

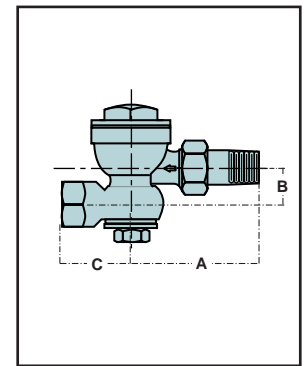
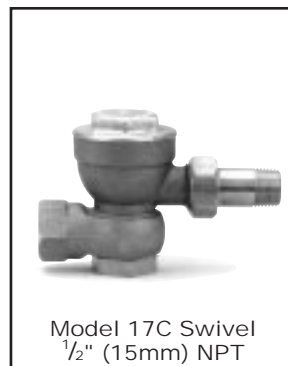
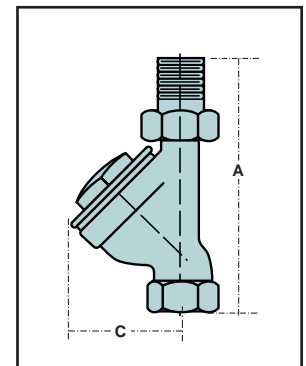
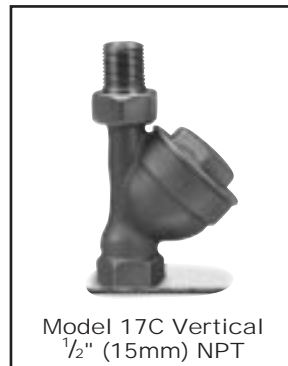
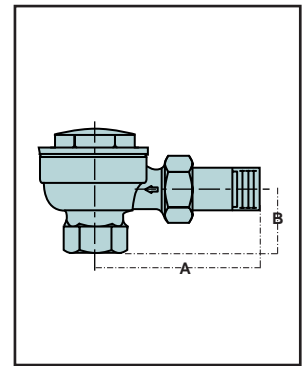
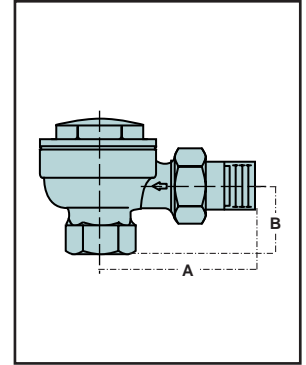
Series 17C Balanced Pressure **BEAR TRAP®**

The Series 17C Balanced Pressure Thermostatic Steam Traps are for institutional, commercial and residential heating system applications such as schools, hospitals, apartment buildings, homes or others where low or moderate water hammer may occur.

- Subcooling for extremely efficient system operation and elimination of flash steam losses on low pressure systems
- Sizes available:
  - 1/2" (15mm) NPT Angle, Vertical
- Replaceable Dura-Stat® module
- 3-Year Warranty
- Meets Mil specification WW-T-696-E Type V, Style A, Class 1 and 2
- Stainless steel components
- Resistant to moderate water hammer and chemical attack
- Maximum operating pressure 25 psig (1.7 bar)

**Dimensions, in. (mm)**

Model	Pattern	NPT Size	A	B	C
17C	Angle (w/short nipple)	1/2 (15)	2 <sup>27</sup> / <sub>32</sub> (72)	1 <sup>1</sup> / <sub>4</sub> (32)	—
17C	Angle	1/2 (15)	3 <sup>1</sup> / <sub>4</sub> (83)	1 <sup>1</sup> / <sub>4</sub> (32)	—
17C	Vertical	1/2 (15)	4 <sup>23</sup> / <sub>32</sub> (120)	—	2 <sup>1</sup> / <sub>8</sub> (54)
17C	Swivel	1/2 (15)	3 <sup>1</sup> / <sub>4</sub> (83)	1 <sup>5</sup> / <sub>16</sub> (24)	1 <sup>13</sup> / <sub>16</sub> (54)



## Thermostatic Steam Traps

### Series 17C Balanced Pressure (continued)

#### Gross Ratings

Series	Differential Across Trap psi (bar)								
	¼ (.017)	½ (.034)	1 (.069)	1½ (.10)	2 (.14)	5 (.35)	10 (.7)	15 (1.0)	25 (1.7)
17C	Capacity lb/hr (kg/hr)								
	42 (19)	51 (23)	63 (29)	72 (33)	77 (35)	102 (46)	125 (57)	140 (64)	162 (73)

Series 17C capacities are based on 40° F (22°C) subcooling. Cold capacity is approximately 4 times capacity shown.

#### SHEMA

Series	Differential Across Trap psi								
	¼	½	1	1½	2	5	10	15	25
17C	Capacity sq. ft. EDR*								
	85	120	165	200	235	370	530	640	800

\* Ratings are in accordance with recommended standards established by the Steam Heating Equipment Manufacturers association (SHEMA).

1 sq. ft. EDR is equivalent to a heat emission of 240 BTU per hour with 2 psig steam filling a radiator surrounded by 70° F ambient air.

To convert sq. ft. EDR to lbs. of condensate, or steam per hour, divide the sq. ft. rating by 4.

#### Ordering Information

Model Number	Part Number	NPT Size in. (mm)	Differential Pressure psi (bar)	Weight lbs (kg)
17C Angle (w/short nipple)	401542	½ (15)	25 (1.7)	1.2 (.54)
17C Angle	401536	½ (15)	25 (1.7)	1.2 (.54)
17C Vertical	401551	½ (15)	25 (1.7)	1.4 (.64)
17C Swivel	401545	½ (15)	25 (1.7)	1.2 (.54)