

GENERAL NOTE – STEAM TRAPS PRODUCTION

The Ball float type of steam trap is created for standard and special applications, designed to the customer's specifications, welded body.

Air traps suitable for high pressures and capacities, usable for all applications.



SIZE	A	B	C	D	E	WT (Kg.)	F	G	WT (Kg.)	F	B	WT (Kg.)	F	G	WT (Kg.)	F	B	WT (Kg.)
1" - DN25	120	195	80	190	110	9	160	248	11,3	230	195	12	160	248	11	230	195	1

MAIN FEATURES

Reduced dimension and weight simple and reliable. It discharges air. It withstands water hammer. Condensate discharge is intermittent. Some loss of live steam.

MODEL	SIZE	FLOW RATE CAPACITY IN Kgs/h															
		DIFFERENTIAL PRESSURE (bar)															
		0,5	1	1,5	2	3	4,5	6	7	8	9	10	12	9	10	12	
TBFAQA - FA20	15 -25	75	100	125	155	180	220	255	275	290	305	320	345	375	420	480	

CONNECTIONS

Flanged	FLG	ANSI B16.5
Screwed	NPT BSP	ANSI B1.20.1 ANSI BS21

SIZES

from 1/2" to 2"

APPLICATION

- Turbines
- Marine applications
- Presses

LIMITING CONDITIONS

(according to ISO 6552)

BODY LIMITING CONDITIONS		
FLANGED PN25 / ANSI 300*	FLANGED ANSI 150 **	RELATED TEMP.
ALLOW. PRES.	ALLOW. PRES.	
23,2 bar	15,4 bar	100 °C
22 bar	15,8 bar	150 °C
20,8 bar	13,8 bar	200 °C
19 bar	12,1 bar	250 °C

P1MO - Max. operating pressure 21 bar

TMO - Max. operating temperature 200 °C

* According to EN1092-1:2007 ; ** Acc. to EN1759-1:2004

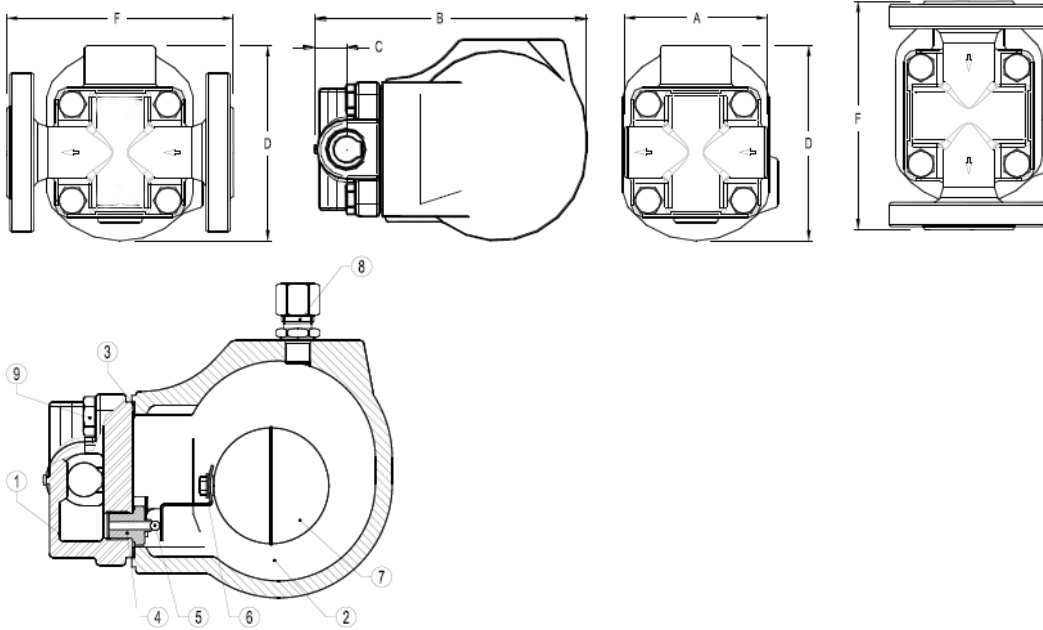
Body limiting conditions PN25 or below, depending on the type of connection adopted. Rating PN25 for thread, SW and BW.

Installation:

The trap should be installed with the float arm in horizontal plane. Must be fitted below the drain point of the equipment .

Isolating valve should be installed upstream and downstream of the trap for safe maintenance. Always open isolation valve slowly until normal operating conditions are achieved to avoid system shocks

DIMENSIONS (mm.)											
	SW/BSP/NPT/BW				EN PN16/40		ANSI 150		ANSI 300		
SIZE	A	B	C	D	WT (Kg.)	F	WT (Kg.)	F	WT (Kg.)	F	WT (Kg.)
15 - 1/2"	95	178	23	128	5,5	150	7	150	7	150	7,5
20 - 3/4"	95	178	23	128	5,5	150	8	150	8	150	8,5
25 - 1"	95	178	23	128	5,5	150	8,5	150	8,5	150	9



POS	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A216 WCB/GP240GH/1.0619	
2	Cover	ASTM A216 WCB/GP240GH/1.0619	
3	Gasket	Stainless Steel/Graphite	X
4,5,6	Valve assembly	AISI-410/AISI-420	X
7	Ball float	AISI-304	X
8	Compression fitting	Stainless steel	X
9	Bolting	ASTM A193 B8/A194 Gr.8	

Note 1: Other Materials and Dimensions on Request

HOW TO MAINTENANCE:

The trap can be maintained without disturbing the piping connections. Ensure that trap is isolated upstream and downstream before attempting to dismantle it. Allow the trap to cool before dismantling.

Item 3 (gasket), 4-5-6(valve assembly), 7(ball float) and 8(air vent) can be replaced bring the traps as new conditions

ORDER CODE

i.e. TBFAQA 1.1/2" 150RF A216 WCB

TBFAQA 2" 150RF A216 WCB