



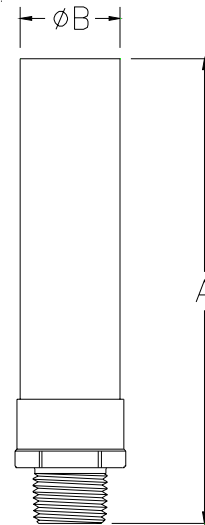
Z1705

PISTON TYPE WATER HAMMER ARRESTOR

SPECIFICATION SHEET

TAG _____

Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice



PDI SIZE	MIPS THD.	DIMENSIONS (approximate)		AIR CHAMBER VOLUME In. ³ [Cent. ³]	FIXTURE UNIT CAPACITY
		A	B		
A	1/2 [15]	5 1/4 [133]	1 1/8 [29]	3.5 [57.35]	1-11
B	3/4 [20]	5 [127]	1 3/8 [35]	4.3 [70.46]	12-32
C	1 [25]	7 [178]	1 3/8 [35]	6.5 [106.51]	33-60
D	1 [25]	7 [178]	1 3/8 [35]	10 [163.87]	61-113
E	1 [25]	9 [229]	2 1/8 [54]	22.36 [366.41]	114-154
F	1 [25]	10 1/2 [267]	2 1/8 [54]	34.4 [563.71]	155-330

ENGINEERING SPECIFICATION: ZURN Z1705 Piston Type Water Hammer Arrestor. Consists of a copper body with a brass hexagonal male pipe threaded inlet, an acetal or brass piston with Buna N o-rings and lead free solder. The arrestor is pre-charged and sealed at the factory.

APPLICATION

Designed to protect residential, commercial and industrial water lines during pressure surges following quick valve closure. This excessive pressure surge is absorbed by the pre-charged cushion of air permanently sealed within the water hammer arrestor.

STANDARDS COMPLIANCE

- ASSE ® Listed 1010
- ANSI A112.26.1

PRESSURE

Maximum transient pressure, surge with arrestor properly sized and placed in the water supply system, will not rise above 150 psi following quick valve closure. Maximum static pressure: 150 psi. For best performance, static line pressure should not exceed 85 psi; contact the factory for proper sizing if static pressure is greater.

MATERIALS

Body- Copper Tube (Seamless, Type "L")
 Tailpiece- Brass, ASTM B 16
 Piston- Acetal (NFS Listed) or Brass
 O-Rings- Buna N (FDA Approved)
 Solder- Lead Free

FEATURES

Temperature Range- 33° F to 180° F
 End Connections- Threaded ANSI/ASME B1.20.1

REV. A DATE: 9/26/03 C.N. NO. 91332

DWG. NO. 65262 PRODUCT NO. Z1705

*REGULARLY FURNISHED UNLESS OTHERWISE SPECIFIED