

FMAV53-D

Forbes Marshall Air Vent and Dial Thermometer Assembly

Description

The Forbes Marshall Air Vent, FMAV53-D, is an airvent trap with a dial thermometer assembly which can be installed on steam mainlines for effective removal of air from the steam system. It also comes with an optional assembly consisting of 'Air Bottle'.

Sizes and Pipe Connections

DN15 Screwed BSPT with or without Air Bottle.

Installation

Installation of FMAV53-D assembly is very simple. This unit is to be installed directly on the equipment from which trapped air needs to be vented out. Fit the air collector pipe 7 or pipe 1 at the highest point in the equipment where air is likely to be collected through DN 15 BSPT tapping. FMAV53-D should be erected vertically.

Limiting Conditions for Air Vent (FMAV53)

PMO/PMA Max. Operating / Allowable Pressure	32 bar g
TMO/TMA Max. Operating / Allowable Temperature	287°C

Cold Hydraulic Test Pressure : 48 bar g

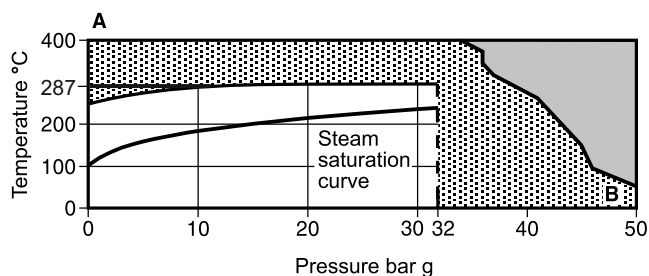
Available Spares



Please refer product user manual for spares.

Recommended Tightening Torques for FMAV53

Part Description	Torque (Nm)
M8 BOLT	25-35 Nm

Operating Range



-  The product **must not** be used in this region.
-  The product should not be used in this region or beyond its operating range as damage to the internals may occur.

A - B Screwed & Socket Weld Ends

Temperature Range for Dial Thermometer

- a) 0-200°C
- b) 0-250°C

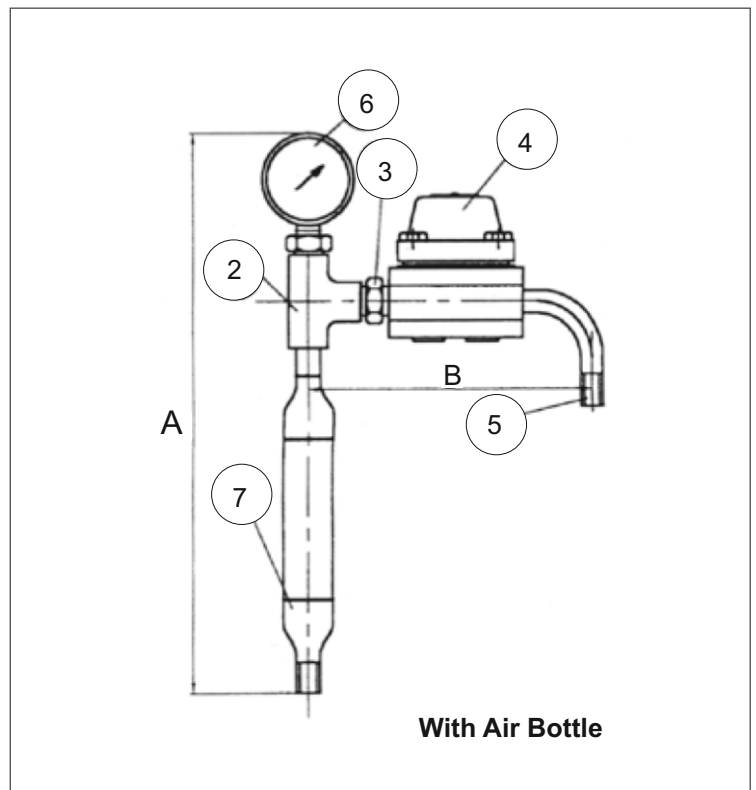
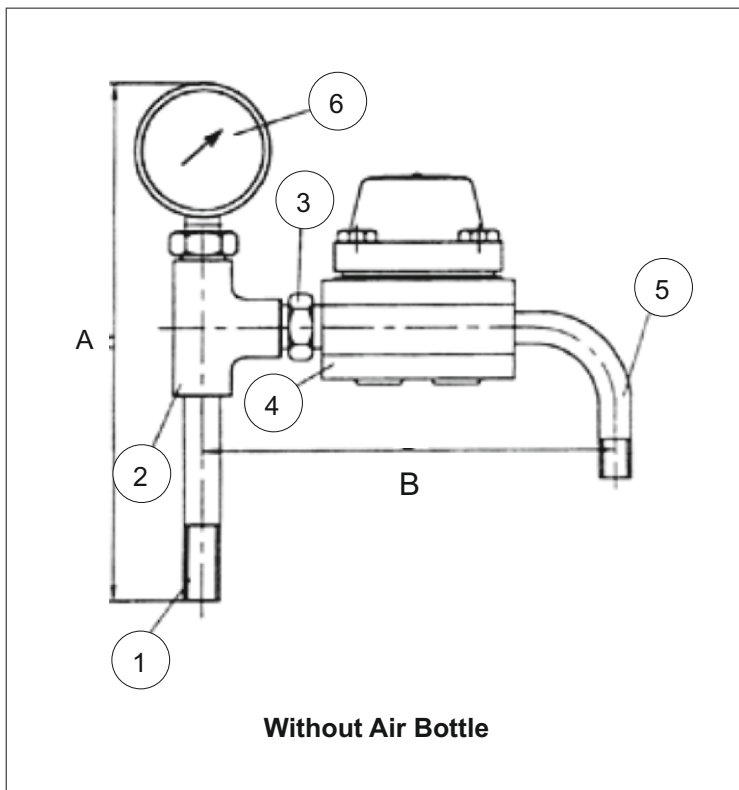
Note: Available in both NON-IBR and IBR

How to Order

Example: DN15 Forbes Marshall Air Vent, FMAV53-D with air bottle pipe, BSPT ends.
Temperature Range 0-180 °C.

Material

No	Part	Material	Standard
1	Pipe	Carbon Steel	ASTM A106 Gr. B
2	Equal Tee	Forged Carbon Steel	ASTM A234 Gr. WPB
3	Hex Nipples.	Carbon Steel	
4	Airvent Trap FMAV53	Forged Carbon Steel	ASTM A105
5	Long bend 90deg	Carbon Steel	ASTM A106 Gr. B
6	Bimetallic Dial Thermometer	Stainless Steel	
7	Air Bottle	Carbon Steel	ASTM A106 Gr. B



Dimensions (approx.) in mm.

Size	A	B
FMAV53-D with Air Bottle	800	225
FMAV53-D without Air Bottle	240	225



www.forbesmarshall.com

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Forbes Vyncke

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