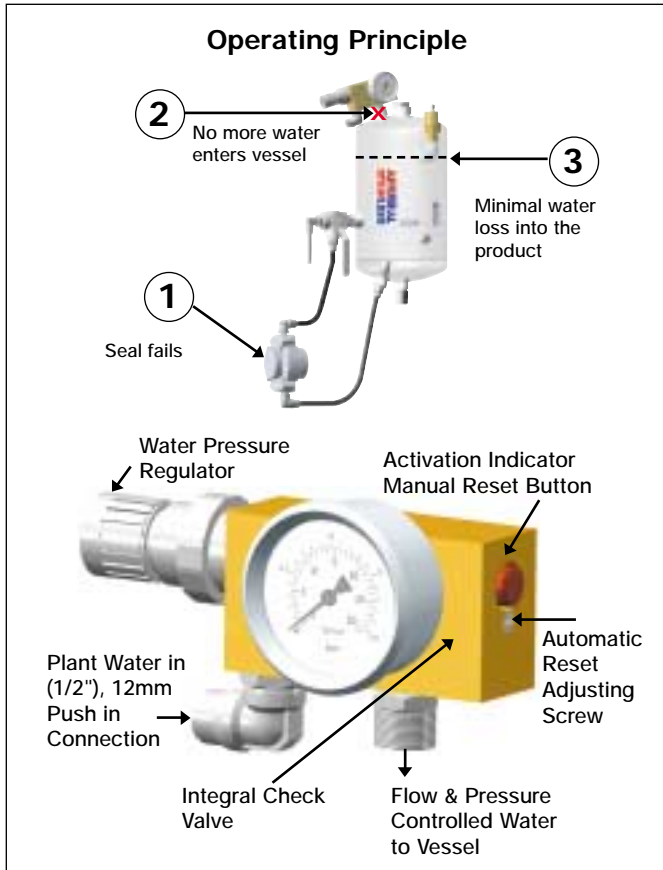


- CONTAINS INTEGRAL FLOW FUSE
- COST EFFECTIVE MODULAR DESIGN
- USED IN LOW TOLERANCE APPLICATIONS WHERE BARRIER FLUID INPUT CANNOT BE ALLOWED INTO THE PRODUCT
- MANUAL RESET FACILITY
- AUTOMATIC RESET CATERS FOR PROCESS UPSETS
- ADJUSTABLE FLOW TOLERANCE CAPABILITY
- PATENT PENDING DESIGN

AESSEAL® - The Flow Fuse – VSE / SWO2™ – FF

The Flow Fuse is arguably one of the greatest barrier fluid support system developments in the past ten years. This product now allows the use of a water management system in applications which cannot tolerate product contamination upon catastrophic seal failure. When water and pressure are lost due to the natural leakage across the seal faces, the system allows water level and pressure to be maintained with the aid of the integral pressure regulator. However, if the inboard seal fails, the Flow Fuse immediately shuts down and prevents further plant water entering the vessel. The device can be installed so that it is automatically reset in the event of activation caused by a periodic face upset or installed on manual reset should complete shut down be required. The Flow Fuse also contains an integral check valve to ensure that the plant water supply is not contaminated should the product leak into the system.

SPECIFICATIONS



- Reservoir**
- Stainless steel, finished in white powder coat. 10 litres (2.64 galls) nominal capacity.
 - 1/2" NPT (f) connection for seal feed and return hoses.
- Hose**
- 3m (10ft) by 12mm (1/2") flexible nylon hose.
- Fittings**
- Nickel plated brass push in type
- Mounting Details**
- 4 x 11mm holes (7/16" dia), 57.2mm x 150mm (2.25" x 5.91")
- Pedestal (optional)**
- Base plate 200 x 200mm (8" x 8")
 - 304L Stainless Steel (optional)

Options Available

- Stainless Steel wetted parts
- Cooling coil option
- In line water filter
- Finned tubing
- Thermal Fuse or Freeze Fuse (See separate Literature)
- Bead blast finish vessel
- Hard pipe kit
- Braided flexible hose kit
- Pressure switch

BARRIER & BUFFER FLUID SYSTEMS FOR USE WITH DOUBLE MECHANICAL SEALS

AESSEAL® supplies an extensive range of barrier and buffer fluid systems for use with double mechanical seals. Wherever possible AESSEAL® prefers to supply both the seal and the system. In addition the company will suggest suitable barrier or buffer fluids for most applications, based on extensive field experience.

AESSEAL® accepts no responsibility for any problems associated with system design, installation, operation, or the use of an unsuitable barrier or buffer fluid, where the fluid, seal or any part of the system have not been specified and/or supplied by AESSEAL®

THIS DOCUMENT IS DESIGNED TO PROVIDE DIMENSIONAL INFORMATION AND AN INDICATION OF AVAILABILITY. FOR FURTHER INFORMATION AND SAFE OPERATING LIMITS CONTACT OUR TECHNICAL SPECIALISTS AT THE LOCATIONS BELOW.



USE DOUBLE MECHANICAL SEALS WITH HAZARDOUS PRODUCTS. ALWAYS TAKE SAFETY PRECAUTIONS:

• GUARD YOUR EQUIPMENT

• WEAR PROTECTIVE CLOTHING **WARNING**



AESSEAL plc
Mill Close
Templeborough
Rotherham
S60 1BZ
United Kingdom



INVESTOR IN PEOPLE

Telephone: +44 (0) 1709 369966
Fax: +44 (0) 1709 720788
E-mail: seals@aes seal.com
Internet: http://www.aes seal.com

Distributed by:

USA Sales & Technical advice:

AESSEAL Inc.
10231 Cogdill Road
Suite 105
Knoxville, TN 37932
USA

Telephone: +1 865 531 0192
Fax: +1 865 531 0571

Sales & Technical advice:

AESSEAL (MCK) Ltd.
139A Hillsborough Old Road
Lisburn
N.Ireland
BT27 5QE

Telephone: +44 (0) 28 9266 9966
Fax: +44 (0) 28 9266 9977
Tel/Fax Hotline: +44 (0) 28 9266 9988
E-mail: MCK@aes seal.co.uk

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