



ENVIRONMENTAL TECHNOLOGY

AS15™ & AS20™ ASME VIII VESSEL SYSTEMS RANGE

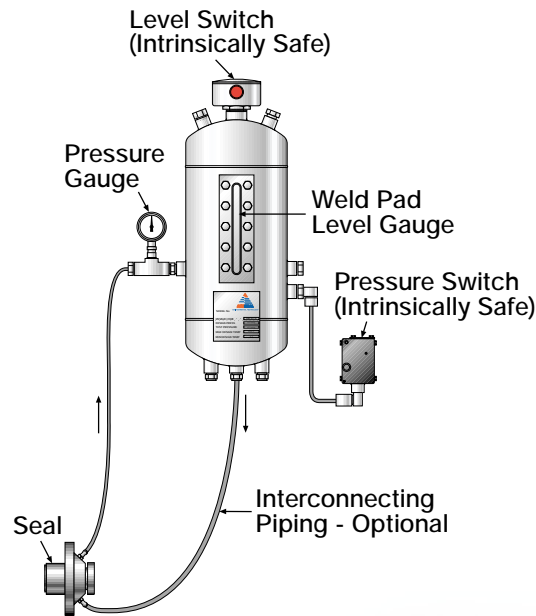


- MODULAR SYSTEM RANGE
- DESIGN CODE ALLOWS FOR WIDEST POSSIBLE SITE ACCEPTANCE
- INTRINSICALLY SAFE AND FLAMEPROOF MODELS AS STANDARD
- FACTORY ASSEMBLED TESTED AND CERTIFIED

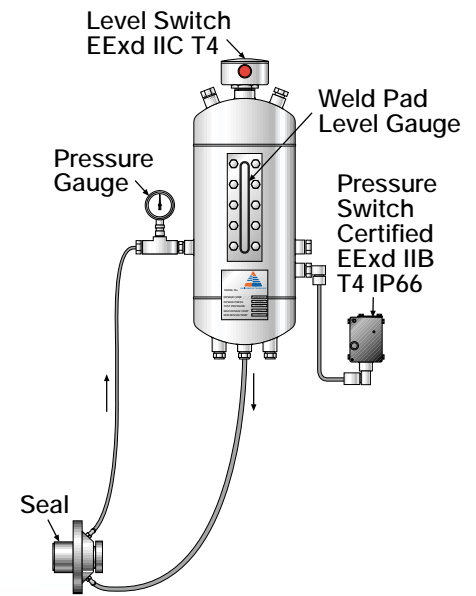
ASME & API - System Range



AS15™



AS15™ - 5IS



AS15™ - 8EX

The AESSEAL® AS15™ and AS20™ range of systems has been designed to meet the ever increasing demands of sites which require ASME VIII Div. 1. or API specification as a minimum.



SSM10™



AS15™

AS15™ & AS20™ - System Features

AS15™

- Large 15 litre (3.96 US Gal) Compact Capacity
- Design Code ASME VIII Div.1 (not U stamped)
- Design Rating 30 Barg @ 200°C (435 psig @ 392°F)
- Complete modular range supplied pre-assembled and pressure tested
- Available to suit Intrinsically Safe (IS) and Flameproof (Ex) Specifications

AS20™

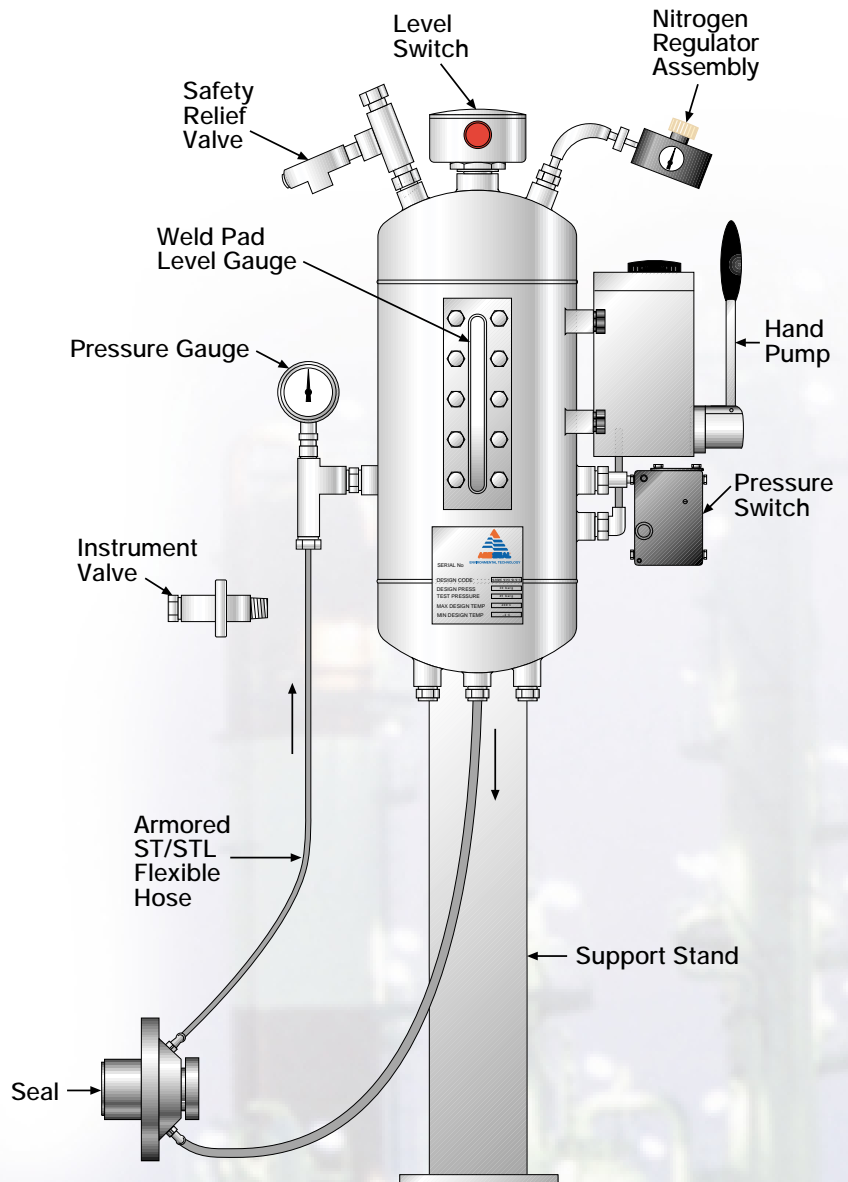
- Large 20 litre (5.28 US Gal) Compact Capacity
- Cooling Coil as standard
- Design Code ASME VIII Div.1. meets the requirements of API 610 7th edition section 3.5.2.3 (not U stamped)
- Design Rating 45 barg @ 38°C (652.5 psig @ 100°F)
- Easy mount brackets
- U stamp available on request

Option Layout

This fully flexible range of vessels can be further upgraded by the addition of a wide range of optional equipment to comply with the needs of sites within the Chemical, Pharmaceutical and Refining Industries.



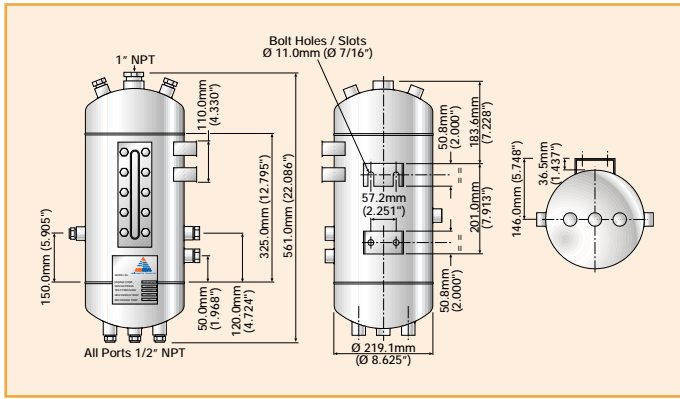
AS20™



AS15™ & AS20™ - System Benefits

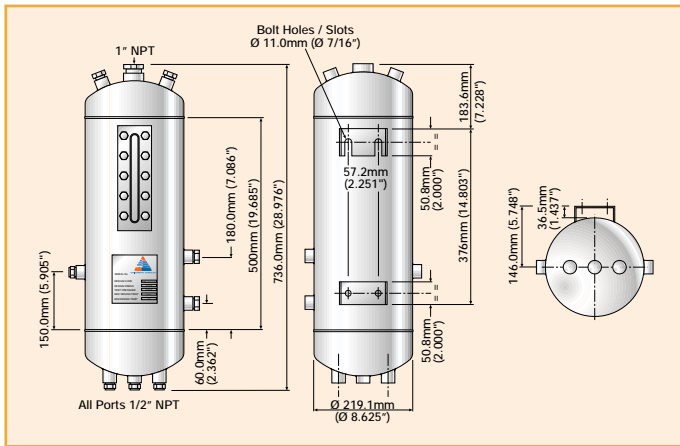
- The new tank-mounted "top-up" pump arrangement allows for full pressure testing of the system whilst maintaining the pipework integrity for shipping
- Design code allows for widest possible site acceptance
- Modular design & factory testing reduces product lead time whilst ensuring no on-site leaks
- The "ready to go" design ensures all required components are shipped as part of the system
- Large tank capacity guarantees greater heat dump
- Full cooling coil as standard allows for additional cooling at no extra cost
- Slotted mounting brackets ensure ease of on-site installation

AS15™ & AS20™ - Specification



AS15™ Pressure Vessel

Design 30Barg @ 200°C (435psig @ 392°F)
 Code ASME VIII Div.1. – not U stamped
 Construction 316 Stainless Steel
 Capacity 15 Litres (3.96 US Galls) nominal
 Level Gauge Weld pad – reflex type
 Cooling Coil 316 Stainless Steel
 Connections Screwed NPT
 Welding In accordance with ASME VIII div.1 rules
 All welders to have current WPQR's coded to ASME XI. All pressure welds to have current supporting PQR's
 NDE 100% Visual
 Hydro Test DP x 1.5 (30 minutes @ 45 barg (652.5 psig))
 Matl Certs BS EN 10204 3.1b
 Finish Shot blast



AS20™ Pressure Vessel

Design 45Barg @ 37°C (652.5psig @ 100°F)
 (meets requirements of API 610 7th Ed section 3.5.2.3)
 Code ASME VIII Div.1. – not U stamped
 Construction 316 Stainless Steel
 Capacity 20 Litres (5.28 US Galls) nominal
 Level Gauge Weld pad – reflex type
 Cooling Coil 316 Stainless Steel
 Connections Screwed NPT
 Welding In accordance with ASME VIII div.1 rules
 All welders to have current WPQR's coded to ASME XI. All pressure welds to have current supporting PQR's
 NDE 100% Visual
 Hydro Test DP x 1.5 (30 minutes @ 67.5 barg (978.75 psig))
 Matl Certs BS EN 10204 3.1b
 Finish Shot blast



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.

WINNER OF THE
 NATWEST
 SUNDAY TIMES
 COMPANY OF
 TOMORROW
 AWARD



INVESTOR IN PEOPLE

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

- GUARD YOUR EQUIPMENT
- WEAR PROTECTIVE CLOTHING



WARNING

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