

# "Apollo" Valves

EXP. NO.	SCALE: 1:1	DRN: BF	DATE: 8/29/91	CHKD: WGH	APP'D: GDG	NO. I-2746-00	REV. K
NAME: INSTRUCTION SHEET, AVB1 & AVB1LF (H)							
MAT'L: WHITE PAPER							

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REV.	CHANGE DESCRIPTION	ECN NO.	BY	DATE
K	UPDATED PICTURE AND ADDED NEW PROP 65 WARNING	M16975	DRP	06/18/18

NOTE:  
1. SEE WORD DOCUMENT OF I-2746-00 FOR DETAIL VIEW.

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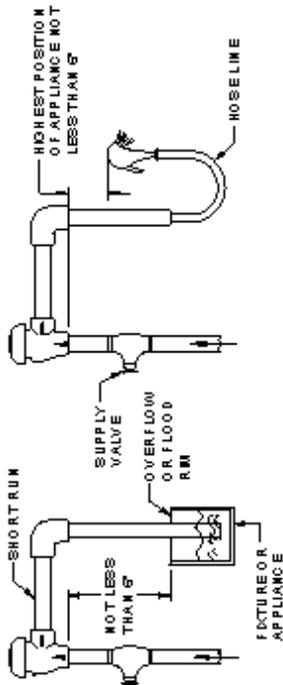
## "Apollo" Valves

### AVB1 (38-100) & AVB1LF (38LF-100) ATMOSPHERIC TYPE VACUUM BREAKERS

The Apollo® Models AVB1 (38-100) and AVB1LF (38LF-100) Atmospheric Type Vacuum Breakers incorporate an atmospheric vent in combination with a check valve to prevent contamination of potable water due to back-siphonage. The flow of water through the inlet orifice of the vacuum breaker lifts the float, sealing the atmospheric vent and supplying water to downstream equipment. If a negative pressure develops in the supply line, the float will drop simultaneously sealing the inlet orifice and opening the atmospheric vent to admitting air into the system thus breaking the vacuum.

#### INSTALLATION INSTRUCTIONS

The Atmospheric Type Vacuum Breaker should be installed with the bottom of the body at least 6" above the flood rim of the fixture or appliance (see illustration). When a portable appliance is used, the vacuum breaker should be installed at least 6" above the highest point to which the portable appliance can be raised. This device is not designed for back pressure conditions or continuous pressure applications of more than 12 hours in a 24 hours period.



#### MAINTENANCE INSTRUCTIONS

Since Atmospheric Type Vacuum Breakers are subject to normal maintenance and replacement, they should be located where emergency water spillage will not create a problem and where they can be accessible for inspection or servicing. To repair a vacuum breaker, remove the screw, nameplate and cover. Then unscrew the cap. Replace the gasket, float and seat disc with components from repair kits. Lastly, retighten the cap and replace the cover, nameplate and screw.

#### AVB1 (38-100) & AVB1LF (38LF-100) REPAIR KITS

KIT NO.	SIZE	KIT COMPONENTS
38-003-01	1/4	Seat Disc, Gasket & Float
38-003-01	3/8	Seat Disc, Gasket & Float
38-003-01	1/2	Seat Disc, Gasket & Float
38-004-01	3/4	Seat Disc, Gasket & Float
38-005-01	1	Seat Disc, Gasket & Float
38-008-01	1-1/4	Seat Disc, O-Ring & Float
38-008-01	1-1/2	Seat Disc, O-Ring & Float
38-008-01	2	Seat Disc, O-Ring & Float



**CALIFORNIA PROP 65: WARNING:** Cancer and Reproductive Harm – [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**FOR NON-LEAD FREE VALVES,** it is illegal to use this product in the United States for potable water services (water intended for human consumption).

I-2746-00\_Rev. K

[www.apollovalves.com](http://www.apollovalves.com)

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