



# Triangle Tube®



## brazed plate

HEAT EXCHANGER



Working Pressure: up to 40 bar/580psi



Working Temperature: -196°C to +200°C / -321°F to +392°F





Full Flow System™ & Safety Chamber™ Technologies

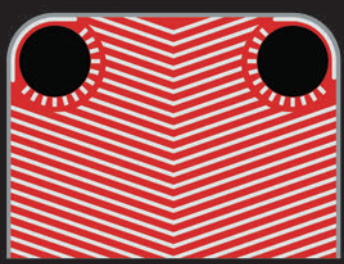


# DOMESTIC HOT WATER, RADIANT FLOOR & SNOW MELT

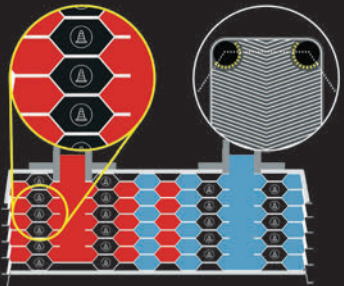
Industry leading research and development coupled with years of field installations enable us to provide the combination of dimensional accuracy and material quality that last. These all-around performers deliver reliable, high quality and cost-effective results. The TTP1 & 4 series come with Full Flow System™ while the TTP7 series comes with Safety Chamber™ technology. They are ideal for applications of all sizes with a max of 200°C/392°F and up to 40 bar/580 psi are ready for the toughest of jobs. To calculate/select your optimum heat exchanger you will need to know: · required temperature range · flow rates or required heat load · maximal permitted pressure drop · required working conditions.

**Materials:** Plates and Connections: AISI 316L Stainless Steel, Braze: 99.9% Copper

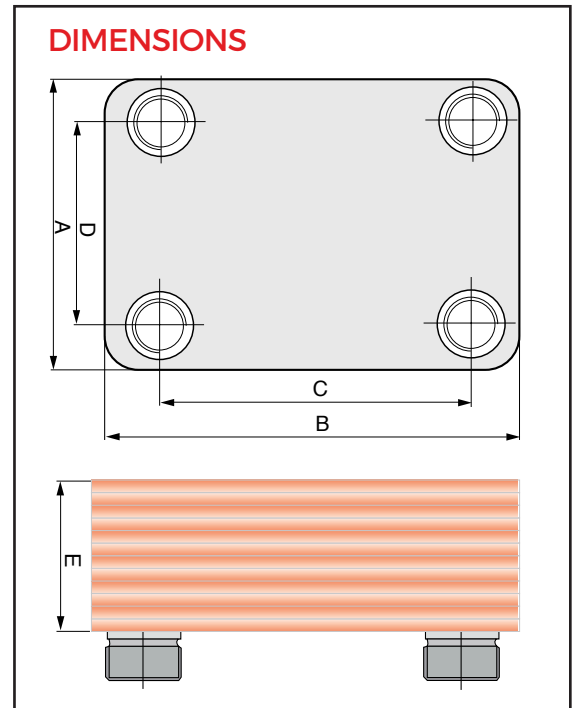
**Approvals:**  



**FULL FLOW**  
Ensures continuous flow around the port area to prevent freezing.



**SAFETY CHAMBER**  
Absorbs the stress from thermal shock and pressure in the port area and prevents internal leaks and premature failure.



## SINGLE WALL

Model	Threaded Connections NPT	Sweated Connection	Dimensions					Empty Weight (lbs)	Plates
			A	B	C	D	E		
FHETTP1-14E*	3/4"	7/8"	3.3"	8.0"	6.0"	1.6"	1.6"	3.1	14
FHETTP1-20E*	3/4"	7/8"	3.3"	8.0"	6.0"	1.6"	2.1"	3.7	20
FHETTP1-30E*	3/4"	7/8"	3.3"	8.0"	6.0"	1.6"	3.0"	4.8	30
FHETTP4-10*	1"	1-1/8"	4.9"	13.2"	11.1"	2.9"	1.3"	6.4	10
FHETTP4-14*	1"	1-1/8"	4.9"	13.2"	11.1"	2.9"	1.7"	7.6	14
FHETTP4-24*	1"	1-1/8"	4.9"	13.2"	11.1"	2.9"	2.5"	10.5	24
FHETTP4-30*	1"	1-1/8"	4.9"	13.2"	11.1"	2.9"	3.1"	12.2	30
FHETTP4-50*	1"	1-1/8"	4.9"	13.2"	11.1"	2.9"	4.8"	18.0	50
FHETTP4-70*	1-1/4"	1-3/8"	4.9"	13.2"	11.1"	2.9"	6.6"	23.8	70
FHETTP7L-20†	2"	2-1/8"	11.1"	21.4"	18.1"	7.8"	2.6"	51.1	20
FHETTP7L-24†	2"	2-1/8"	11.1"	21.4"	18.1"	7.8"	3.0"	55.5	24
FHETTP7L-30†	2"	2-1/8"	11.1"	21.4"	18.1"	7.8"	3.6"	62.1	30
FHETTP7L-40†	2"	2-1/8"	11.1"	21.4"	18.1"	7.8"	4.7"	73.1	40
FHETTP7L-50†	2"	2-1/8"	11.1"	21.4"	18.1"	7.8"	5.7"	84.1	50
FHETTP7L-60†	2"	2-1/8"	11.1"	21.4"	18.1"	7.8"	6.7"	95.1	60

\* Full Flow † Safety Chamber