



1 APPROVED SPILL-RESISTANT VACUUM BREAKER ASSEMBLY INCLUDING FACTORY SUPPLIED SHUT-OFF VALVES: AS LISTED ON THE CURRENTLY APPROVED BACKFLOW PREVENTION ASSEMBLIES LIST SPECIFIED BY OREGON HEALTH AUTHORITY.

PLUMBING FROM THE CONNECTION TO POTABLE WATER SUPPLY LINE TO THE ASSEMBLY REQUIRES A PLUMBING PERMIT AND MUST BE INSPECTED BEFORE COVERING.

AN INITIAL TEST PERFORMED BY A STATE CERTIFIED BACKFLOW ASSEMBLY TESTER IS REQUIRED AT THE TIME OF INSTALLATION, AT LEAST ANNUALLY THEREAFTER OR MORE FREQUENTLY AS REQUIRED BY WATER SUPPLIER.

COPIES OF COMPLETED TEST REPORT SHALL BE FURNISHED TO:

1. THE OWNER
2. THE WATER SUPPLIER, EWEB
3. THE BUILDING OFFICIAL

CITY OF EUGENE BUILDING AND PERMITS REVIEW - SR

FUNC	BY	CHK	APP
DES	SLW		SLW
DWN	RS		SLW
SPONSOR		SLW	
DATE: 01/01/95			

WATER STANDARDS
REGIONAL DESIGN STANDARDS

SPILL-RESISTANT VACUUM BREAKER ASSEMBLY

EUGENE WATER & ELECTRIC BOARD - EUGENE, OREGON

SCALE: NTS

REV DATE	BY	CHK	APP
05/21/09	ESR		

REMOVED SUB & RWD

DWG NO	REV
WD6-6.4500	4
1 of 2	

NOTES:

1. SPILL-RESISTANT VACUUM BREAKER ASSEMBLY (SVB) SHALL BE INSTALLED IN AN UPRIGHT POSITION AND A MINIMUM OF 12" ABOVE THE HIGHEST PIPING THAT IT SERVES.
2. ALL CLEARANCES PICTURED APPLY TO OUTSIDE OR IN-BUILDING INSTALLATIONS.
3. IF THE SVB IS INSTALLED OUTSIDE AN ASSEMBLY ENCLOSURE IS REQUIRED.
4. SVB SHALL BE PROTECTED FROM FREEZING. SVB ENCLOSURE SHALL INCLUDE INSULATION AND/OR HEAT SOURCE.
 - a. CLEARANCES MAY BE WAIVED IF ENTIRE ENCLOSURE CAN BE REMOVED FOR TESTING AND MAINTENANCE ACCESS.
5. SVB ENCLOSURE SHALL INCLUDE A BORE-SIGHTED DRAIN TO DAYLIGHT CAPABLE OF DRAINING A FULL AIR INLET DISCHARGE PER OPSC TABLE 7-4 (LENGTH OF DRAIN TO BE APPROVED BY EWEB).
6. COMPACTED GRAVEL OR UNDISTURBED BASE.
7. A DOOR OR OTHER ACCESS SHALL BE PROVIDED.
8. FOR TESTING AND MAINTENANCE PURPOSES, SVB INSTALLED MORE THAN 5' ABOVE THE GROUND OR FLOOR LEVEL SHALL BE PROVIDED WITH A PERMANENT OSHA APPROVED PLATFORM.
9. INDOOR SVB INSTALLATION REQUIREMENT: FLOOR DRAIN TO SANITARY SEWER CAPABLE OF DRAINING A FULL AIR INLET DISCHARGE PER OPSC TABLE 7-4
10. NO CHEMICAL OR FERTILIZER MAY BE INTRODUCED THROUGH AN IRRIGATION SYSTEM EQUIPPED WITH SVB.
11. SVB SHALL NOT BE INSTALLED IN AN AREA WHERE FLOODING IS A POSSIBILITY.
12. SVB SHALL NOT BE INSTALLED WHERE DUSTY, CORROSIVE, OR TOXIC ATMOSPHERES ARE PRESENT.
13. SVB SHALL NOT BE SUBJECT TO BACKPRESSURE.
14. THERE MAY BE SHUTOFF VALVES DOWNSTREAM (ON THE DISCHARGE SIDE) OF THE SUB.

REFERENCE: OREGON PLUMBING SPECIALTY CODE, CHAPTER 6 WATER SUPPLY AND DISTRIBUTION, 603.4.6.3; 603.4.6.4; 603.3.3; 603.3.4; 603.3.8;
 REFERENCE: OREGON ADMINISTRATIVE RULES 333-061-0070 (5) (12) (15); 333-061-0071 (8)

CITY OF EUGENE BUILDING
AND PERMITS REVIEW - SR

FUNC	BY	CHK	APP	WATER STANDARDS REGIONAL DESIGN STANDARDS SPILL-RESISTANT VACUUM BREAKER ASSEMBLY EUGENE WATER & ELECTRIC BOARD - EUGENE, OREGON	SCALE: NTS			
DES	SLW		SLW		REV DATE	BY	CHK	APP
DWN	RS		SLW		4/6/17	PWR		
SPONSOR		SLW			UPDATE NOTES			
DATE: 01/01/95					DWG NO			REV
				WD6-6.4500			4	
				2 of 2				