

THERMODYNAMIC

This type of trap uses steam dynamic energy to close the discharge orifice. A disc closes both the inlet and outlet orifice. Condensate can lift the disc and be discharge, but when steam is formed its dynamic energy will create a low pressure area (Bernulli Law) under the disc which draws it towards the seat.



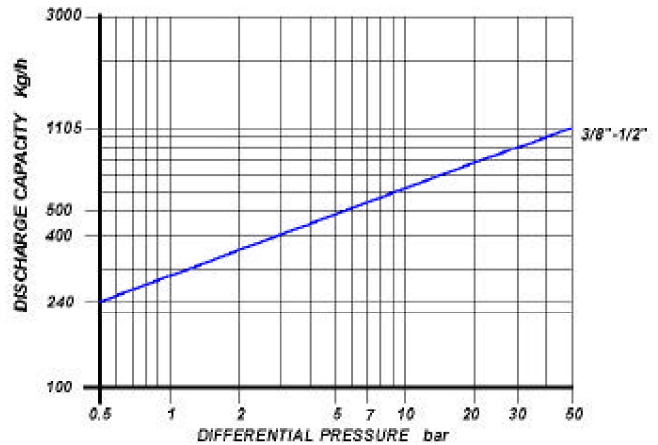
MAIN FEATURES

Reduced dimension and weight simple and reliable. **Special air venting disc.** It withstands waterhammer. Condensate discharge is intermittent. Some loss of live steam.

APPLICATIONS

- Ironing machines
- Steam mains
- Tracing lines
- Turbines
- Marine applications
- Presses

DISCHARGE CAPACITY



Cold water capacities are 2 to 4 times greater than the above .
Safety factor = 1.2 - 1.5

SIZES

3/8" - 1/2"

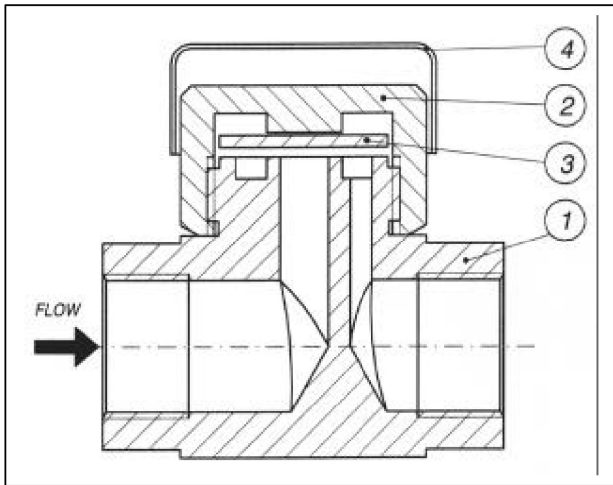
CONNECTIONS

SCREWED ANSI B1.20.1 (NPT) / BS21 (BSP)

LIMITING CONDITIONS (according to ISO 6552)

Steam Trap rating	ANSI 600
PMA: Max allowable pressure	100 bar
TMA: max allowable temperature	390°C
PMO: max working pressure	50 bar
TMO: max working temperature	350°C
Minimum Working Pressure	0.25 bar
PMOB: max working back pressure	80%

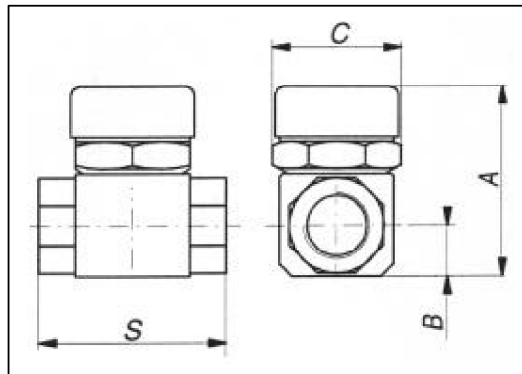
THERMODYNAMIC STEAM TRAPS DAA F6



POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A 182 F6a	
2	Cover	AISI 303	X
3	Disc	AISI 431	X
4	Insulating cap*	AISI 304	

* optional

Size (inches)	S	A	B	C	Weight (Kg)
3/8"	70	65	16	47	0.6
1/2"	70	65	16	47	0.6



INSTALLATION

The steam trap can be installed in any position, however it should be preferably fitted on horizontal pipelines.

How to order: i.e. DAA F6 1/2" NPT

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