

FMTD25

Forbes Marshall Thermodynamic Trap

Description

The Forbes Marshall Thermodynamic Trap, FMTD25 is a maintainable thermodynamic steam trap for use on instrument tracing or any small bore steam heating installations.

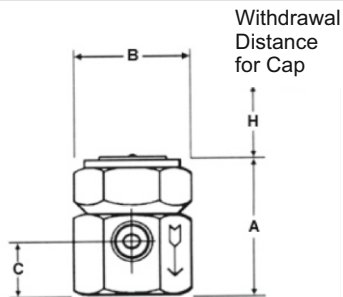
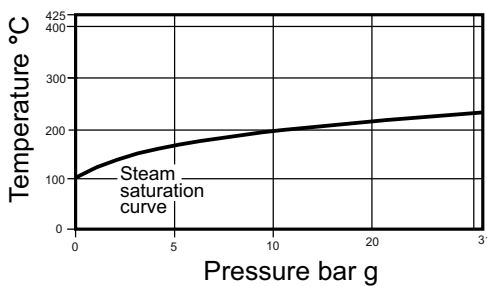
Size and End Connections

DN 06 Screwed
BSPT/NPT

Limiting Conditions

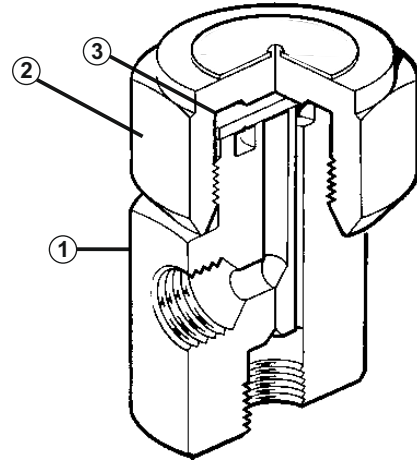
Maximum operating pressure	31 bar g
Maximum operating temperature	400°C
Hydraulic test pressure	62 bar g
Minimum pressure for satisfactory operation	0.25 bar g
Maximum back pressure should not exceed 80% of upstream pressure.	
Minimum operating temperature = 0°C	

Operating Range



Dimensions (approx.) in mm and kg

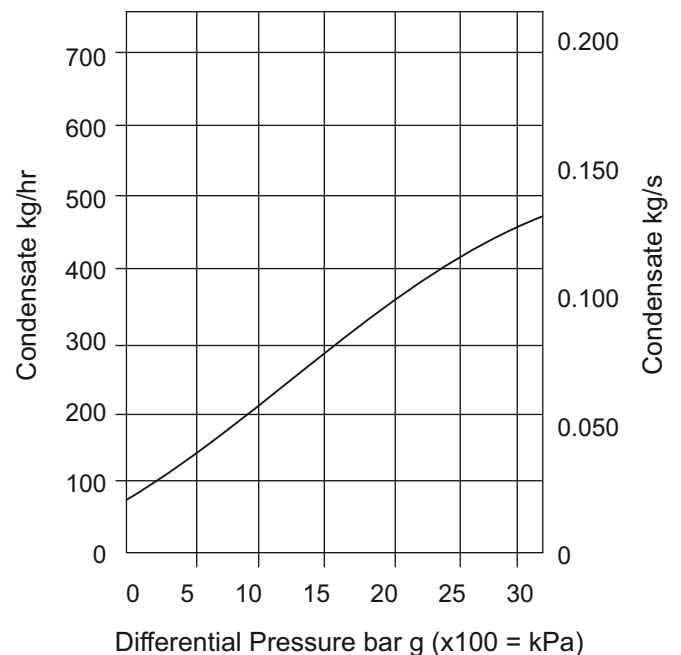
Size(DN)	A	B	C	H	Weight
DN 06	55	42	23	40	0.36kg



Material

No	Part	Material	Standard
1	Body	Stainless Steel	AISI 420
2	Cap	Stainless Steel	BS 3146 ANC2
3	Disc	Stainless Steel	AISI 420

Capacity Chart



How to Order

Example : 1 No. DN06 Forbes Marshall Thermodynamic Trap, FMTD25, screwed BSPT

Installation

Preferably fitted in a horizontal pipe but can be fitted in other positions.

How to Service

Unscrew the cap using spanner (36A/F). Do not use wrenches which may cause damage to the cap. If the disc and body seating faces are slightly worn they can be lapped individually on a surface plate. A figure of 8 motion and a little fine aluminum oxide compound gives the best results. If the wear is too great to be rectified by simple lapping, the seating face on the body must be ground flat and then lapped and the disc replaced by a new one. The total amount of metal removed in this way should not exceed 0.25 mm.

When reassembling, the disc is normally placed in position with the grooved side in contact with the body seating face. Screw on cap; no gasket is required but a high temperature anti-seize grease should be applied to the threads.

Available Spares


Disc (packet of 5) A

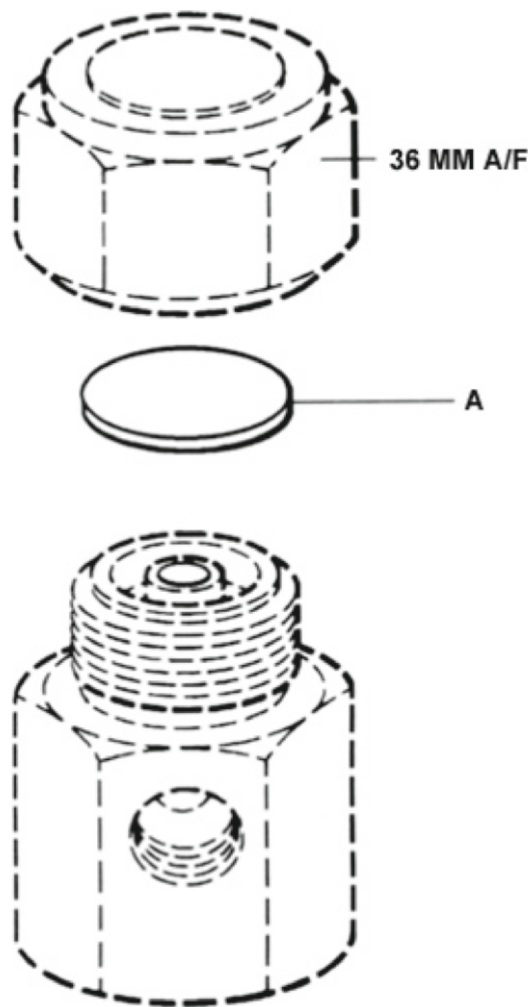
How to Order Spares

Always order spares by using the description given in the column headed "Available Spares" and stating the size and type of trap.

Example: 1 No. disc for DN06 Forbes Marshall Thermodynamic Trap, FMTD25

Recommended Tightening Torques

Size	 A/F	Torque(Nm)
1	36mm	135-150



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 Forbes Marshall Arca
 Codel International
 Forbes Solar
 Forbes Vyncke
 Forbes Marshall Steam Systems

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