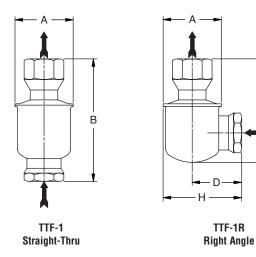
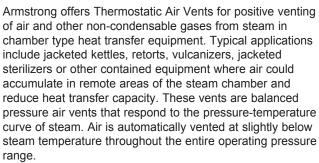


Armstrong Stainless Steel Thermostatic Air Vents

For Pressures to 300 psig (20 bar)...Capacities to 104 scfm







Features

- Suitable for pressures from 0 300 psig
- · All 304-L stainless steel bodies—sealed, tamper-proof
- Balanced pressure thermostatic element vents air at slightly below steam temperature over the entire pressure range—no adjustments required
- Dependable, proven phosphor-bronze bellows caged in stainless steel with bronze valve and stainless steel seat
- · Available in straight-thru or right-angle connections

Armstrong thermostatic air vents should be installed at the highest point on a steam chamber, with the air vent located above the chamber. This will minimize the possibility of any liquid carryover, and air can be vented at atmosphere without a drain line.

For a fully detailed certified drawing, refer to CD #1018.

List of Materials				
Name of Part	Material			
Body	304-L Stainless steel			
Connections	304 Stainless steel			
Balanced Pressure Thermostatic Air Vent	Stainless steel and bronze with phosphor-bronze bellows, entire unit caged in stainless steel			
Gasket	Copper clad non-asbestos			

Optional: All stainless steel thermostatic air vent.

Physical Data										
Model No.	Straight-Thru Connections TTF-1				Right-Angle Connections TTF-1R					
Pipe Connections -	in	mm	in	mm	in	mm	in	mm		
	1/2	15	3/4	20	1/2	15	3/4	20		
"A" Diameter	2-1/4	57	2-1/4	57	2-1/4	57	2-1/4	57		
"B" Height	4-1/2	114	4-11/16	119	3-3/4	95	3-15/16	100		
"C" & inlet to face of outlet	_		_		2-5/8	67	2-13/16	71		
"D" © outlet to face of inlet	_		_		1-15/16	49	1-7/8	48		
"H"	_		_		3-1/16	78	3	76		
Weight, lb (kg)	3/4 (0.4)		1 (0.5)		3/4 (0.4)		1 (0.5)			
Maximum Allowable Pressure (Vessel Design)	300 psig @ 450°F (20 bar @ 232°C)									
Maximum Operating Pressure, psi (bar)	300 (20)									
Discharge Orifice Size	3/16"									

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit www.armstronginternational.com for up-to-date information.