

BACKFLOW PREVENTERS AVB1/AVB2 SERIES

Vacuum Breaker Backflow Preventers AVB1(38-100) AVB2(38-200)Series

Atmospheric Type Vacuum Breakers

The Apollo Series Atmospheric Type Vacuum Breakers are designed to prevent back-siphonage of polluted water into a potable water system. They should only be installed in areas where spillage of water could not cause damage and where it can be accessible for periodic maintenance. These devices are not designed for continuous pressure application. Should be installed a minimum of 6" above all downstream piping with no downstream shutoffs.

OPERATION

During flow conditions, the flow of water lifts the float disc and seals the atmospheric vent at all rates of flow, preventing leakage. When a negative pressure is created at the supply line or when the water supply valve upstream of the device is closed, the float disc will fall, thus opening the atmospheric vent. This prevents back-siphonage and creation of vacuum at the discharge line.

SUFFIX	
NO.	FINISH
01	Rough Brass
03	Rough Chrome
04	Polished Brass (AVB1)
06	Polished Chrome (AVB2)
N	n shape (AVB2)



AVB1
Sizes 1/4", 3/8", 1/2", 3/4", 1",
1-1/4, 1-1/2", 2"



AVB2
Sizes 1/4", 3/8", 1/2", 3/4"

MATERIALS	
Valve Body (AVB1)	Cast Bronze
Valve Body (AVB2)	Forged Brass
Seat Disc	Silicone
Float & Gasket	Polypropylene
Canopy	Chrome-plated Steel
Screw	Zinc-plated Steel

Contact local water authorities for
installation/service requirements.

See Backflow Catalog for
dimensions and flow curves

FEATURES

- Corrosion resistant
- Bronze body (AVB1)
- Forged body (AVB2)
- Suitable for hot or cold water service:
(up to 212°F at 125 psig) for up to 1"
(up to 180°F at 125 psig) for 1-1/4"
thru 2"
- Lead-Free¹ option on AVB1/38-100
Series
- Heat resistant silicone seat disc
- Rough brass, rough chrome, or
polished chrome finish
- Easy to maintain
- Compact and lightweight
- Durable
- ASSE1001