



The operating principle behind the automatic air vent is based upon hygroscopic discs inside the valve changing between their wet and dry mode.

The air can also be discharged by manually rotating the plastic handwheel by two turns. While in manual mode, the built-in check valve remains open and fluid will escape to atmosphere. After use in the mode, the handwheel should be closed down to return it to automatic mode.

Pressure/ Temperature Ratings:

MIN. 1.5 PSI - MAX 125 PSI / 230 Deg.

Note:

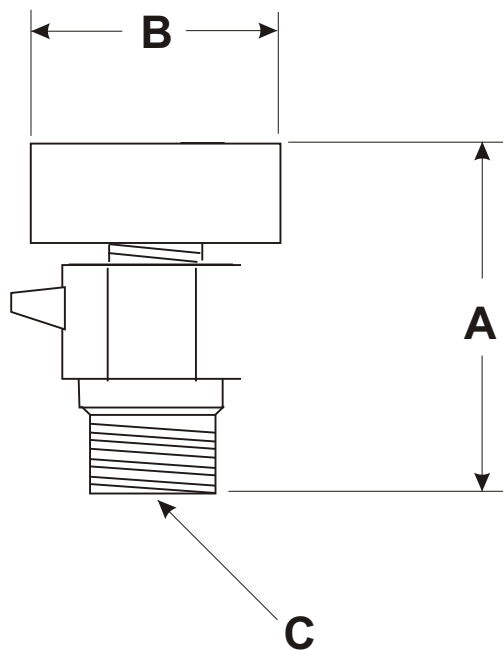
Operator care should be taken when venting as not to spill caustic or hot fluids on operator. Eye protection must be worn during any servicing. Installation of an additional 1/4" ball valve is recommended for positive manual shut off.

Dimensional Information & Material Specifications:

Model #	A	B	C
AAV-A	1.26	0.70	1/8" NPT
AAV-A1	1.26	0.70	1/4" NPT

Body:	CuZn40Pb2
Check Valve:	Stainless Steel
Seal:	EPDM
Hygroscopic discs:	Special Cellulose
Handwheel:	ABS

Note: Vents are tested with water at 100 PSI. Vent may be tested with air if moistened with water. For positive shut-off additional 1/4" ball valve is recommended.



Typical Specifications:

Furnish and install where indicated on plans **AAV-A & AAV-A1** automatic air vents as provided by **Hydronic Components, Inc.** on all return piping to be used during servicing of coil components where air may have accumulated in the coil itself.

JOB: _____ ENGINEER: _____
REP: _____ CONTRACTOR: _____