

# Data Sheet

## NEX-1AVA004



1/2" Auto Air Vent with Check



## Materials

Body	Forged Brass
Connection	1/2"

## 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	105.5
Diameter	47
Weight	218 grms
Bulk quantity	40

## 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**  
1. Apply silicone grease to all vacuum sealing parts.  
2. After 0.6-0.8mpa air pressure test, ensure no internal and external leakage.

10	Check valve assembly	504-018-07	HST-3	1	27.7g		Seal therising
9	Gas nozzle cap	504-15-05	HST-3	1	3.9g		Natural color
8	Cover	504-15-06	POM	1	7g		White
7	Cap	504-15-02	HST-3	1	44.5g	M4x1.5	Seal therising
6	Hollow gasket	504-15-09	Silica	1	0.1g	∅6x2.8	White
5	O-ring	504-15-08	EPDM	1	0.5g	∅4x2	70 Shore
4	Bracket	504-15-03	SUS	1	0.1g		Natural color
3	Lever	504-15-04	POM	1	1g		White
2	Float	504-15-07	PP	1	19g		Transparent color Seal therising
1	Body	504-018-01	HST-3	1	96g		Seal therising



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