

# UFT450

## Universal Style Quick-Change Trap Module

**Float & Thermostatic Steam Trap Module** (mounts to UC450 Universal Connectors)

Model	<b>UFT450</b>
Connections	<b>Fits UC450 Series Universal Connectors</b>
Body Material	<b>Stainless Steel</b>
PMO Max. Operating Pressure	<b>450 PSIG</b>
TMO Max. Operating Temperature	<b>397°F</b>
PMA Max. Allowable Pressure	<b>720 PSIG @ 100°F</b>
TMA Max. Allowable Temperature	<b>800°F @ 400 PSIG</b>



**UFT450**  
Float & Thermostatic  
Steam Trap Module

Steam trap modules **can be used with other manufacturers' Universal Connectors.**

### Typical Applications

**PROCESS, DRIP:** The **UFT450** Float & Thermostatic steam trap module can be used on small process equipment which generate light condensate loads. F&T traps have excellent air handling capability. These F&T trap modules can also be used in drip service on steam mains and steam supply lines. Mounts to any universal connector.

### How It Works

The UC450 universal connector is permanently installed into the pipeline where the steam trap would normally be placed. The trap module, which functions like any F&T steam trap, is fastened to the universal connector with two bolts. When a new trap module is needed, it can be easily removed and replaced with a standard open-end or socket wrench without disturbing the existing piping.

### Sample Specification

The steam trap shall be an all stainless steel modular design, float & thermostatic unit. The thermostatic air vent to be pressure balanced welded bellows. The trap shall have a 360 degree swivel mount on a stainless steel Universal Connector that is available with integral strainer and blowdown valve options.

### Installation and Maintenance

Universal connector is first permanently threaded or welded into piping system. The UFT450 mounts to any 2-Bolt Quick-Change Universal Connector. Trap module must be installed in orientation shown. The trap module is bolted to the universal connector with two bolts. When a new trap module is needed, it can be easily removed and replaced with a standard open-end or socket wrench without disturbing the existing piping.

### Features

- Trap module can be easily removed and replaced in minutes without having to disconnect any piping
- Hardened stainless steel valves and seat
- Freeze-resistant
- Connectors available with integral strainers and blowdown valves
- 360° swivel design for convenient installation

### Options

Universal Connectors are available with an integral strainer and blowdown valve. Connector is purchased separately. See the Universal Connectors section for more information.

### Helpful Selection Information

Select a model with a PMO (maximum operating pressure) that meets or exceeds the steam pressure of the system. For example, the UFT450-65 has a maximum operating pressure of 65 PSI. Any universal connector can be used. Recommended connector: UC450SR

### MATERIALS

Body	Stainless Steel GR CF3
Cover	304L Stainless Steel
Internals	300 Series Stainless Steel
Valve Disc	420F Stainless Steel
Valve Seat	17-4 PH Stainless Steel
Bolts	ASTM A193 GR B7
Gasket	Spiral-Wound 304 Stainless Steel with Grafoil Filler
Swivel Flange	303 Stainless Steel

### CAPACITIES – Condensate (lbs/hr)

Model	PMO (PSIG)	Differential Pressure (PSI)																				
		1/4	1/2	1	2	5	10	15	20	30	40	50	65	75	100	125	145	200	225	350	450	
UFT450-15	15	390	490	620	780	1050	1320	1500														
UFT450-65	65	115	155	205	270	390	520	610	685	810	910	995	1110									
UFT450-145	145	55	75	100	135	200	270	320	365	435	490	540	600	640	725	795	850					
UFT450-225	225	40	50	70	95	135	185	220	245	290	330	360	405	430	485	530	565	645	680			
UFT450-450	450	16	23	32	44	70	98	119	137	167	192	214	243	261	300	335	360	421	446	553	626	