

SPECIFICATIONS

FIGURE 10P & 11P
PIPING PRODUCTS



WATER HAMMER ARRESTORS FOR NON-POTABLE APPLICATIONS

FNW water hammer arrestors are engineered devices that provide maintenance-free continuous protection against water hammer. Water hammer is a hydraulic shock wave generated within a water distribution system due to a sudden stop in water flow. If allowed to exist for any length of time, water hammer can cause pipes to rattle, is capable of bursting pipes or can damage other components within the system. When installed properly, there is an unobstructed shock path to the arrestor that is absorbed by a piston-driven and isolated cushion of air.

FEATURES

- Max Static (Working) Pressure: 150 psi
- Max Spike Pressure: 350 psi
- Temperature: 33°F to 180°F (0.6°C to 82°C)
- End Connection: NPT (10P), CxC (11P)
- For commercial and residential systems (non-potable)
- Designed for vertical or horizontal installation (not to be installed in the inverted position)
- Can be installed in systems without need for access panels*

*Always check local plumbing codes to determine if access panels are required. Sweat version not to be used in conjunction with copper propress system due to brass connection.

PRODUCT SPECIFICATIONS

Standards

- ASSE Standard 1010
- IAPMO Listed (cUPC)



Low-Lead Compliant: Referring to laws defining "Lead-Free" as wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content ≤ 0.25% per the Safe Drinking Water Act (Sec. 1417) amended 1-4-2011 as well as other state regulations.

SIZING/PDI FIXTURE UNITS**

Size	PDI Size Code		PDI Fixture Units
	10P	11P	
1/2"	A	A	1–11
3/4"	B	B	12–32
1"	C	C	33–60
1-1/4"	D	D	61–113
1-1/2"	E	—	114–154
2"	F	—	155–330

**As outlined in The Plumbing and Drainage Institute Standard PDI-WH 201. See the FNW water hammer arrestor IOM for more details.

FIGURE NUMBER MATRIX

FNW		END	SIZE
END TYPE		SIZE CODE	
Male NPT (1/2" to 2") = 10P		1/2 = 500	
		3/4 = 750	
Copper Sweat (1/2" to 1-1/4") = 11P		1 = 1000	
		1-1/4 = 1250	
		1-1/2 = 1500	
		2 = 2000	

FIGURE 10P & 11P
PIPING PRODUCTS



WATER HAMMER ARRESTORS FOR NON-POTABLE APPLICATIONS

FIG. 10P

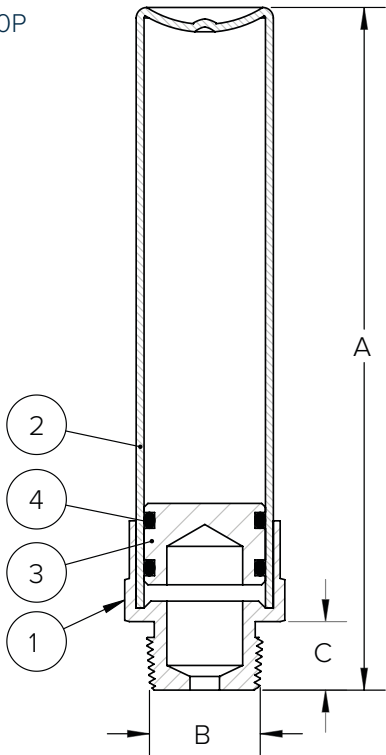
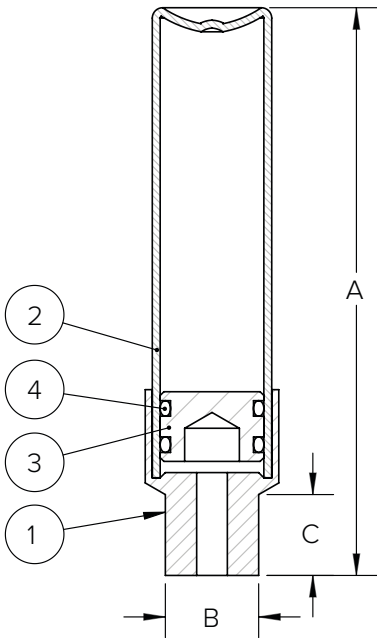


FIG. 11P



STANDARD MATERIALS

Ref. No.	Description	Material	Qty
1	Body	Brass, JIS 3604	1
2	Cylinder	Copper C12200	1
3	Piston	PP+30% Fiber	1
4	O-Ring	EPDM	2

DIMENSIONS (INCHES)

Size	Fig. 10P			Fig. 11P		
	A	B (NPT)	C	A	B	C
1/2	4.75	1/2-14	0.63	4.96	0.625	0.72
3/4	5.37	3/4-14	0.65	5.57	0.875	0.80
1	6.70	1-11-1/2	0.74	6.85	1.125	0.98
1-1/4	8.20	1-1/4-11-1/2	0.88	8.30	1.375	1.10
1-1/2	9.40	1-1/2-11-1/2	0.94	—	—	—
2	9.40	2-11-1/2	0.94	—	—	—