

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

AIR PURGER

T-80

Designed to separate trapped air from the water within a closed-loop hydronic heating system.

The uni-directional flow design with integral baffle and raised-dome chamber, consistently removes air under varying flow conditions.

Heavy-pattern cast iron construction is pipe-tapped at the top and bottom, to accept an air vent* and expansion tank.

Available in FNPT nominal sizes 1" to 2".

*Legend automatic hot water air vent Models T-70 or T-73 recommended.

Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 125 psi
Saturated steam (WSP): Not for use with steam.
Maximum Service Temp: 275°F

MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1 Body	Cast iron	ASTM A126 Class B

DIMENSIONS - INCHES

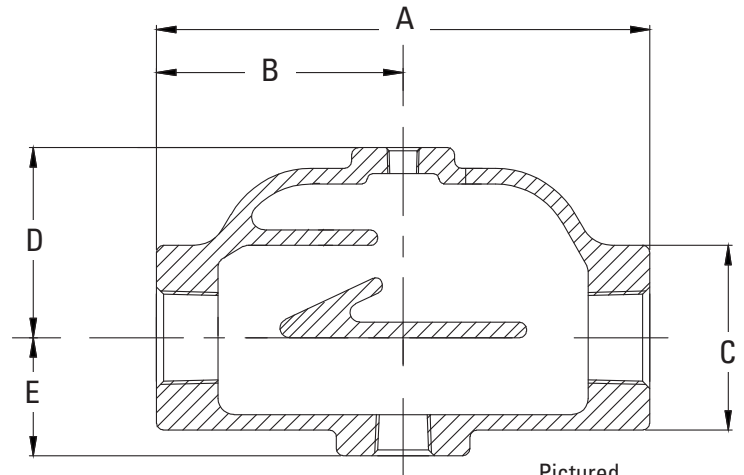
Nominal Size: NPT	A	B	C	D	E	F	G	H
1" FNPT x FNPT	6.00	3.00	2.25	2.31	1.44	3.75	1.25	1.63
1-1/4" FNPT x FNPT	6.00	3.00	2.25	2.31	1.44	3.75	1.25	1.63
1-1/2" FNPT x FNPT	8.00	4.00	3.25	2.94	1.94	4.88	1.12	1.61
2" FNPT x FNPT	8.00	4.00	3.25	2.94	1.94	4.88	1.38	1.61

Nominal Size: NPT	Vent Tapping-Top	Expansion Tank Tapping-Bottom
1" FNPT x FNPT	1/8" FNPT	1/2" FNPT
1-1/4" FNPT x FNPT	1/8" FNPT	1/2" FNPT
1-1/2" FNPT x FNPT	1/8" FNPT	1/2" FNPT
2" FNPT x FNPT	1/2" FNPT	1/2" FNPT

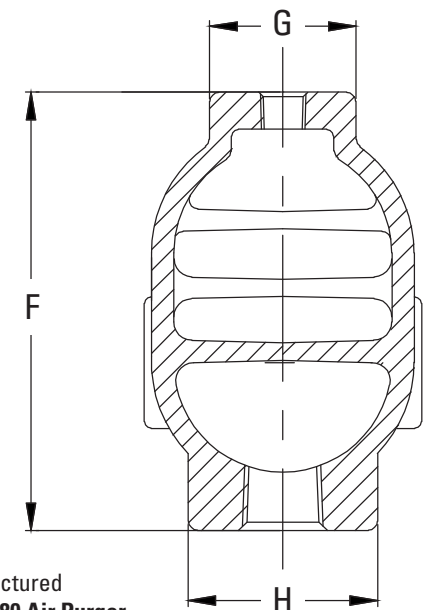


Pictured
T-80 Air Purger

- All connections comply with:
ANSI / ASME B1.20.1
- Manufactured in an ISO accredited facility.



Pictured
T-80 Air Purger
Cut-away side view



Pictured
T-80 Air Purger
Cut-away end view