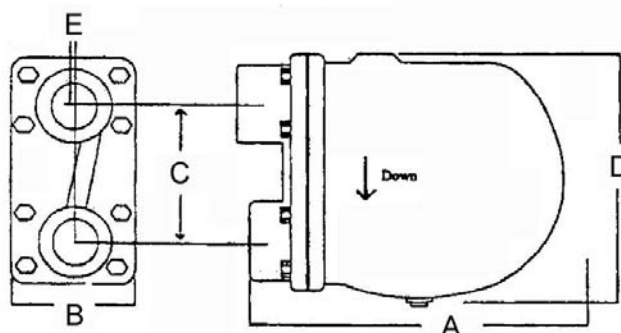


# FLOAT AND THERMOSTATIC STEAM TRAPS – CFTH Series



## APPLICATIONS

Series CFTH float & thermostatic steam traps provide immediate and continuous discharge of large amounts of condensate, air and non-condensable gases. These traps meet large capacity drainage needs required on such services as:

- Absorption Systems
- Air Handling Coils
- Heat Exchangers
- Dryers
- Evaporators
- Hot Water Generators
- Rendering Machines
- Steam Process Equipment

## FEATURES

- All stainless steel internals – for long service life
- High capacity condensate removal
- Thermostatic air vent for removing large volumes of air
- Adjusts to pressure and load variations instantaneously
- In-line replaceable thermostatic capsule and seat
- Optional liquid level glass assembly for model CFTH-175

## MATERIALS

Part	Description
Body	Cast Iron ASTM-A278 Class 30
Head	Cast Iron ASTM-A278 Class 30
Bolts	Steel Grade 5
Gaskets	Compressed Graphite
Seat	Stainless Steel
Float	Stainless Steel
Plug	Stainless Steel
Air Vent	Stainless Steel

## RATINGS

### Model CFTH-020

PMO: (maximum operating pressure)	20 psi
TMO: (maximum operating temperature)	259°F
PMA: (maximum allowable pressure)	250 psi
TMA: (maximum allowable temperature)	450°F

### Model CFTH-175

PMO: (maximum operating pressure)	175 psi
TMO: (maximum operating temperature)	450°F
PMA: (maximum allowable pressure)	200 psi
TMA: (maximum allowable temperature)	450°F

## DIMENSIONS AND WEIGHTS

Model No.	Size		A		B		C		D		E		Weight	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lbs
CFTH-020	50	2	311	12-1/4	150	6	115	4-1/2	273	10-3/4	15	1/2	20	44
CFTH-175	50	2	317	12-1/2	190	7-1/2	115	4-1/2	273	10-3/4	15	1/2	28	62
CFTH-175	65	2-1/2	520	20-1/2	220	8-45/64	190	7-1/2	325	12-51/64	10	3/8	53	117

## CAPACITIES (Gross) – Lbs Condensate Per Hour

Size	Model	Pressure Differential (PSIG)														
		1/4	1/2	1	2	5	10	15	20	40	60	75	100	125	150	175
2"	CFTH-020	6000	7500	9000	11500	15500	19000	22000	25000							
2"	CFTH-175	8827	13192	16710	20218	24771	28775	30902	33030	38105	41938	44039	47044	49796	50987	52609
2-1/2"	CFTH-175	25000	31500	34500	38500	46000	55500	64000	68000	79000	83000	92000	96500	103000	111000	113000

Colton has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.



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