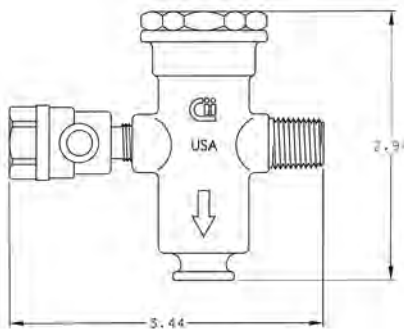
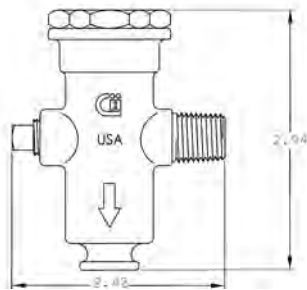


BACKFLOW PREVENTION CATALOG



Freeze Protection Valve

FPV SERIES



FREEZE PROTECTION VALVE

The Apollo Series FPV Freeze Protection Valve protects backflow preventers from freezing when installed in accordance with manufacturer's instructions. All internal parts of the Freeze Protection Valve are replaceable.

OPERATION

During flow conditions, the Freeze Protection Valve shall be drip-tight during above-freezing normal operating conditions. The Freeze Protection Valve shall be suitable for normal operating pressures of 20 to 175 psig.

FEATURES

- Installs easily on all backflow preventers
- Ease of repair with available repair kit
- 175 psig maximum operating pressure
- Corrosion resistant
- 1/4" male pipe thread inlet port
- Available with 1/8" male x 1/4" female test cock
- Discharge port accommodates 5/8" I.D. hose
- **Lead-Free** option
- Mechanical operating principle
- Nominal start to open temperature of 35°F
- Maximum temperature of 180°F
- Compact design
- Patented design
- IAPMO listed
- US patent #6,374,849
- 5 year, domestic warranty

MATERIALS

Part	Material
Body	Bronze (C84400 / LF C89836)
Cap	Brass
Spring Guide	Brass
Spring	Stainless Steel
Cap O-Ring	Buna-N
Guide O-Ring	Buna-N
Thermal Element	Copper/Stainless Steel/EPDM

Contact local water authorities for installation/service requirements.

DIMENSIONS

Net Weight Each	Lbs.
Model 40-000-FPV1	.70
Model 40-000-FPV2	.77

MODEL NUMBERS

- Model 40-000-FPV1
- Model 40-000-FPV2 – w/test cock
- Model 40LF-000-FPV1
- Model 40LF-000-FPV2F – w/SAE test cock

FACTORY CODE

40 [X] 000	FPV X
	OPTIONS
40 = Standard	1 = w/1/8" NPT plug
40LF = Lead Free	2 = w/1/8" male x 1/4" female test cock
	2F = SAE test cock
	R = Repair kit* for FPV1 and FPV2

* Repair kit includes: Thermal element, spring, spring guide, two O-rings (all internal parts)