

# UNIVERSAL STEAM TRAPS

## WFT450

Float & Thermostatic Module  
(mounts to WU450 Universal Connector)

Model	WFT450
Connections	Fits WU450 universal connector
Body Material	Stainless Steel
PMO Max. Operating Pressure	225 PSIG
TMO Max. Operating Temperature	397°F
PMA Max. Allowable Pressure	720 PSIG @ 100°F
TMA Max. Allowable Temperature	800°F @ 400 PSIG



WFT450  
Float & Thermostatic  
Steam Trap Module

Steam trap modules **must be used** with the WU450 Universal Connectors which are shown on previous pages.

### TYPICAL APPLICATIONS

**PROCESS, DRIP:** The WFT450 Float & Thermostatic trap module mounted on a universal connector is typically used on process equipment that generate light condensate loads and require excellent air handling capabilities. These low capacity float & thermostatic trap modules can also be used in drip service on steam mains, tracer systems and steam supply lines. The WFT450 module mounts to the WU450 universal connector.

### HOW IT WORKS

The universal connector is permanently installed into the pipeline where the steam trap would normally be placed. The trap module is bolted to the universal connector with two bolts and sealed with a gasket. 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 module 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 & MAINTENANCE

Universal connectors can be installed in any position. Installation should include isolation valves. For full maintenance details, see Installation and Maintenance Manual.

### OPTIONS

Universal Connector are available with an integral strainer and blowdown valve. Connector is purchased separately. See the WU450 Universal Connector section for more information.

### 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

### 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)		Differential Pressure (PSI)																	
Model	PMO PSIG	1/4	1/2	1	2	5	10	15	20	30	40	50	65	75	100	125	145	200	225
WFT450-65	65	115	155	205	270	390	520	610	685	810	910	995	1110						
WFT450-145	145	55	75	100	135	200	270	320	365	435	490	540	600	640	725	795	850		
WFT450-225	225	40	50	70	95	135	185	220	245	290	330	360	405	430	485	530	565	645	680