



Thermostatic Radiator Steam Traps Series EC

Operation

Tunstall Associates, Inc. produces a complete line of thermostatic radiator steam traps with ratings from vacuum to 25 psi. Each unit is tested and inspected before leaving the factory guaranteeing years of trouble free service. All units are “normally open” to expel air and water and will “close” at saturated steam temperature thereby preventing steam from entering into condensate return lines. Each Tunstall steam trap features the Tunstall Capsule[®] which has become the best steam trap replacement element available today.

Features

- Forged brass body, cover, nut and tail piece
- TIG welded stainless steel Tunstall Capsule[®]
- Calibrated, inspected and tested
- Vacuum to 25 psi
- Available in 1/2” & 3/4” angle, 1/2” vertical and 1/2” straight

Benefits

- Simple installation
- Corrosion resistant stainless steel internals
- Extended life on low pressure applications

Typical Specification

Furnish and install Tunstall Thermostatic Steam Traps Series EC as shown or as specified on plans and in accordance with manufacturer’s instructions, sizes 1/2” or 3/4”. The trap body and cover shall be forged brass and provided with an entirely stainless steel Tunstall Capsule[®]. Rating shall be _____ lbs/hr at _____ PSIG pressure differential. Each unit shall be guaranteed for 2 years from date of installation.

The Tunstall Capsule[®] professionally upgrades all thermostatic steam traps. Refer to catalog #795 or www.tunstall-inc.com for more detailed information.



Applications

- Cast Iron Radiators
- Finned Tube Radiation
- Convectors
- Air Coils
- Sterilizers
- Drips



TUNSTALL THERMOSTATIC STEAM TRAPS SERIES "EC"

Engineering Specifications

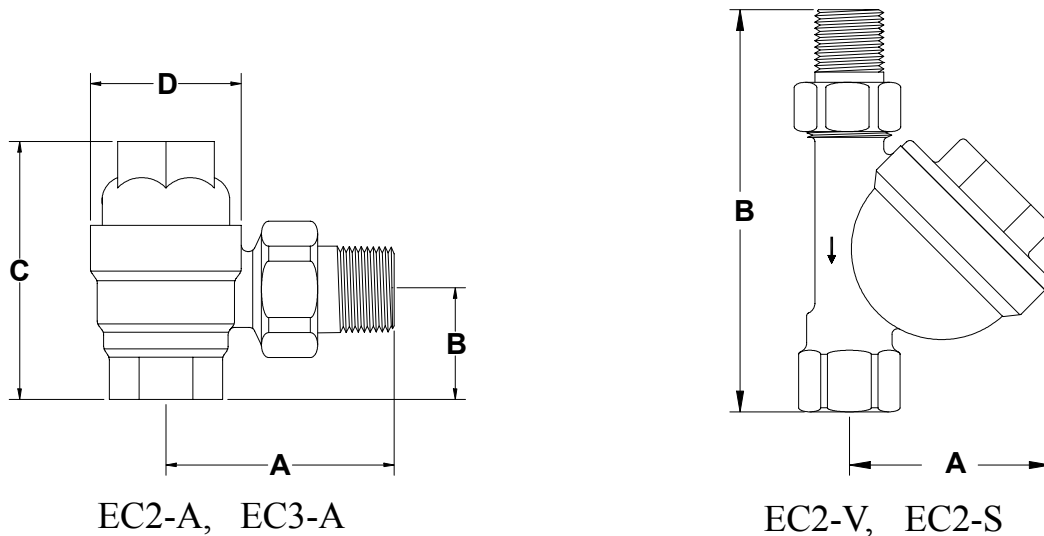
CAPACITIES*

Model	Size NPT	PSIG Orifice	DIFFERENTIAL PRESSURE (PSI)								
			Square Feet EDR**								
			1/4	1/2	1	1-1/2	2	5	10	15	25
EC2-A	1/2"	5/16"	90	120	165	200	230	320	500	625	825
EC3-A	3/4"	5/16"	150	230	330	400	465	730	1040	1050	1700
EC2-S	1/2"	5/16"	90	120	165	200	230	320	500	625	825
EC2-V	1/2"	5/16"	90	120	165	200	230	320	500	625	825

*Ratings are in accordance with standards established by The Steam Heating Equipment Manufacturers Association (SHEMA). No safety factor required.

**To convert Square Feet EDR to pounds of condensate per hour: Divide the square foot ratings by 4.

One Square Foot EDR is equivalent to net emission of 240 BTU per hour with 215°F steam in the radiator surrounded by 70°F air temperature. One pound of condensate is equivalent to approximately 1000 BTU; 1000 BTU is equivalent to approximately 4 square feet EDR.



Model No	Pipe Size	A	B	C	D	Weight
EC2-A	1/2"	2.60	1.35	3.00	1.82	1.15
EC3-A	3/4"	2.60	1.35	3.00	1.82	1.25
EC2-S	1/2"	2.50	4.85	--	--	1.65
EC2-V	1/2"	2.50	4.85	--	--	1.65

