Allgemeine Maschinen Fabrik (Northwest) CC
20 Meul Street, George Industria, 6529
P.O. Box 1819, George, 6530
T: 0027 44 873 4649/56
sales@amf.co.za

PRODUCT FACT SHEET / VAPOUR TRANSFER VALVE

SPECIFICATIONS

PRODUCT CODE	AMF-VTV-130-ADR-316
MATERIAL	STAINLESS STEEL 316
O-RING / SEALS	PTFE ENCAPSULATED
APPROVAL CODES	BS EN 13082:2008, +A1 :2012 ADR CERTIFIED
MAX. TEMP	+50 ° CELSIUS
MIN. TEMP	-20 ° CELSIUS

APPLICATION & MAINTENANCE

COMPATIBLE PRODUCTS

1. FUELS
* Petrol
* Diesel
* Paraffin

2. INDUSTRIAL SOLVENTS
* Alcohols
* Benzene
* Toluene

(Examples of compatible products, but not limited to. Contact AMF SALES for additional confirmations)

DESIGN AND APPLICATION

The AMF Vapour Transfer Valve (in conjunction with the vapour transfer coaming valve and adaptor) governs the transfer of vapour between the road tanker compartment, the gantry equipment and the storage tank during loading and off-loading operations.

Fitted to the compartment flange, the valve exhausts into the manifold that ends with a single vapour transfer adaptor which is coupled to the storage tank.

Opening and closing of the valve is automatic and linked to the pneumatic loading and off-loading controls of the road tanker for error free operation.

Most commonly used in the petro-chemical industry, this valve is gaining popularity as safety and environmental concerns become increasingly important.

MAINTENANCE

Care must be taken to avoid damaging the seal or the internal sealing area of the valve.

Due to dirt and foreign objects found in many of the local products, we recommend that the seal be replaced as often as possible.

Clean regularly with appropriate cleaning agent to prevent product build up or damage to moving parts.

PRODUCTION TESTING REQUIREMENTS

TEST #	TEST TYPE	TEST FLUID	TEST DURATION	TEST PRESSURE	TEST CRITERIA
1	Shell Tightness	Water	30 seconds	200kPa	No visible leaks
2	Internal Seat Tightness	Water	30 seconds	5.5kPa	No visible leaks
3	Operability	Air	30 seconds	27Kpa	Open/Closing

WARNING: Use only genuine AMF replacement parts. Substitute parts can impair the proper functioning of this product and void all warranties. Failure to properly maintain and regularly clean the complete valve, especially moving parts, may prevent the valve from operating correctly as per its design, and subject to liability disclaimer. It is the customers responsibility to check compatibility between valve material and transported product.