

**HBV SERIES**

**3/4" HOSE CONNECTION VACUUM BREAKER BACKFLOW PREVENTER**



**3/4" APOLLO INTERNATIONAL™ (OPTIONAL SATIN CHROME FINISH SHOWN)**

The Apollo® HBV Hose Connection Vacuum Breakers are designed to prevent cross-connection caused by back-siphonage. They consist of a single check valve with atmospheric vacuum breaker vent. They feature a break-away set-screw for tamper-proof protection. They are not suitable for continuous pressure applications.

**OPERATION**

At no flow situations, the check disc seats against the diaphragm with the atmospheric vent open. This prevents back-siphonage or backflow of water. At flow conditions, the spring-loaded check disc opens, thus allowing flow of water through the device and at the same time the diaphragm seals the atmospheric vent.

**INSTALLATION**

It should only be installed in areas where spillage of water could not cause damage. For permanent installation, screw device directly into faucet, firmly hand tighten and turn set-screw in until head breaks off.

**PERFORMANCE RATING**

- Maximum Working Pressure: 125 psig
- Maximum Temperature: 180° F

**APPROVALS**

- ASSE 1011
- CSA B64.2
- IAPMO

**DIMENSIONS**

PART NO.	MODEL NO.	FINISH	WT./EA
38LF-314-AS	HBVLF234	Satin Brass	.17
38LF-314-CS	HBVLCF234	Satin Chrome	.17

*38LF-314 shipped in 12 pcs./box*

**HBVB SERIES**

**3/4" FREEZE RESISTANT HOSE CONNECTION VACUUM BREAKER**



**3/4" APOLLO INTERNATIONAL™**

The Apollo® Series HBVB Freeze Resistant Hose Connection Vacuum Breaker is especially designed to prevent back-siphonage on wall and yard hydrants. It features a break-away set-screw for tamper-proof protection and automatic drain for protection against freezing conditions when hose is removed. It is not suitable for continuous pressure applications.

**OPERATION**

The principle of operation is similar to the HCVB Series except it has an automatic draining feature. When the hose is removed, the internal mechanism opens to drain water from the unit and the hose bibb to help prevent water from freezing inside the unit.

**INSTALLATION**

It should only be installed in areas where spillage of water could not cause damage. For permanent installation, screw device directly into faucet, firmly hand tighten and turn set-screw in until head breaks off.

**PERFORMANCE RATING**

- Maximum Working Pressure: 125 psig
- Maximum Temperature: 180° F

**APPROVALS**

- ASSE 1011

**DIMENSIONS**

PART NO.	MODEL NO.	FINISH	WT./EA
38LF-414-AS	HBVBLF2	Satin Brass	.37

BACKFLOW PREVENTION