



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

STAINLESS STEEL COMBINATION AIR VENT-VACUUM BREAKER



FIGURE NO. AVVB-S20

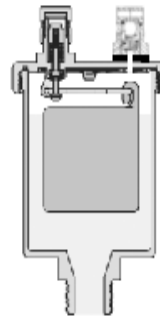
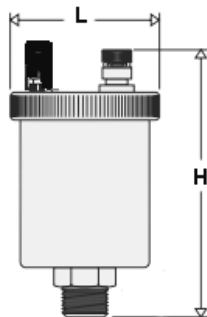
316 SS AIR VENT-VACUUM BREAKER

- * **THREADED END :** BSPT,
- * **Screwed Cap :** Allows inspection for maintenance
- * **SIZE RANGE:** 10nb to 25nb (3/8" to 1")
- * **Materials:** ASTM A351-CF8M body / lid and float

- ***Max Intermittent Temperature : 200 Deg C**
- ***Max Cold Working Pressure : 20 Bar (290PSI)**
- ***A general purpose combination Air Vent / Vacuum Breaker eliminates air in tanks, and piping on liquid service such as HVAC applications, solar heating, potable water, hot water, light oils etc. whilst alleviating vacuum conditions in systems until the system equalises thus allowing the flow of liquids in closed systems. The old saying it sucks and blows. Closed loop systems traditionally used separate valves to do this job. Being Stainless steel they offer superior corrosion resistance and resist contamination over traditional brass units on potable water service. The threaded cap allows for flow adjustment and there is an internal strainer element. Air vents and vacuum breakers are installed vertically at high points on systems connected with an isolation valve.**

Note: These units have been available in chrome plated brass however with new potable water compliance requirements in relation to Brass materials depending on the authority area you may have to use stainless

Some systems may only require an air vent. In this instance refer to the AV-S20 unit.



DIMENSIONS

SIZE		L	H
MM	IN		
10	3/8"	50	85
15	1/2"	50	87
20	3/4"	50	89
25	1"	50	92

MATERIAL LIST

NO	PART NAME	STAINLESS STEEL
1	BODY	ASTM A351 CF8M
2	LID	ASTM A351 CF8
3	FLOAT	T-316 STAINLESS STEEL
4	SEALS	FKM
5	STRAINER	304 STAINLESS.
6	CAPS	304 STAINLESS
7	SPRING	304 Stainless
8	BALL	304 STAINLESS

Uncontrolled document. Catalogue drawings are general arrangement only and could be subject to revision without notice. If technical details are critical refer VCS for certified drawings at time of order.

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