

# Steam Traps

## FTV-370 1 1/2" & 2"

### Float & Thermostatic Traps

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FTV-370 is a Ball Float steam trap designed to remove condensate from steam and it is recommended for high condensate flow equipments such as evaporators, drying cylinders, air dryers, etc. It can be supplied with Air Vent (EAR) as standard or Steam Lock Release (SLR) as optional. It can be easily maintained even when installed, its discharge orifices below the condensate level of steam trap prevent trap against live steam leakage. 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	FTV-370
Sizes	1 1/2" and 2"
Connections	Screwed, Flanged
Body Material	ASTM A 216 WCB CS
Options	SLR - Steam Lock Release
PMO Max. Oper. Pressure	299 psig
TMO Max. Oper. Temperature	435 °F

#### AVAILABLE MODELS

FTV-371: Max. differential pressure 299 psig

FTV-372: Max. differential pressure 142 psig

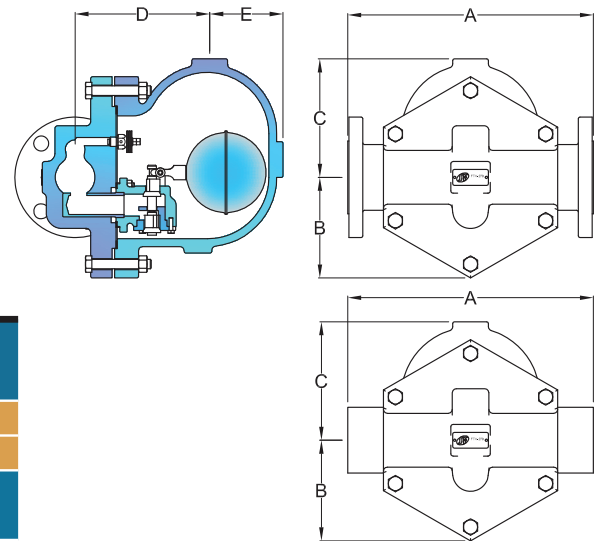
FTV-373: Max. differential pressure 64 psig

#### HOW TO ORDER

Specify:

- Model
- Sizes and type of connection

Example: 1 SF International Float Trap model FTV-371 with 1 1/2" body and BSP connections combined with EAR and SLR.



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

DN	A	B	C	D	E	Weight	
1 1/2"	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	
DN	A		B	C	D	E	Weight
	150#	300#	Flanged				
1 1/2"	12.28	12.28	4.65	5.31	6.38	3.35	44.09
2"	12.64	12.87	5.00	5.91	6.61	3.62	66.14

#### 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-371	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-371	2"	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-372	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-372	2"	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-373	1 1/2"	0.68 / 0.75	3,424	5,291	7,352	8,915	10,221	12,392	15,794	17,223	-	-	-	-
FTV-373	2"	1.06 / 1.10	11,898	18,387	25,554	30,982	35,516	43,063	54,888	59,856	-	-	-	-

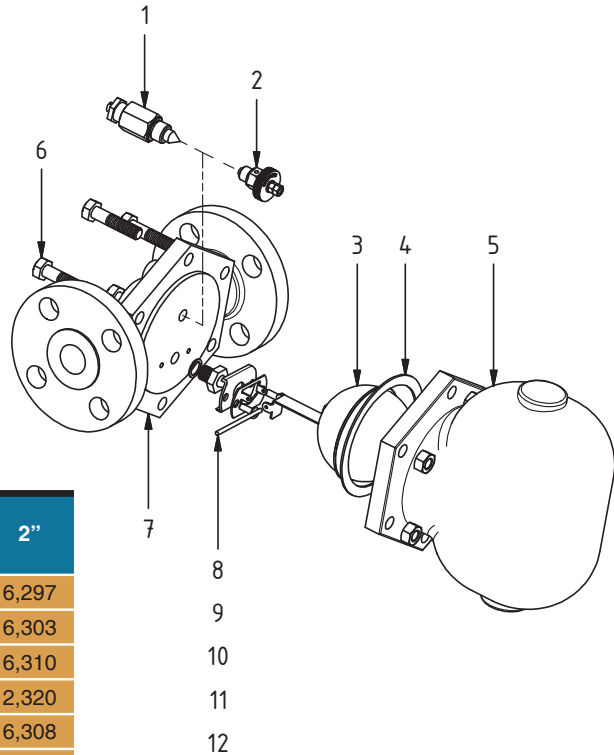


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#### COMPONENTS AND MATERIALS

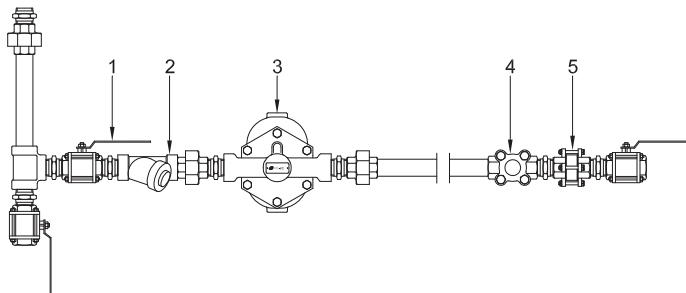
Pos.	Description	Material
1	Steam Lock Release	AISI 304 SS
2	Air Vent Assy	AISI 304 SS
3	Float Assy	AISI 304 SS
4	Gasket	Copper
5	Body	ASTM A 216 WCB CS
6	Bolts	Carbon Steel
7	Cover	ASTM A 216 WCB CS
8	Seat Support	AISI 304 SS
9	Lever Support	AISI 304 SS
10	Stem	AISI 304 SS
11	Seat	AISI 304 SS
12	Round Screw	AISI 304 SS



#### HOW TO ORDER SPARE PARTS

Model	Description	Pos.	1 1/2"	2"
FTV371	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
FTV372	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
FTV373	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	Stop 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 (MI-0102-47).