

# Steam Traps

## FTV-120

### Float & Thermostatic Traps

SF International reserves the right to change the designs and/or materials of its products without notice, ©2013 SF International



FTV-120 is a mechanical Float Trap designed for the drainage of steam lines and recommended for high condensate flow, such as evaporators, cylinders, air dryers, etc. It is easily maintained even if installed on the line, its discharge orifices below condensate level inside prevents trap against steam leak. FTV-120 continuously discharges condensate and it is designed for low pressure equipments, and at the same time, large discharge of condensate requirements. Equipped with level indicator, it can be supplied with Steam Lock Release (SLR) as optional. It can be supplied with screwed connections BSPT (BS 21) or NPT (ANSI-B1.20.1). Flanges according to ANSI-B16.5 class. Contact factory for other connection options.

#### FEATURES

Product Family	<b>FTV-120</b>
Sizes	<b>2", 2 1/2" and 3"</b>
Connections	<b>Screwed, Flanged</b>
Body Material	<b>GGG 40.3 Ductile Iron</b>
Options	<b>SLR - Steam Lock Release</b>
PMO Max. Oper. Pressure	<b>175 psig</b>
TMO Max. Oper. Temperature	<b>464 °F</b>

#### HOW TO ORDER

Specify:

- Model
- Sizes and type of connection

**Example:** 1 SF International Float Trap model FTV-120 with 2 1/2" body and BSP connections.

#### DIMENSIONS & WEIGHT (INCHES & POUNDS)

DN	A	B	C	D	Weight
2"	16.38	7.09	10.83	4.49	63.93
2 1/2"	20.00	8.66	12.80	7.24	123.46
3"	20.00	8.66	12.80	7.09	123.46

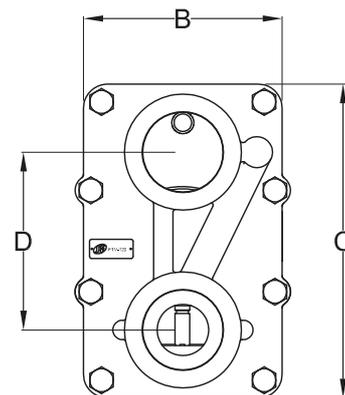
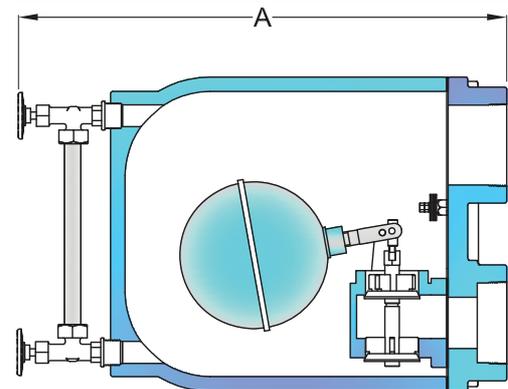
#### CAPACITY

Model	Sizes	Orifices	DIFFERENTIAL PRESSURE - ΔP (psig) x Q (lb/h)											
			2	5	10	15	20	30	50	60	101	142	175	202
FTV-120	2"	1.50	20,219	24,771	28,775	30,902	33,030	35,675	40,536	41,939	47,042	50,920	52,609	-
FTV-120	2 1/2"	2.14	46,041	55,550	64,058	67,812	71,564	77,570	88,079	90,881	100,590	106,677	110,630	-
FTV-120	3"	2.14	46,041	55,550	64,058	67,812	71,564	77,570	88,079	90,881	100,590	106,677	110,630	-



#### AVAILABLE MODELS

FTV-120: Max. differential pressure 175 psig





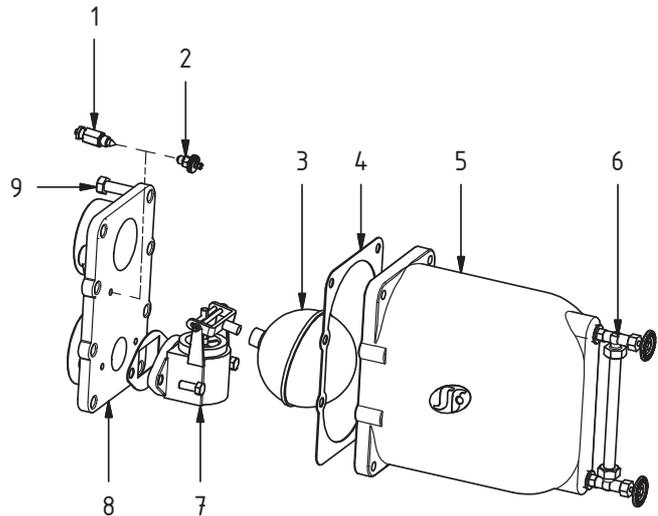
# Steam Traps

## FTV-120

### Float & Thermostatic Traps

#### COMPONENTS AND MATERIALS

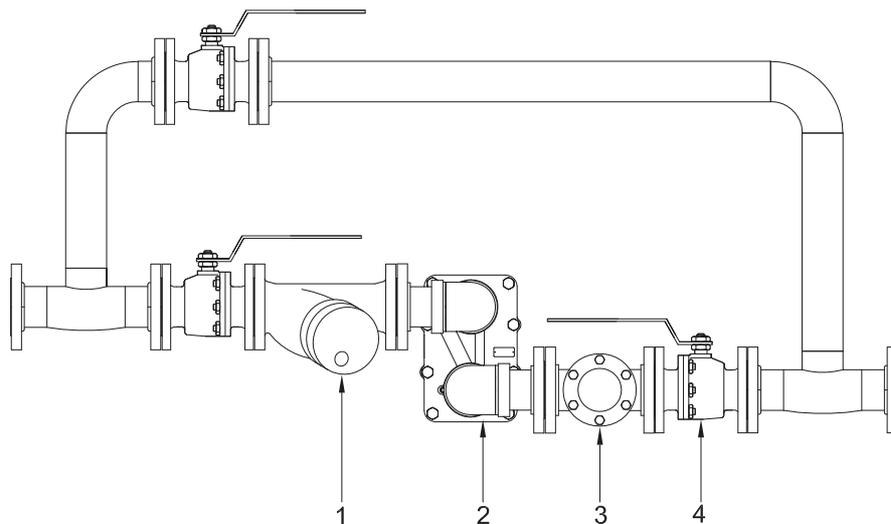
Pos.	Description	Material
1	Steam Lock Release Assy	AISI 304 SS
2	Air Eliminator Assy	AISI 304 SS
3	Float Assy	AISI 304 SS
4	Gasket	Non asbestos
5	Body	GGG 40.3 Ductile Iron
6	Level Indicator (Optional)	Bronze
7	Mechanism	AISI 304 SS
8	Cover	GGG 40.3 Ductile Iron
9	Screw	Carbon Steel fosfat



#### HOW TO ORDER SPARE PARTS

Model	Description	Pos.	2"	2 1/2"	3"
FTV120	Mechanism	7	6,325	6,328	6,328
	Float	3	6,331	6,332	6,332
	Gasket	4	11,285	6,336	6,336
	Air Vent Assy	2	2,320	2,320	2,320
	Steam Lock Release Assy	1	2,322	2,322	2,322

#### TYPICAL INSTALLATION



Title:	
1	Y Strainer
2	Steam Trap
3	Sight Glass
4	Stop Valve

#### PRODUCT DISPOSAL

This product is totally recyclable. No ecological hazard is anticipated with the disposal of this product.

#### SAFETY, INSTALLATION AND MAINTENANCE

For safety, installation and maintenance information see instructions supplied with the product (MI-0102-48).