

Data Sheet

NEX-1AVA103

3/8" Auto Air



Materials

Body	Forged Brass
Connection	3/8"

Specifications

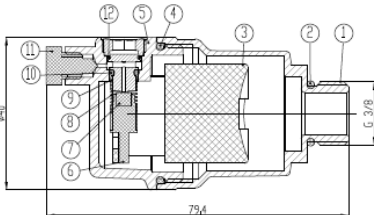
Type	Top vent
Colour	Brass
Operation	Air
Max Temp	110'c
Min Temp	0'c
Operating Pressure	10 bar

Dimensions

Height ex check valve	79.4
Diameter	40
Weight	160 grms
Bulk quantity	100

Intended Use

AAV's are designed for use in sealed heating systems to continually remove air during the initial filling and subsequent operation of the system. As water circulates around a sealed heating system, it begins to evaporate and separate. If the air is left within the system can cause noisy pipework, cold spots at the top of radiators and an overall decrease in system efficiency. AAV's eliminate these problems by allowing trapped air to escape the system without the need for constant manual venting of radiators. The AAV also benefits from being supplied with a check valve; enabling the AAV to be removed from the system without the need for time consuming drain down - making it the perfect choice for professional installations.



Requirement

- All soft seals are coated with vacuum silicone grease;
- When the valve rod rotates, the handle is stable without jamming;
- After 0.3MPa test, the exhaust can be ensured;
- After 0.6-0.8Mpa air pressure test, ensure no internal and external leakage.

12	O-ring	505-10-08	EPDM	1		Ø6x1	75 Shore
11	Plastic plug	505-10-05	PA66	1	0.6g		Black surface
10	O-ring	201-151-08	EPDM	1		Ø6x1.5	75 Shore
9	Exhaust head	505-10-05	HST-3	1	5.3g		Natural color
8	Spring	850-P-1-06	SS304	1	0.3g	Ø6. Top/Ø.35x1.5	Natural color
7	Solid gasket	850-P-1-12	Silica	1	0.1g	Ø4.5x1.5	65 Shore
6	Exhaust rod	850-P-1-05	PA66	1	0.3g		Black surface
5	Cap	505-10-02	HST-3	1	70g		Send chrome
4	O-ring	505-15-10	EPDM	1	0.4g	Ø8x2	75 Shore
3	Floating block	505-10-03	PP	1	12g		Black surface
2	O-ring	210PB-151-07	EPDM	1	0.3g	Ø12x2	75 Shore
1	Body	505-10-01	HST-3	1	70g	1/2"x1/2"	Send chrome