



Established 1958

## Tunstall Air Valves

### About Tunstall Air Valves (Steam)

- Tunstall steam air valves are made, assembled, tested and inspected in the U.S.
- Each unit is individually packaged with external labeling for inventory convenience and maintenance.
- Steam valves have brass internals with nickel plated and hand polished exterior.
- 1P vents have a wide adjustment range, which simplifies the balancing of heat to each radiator.

### Steam Valves



Quick, uniform distribution of heat to all radiation is essential to one pipe steam performance. This requires balancing the radiation by controlled venting. Tunstall's #1P valves are adjustable and all steam air valves are designed for positive action and straight-line venting. They function automatically to vent the air.

<b>TUNSTALL STEAM VENTS</b>					
USE FOR	NO.	CONNECTION	VENT PORT	MAX OPER. PRESSURE	OVERALL HEIGHT
FREE STANDING RADIATORS	1P	1/8" ADJUSTABLE	3/32"	3 PSI	3-1/4"
	11P	1/8" MALE	1/16"	6 PSI	2-3/4"
CONVECTOR AND RISERS	31P	1/8" MALE	1/16"	6 PSI	3-3/4"
	33P	1/4" MALE	1/16"	6 PSI	3-3/4"
MAIN VENTS	35P	3/4" MALE x 1/2" FEMALE	3/32"	3 PSI	3-1/4"
	75P		3/32"	5 PSI	4-5/8"

#### NOTES:

1. Maximum operating pressure or drop away pressure is the maximum pressure at which the vent will continue to open and close by gravity.
2. One pipe steam systems function best when pressure is less than 2 psi.
3. The lower the pressure at which a system is operated, the greater its efficiency will be.



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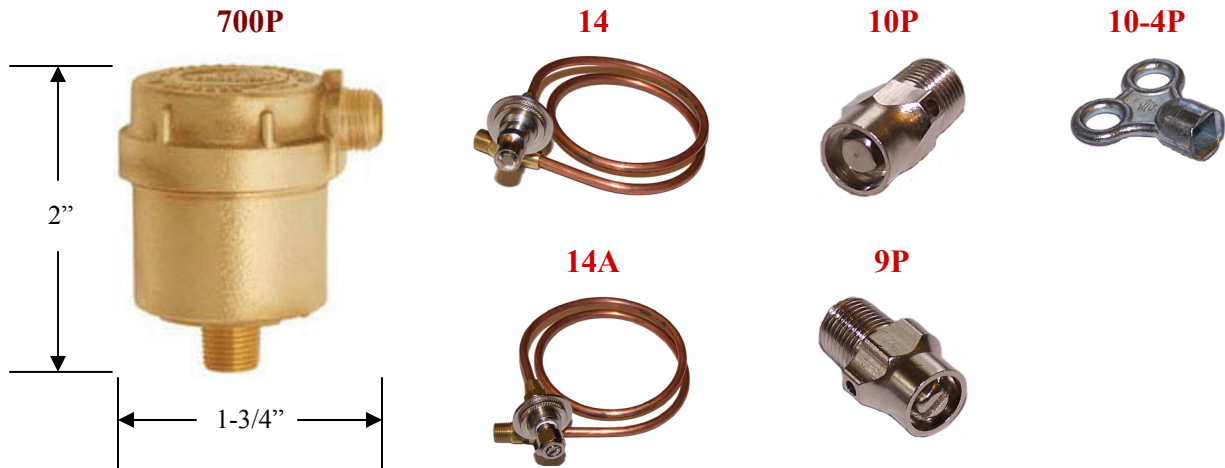
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Bulletin-TA-TAV-0814  
Miscellaneous

# Tunstall Air Valves

<b>TUNSTALL HOT WATER VENTS</b>			
USE FOR	NO.	CONNECTION	MAX OPER. PRESSURE
RADIATORS	9P	1/8" MALE	150 PSI
	10P		
AS REQUIRED	700P	1/8" MALE	50 PSI
	14, 14A		150 PSI



<b>TUNSTALL REPLACEMENT GUIDE</b>			
TUNSTALL #	DOLE #	Connection Size / Description	Steam (S) or Hot Water (HW)
1P	1A	1/8" M Angle, Adjustable	S
9P	9	1/8" M Coin Valve	HW
10P	10	1/8" M Key Valve	HW
10-4P	10-4	KEY for #10	HW
11P	1933	1/8" M Angle	S
31P	1933	1/8" M Straight	S
33P	1933	1/4" M Straight	S
35P	1933	3/4" M x 1/2" F Straight	S
75P	3C	3/4" x 1/2" Vent for Mains	S
700P	2000	1/8" M Straight, Hydronic Float Vent	HW
14	14	1/8" M Key Air Valve Assembly, 20" x 3/16" Tubing	HW
14A	14A	1/8" M Coin Air Valve Assembly, 20" x 3/16" Tubing	HW

