

Steam Traps

FTV-570 Series 1.25"/1.5"/2"/3"

Stainless Steel Float & Thermostatic Traps

FTV-570 is a stainless steel float and thermostatic steam trap designed to remove condensate from steam systems and it is recommended for high condensate flow equipment such as main drips, exchangers, drying cylinders, air dryers, etc. It is supplied with a Thermostatic Air Vent as standard or Steam Lock Release (SLR) as optional. It can be easily maintained even when installed, its discharge orifice is below the condensate level of steam trap prevent trap against live steam leakage. It can be supplied with screwed connections NPT (ANSI-B1.20.1). Flanges according to ANSI-B16.5 class..



AVAILABLE MODELS

FTV-571: Max. differential pressure 200 psig

FTV-572 Max. differential pressure 145 psig

FTV-573 Max. differential pressure 65 psig

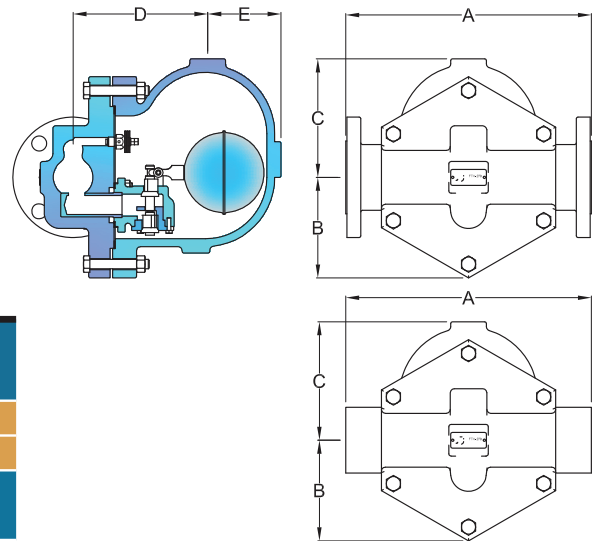
Product Family	FTV-570
Sizes	1/25" 1 1/2" 2" 3"
Connections	Screwed, Flanged
Body Material	316 Stainless Steel
Options	SLR - Steam Lock Release
PMO Max. Oper. Pressure	200 psig
TMO Max. Oper. Temperature	435 °F

HOW TO ORDER

Specify:

- Model
- Sizes and type of connection

Example: 1 Thermaflo Float and Thermostatic Trap model FTV-570-10 with 1½" body and NPT connections combined with Thermostatic Air Vent



SIZE	A	B	C	D	E	Weight	
1.25/1.5	10.63	4.65	5.31	6.38	3.35	44.09	
2"	11.89	5.00	5.91	6.61	3.62	66.14	
SIZE	A		B	C	D	E	Weight Lbs
	150#	300#	Flanged				
1.25/1.5	12.28	12.28	4.65	5.31	6.38	3.35	44.09
2"/3"	12.64	12.87	5.00	5.91	6.61	3.62	66.14

Note: Add 2.25" to A for 3" 150lb ANSI and 3.25 for 300lb ANSI

Model	Sizes	Orifices	DIFFERENTIAL PRESSURE - ΔP (psig) x Q (lb/h)											
			2	5	10	15	20	30	50	65	100	145	175	200
FTV-571	1 1/2"	0.50 / 0.53	1,106	1,711	2,379	2,884	3,307	4,010	5,110	5,573	7,103	8,475	9,264	9,872
FTV-571	2"/3"	0.69 / 0.71	2,205	3,406	4,736	5,741	6,581	7,981	10,170	11,089	14,136	16,865	18,442	19,648
FTV-572	1 1/2"	0.56 / 0.60	1,764	2,725	3,788	4,592	5,265	6,382	8,135	8,874	11,310	13,492	-	-
FTV-572	2"/3"	0.81 / 0.85	4,579	7,077	9,835	11,925	13,669	16,574	21,125	23,038	29,361	35,031	-	-
FTV-573	1 1/2"	0.68 / 0.75	4,424	5,291	7,352	8,915	10,221	12,392	15,794	17,223	-	-	-	-
FTV-573	2"/3"	1.06 / 1.10	13,898	18,387	25,554	30,982	35,516	43,063	54,888	59,856	-	-	-	-

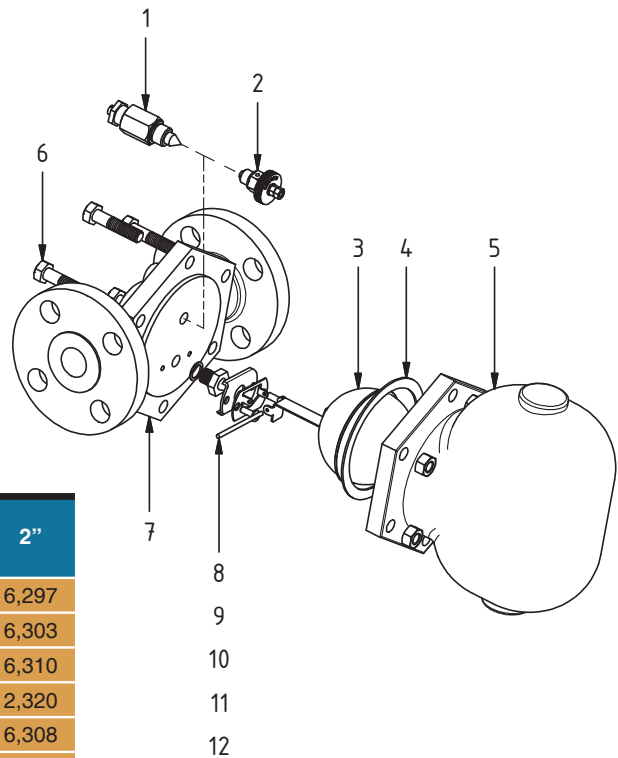
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COMPONENTS AND MATERIALS

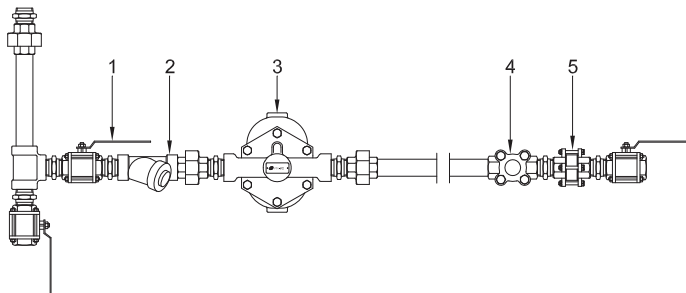
Pos.	Description	Material
1	Steam Lock Release	AISI 304 SS
2	Air Vent Assy	AISI 304 SS
3	Float Assy	AISI 304 SS
4	Gasket	Garlock 5500
5	Body	ASTM 316 Stainless Steel
6	Bolts	Carbon Steel
7	Cover	ASTM 316 Stainless Steel
8	Seat Support	AISI 304 SS
9	Lever Support	AISI 304 SS
10	Stem	AISI 304 SS
11	Seat	AISI 304 SS
12	Round Screw	AISI 304 SS



HOW TO ORDER SPARE PARTS

Model	Description	Pos.	1 1/2"	2"
FTV571	Mechanism	8, 9, 10, 11, 12	6,296	6,297
	Float	3	6,303	6,303
	Gasket	4	6,310	6,310
	Air Vent Assy	2	2,320	2,320
	Steam Lock Release Assy	1	6,322	6,308
FTV572	Mechanism	8, 9, 10, 11, 12	6,298	6,299
	Float	3	6,303	6,303
	Gasket	4	6,310	6,310
	Air Vent Assy	2	2,320	2,320
	Steam Lock Release Assy	1	6,322	6,308
FTV573	Mechanism	8, 9, 10, 11, 12	6,300	6,301
	Float	3	6,303	6,303
	Gasket	4	6,310	6,310
	Air Vent Assy	2	2,320	2,320
	Steam Lock Release Assy	1	6,322	6,308

TYPICAL INSTALLATION



Title:	
1	Isolation Valve
2	Y Strainer
3	Steam Trap
4	Sight Glass
5	Check 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.