

2" TRI-FUNCTION AIR VALVE

Air release, vent & vacuum valve – model ARV-KA-30 (PLASTIC)

Valve Function

The Avarus Valves model ARV-KA-30 tri-function air valve has 3 functions.

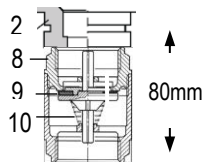
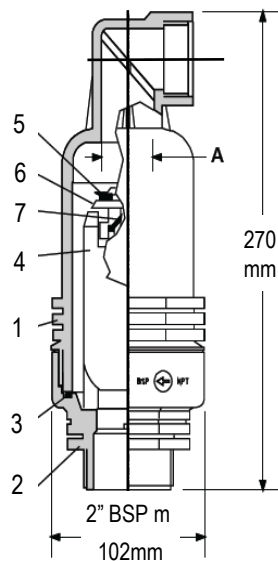
Function 1: The large orifice will vent large volumes of air from the system when it is being filled.

Function 2: The large orifice will allow large volumes of air to re-enter the system when being emptied.

Function 3: When function 1 is completed, the small orifice will automatically release any accumulation of air from the pressurised system.

Application

For potable or filtered water, working pressure 0.2 to 16 bar. Operating temperature -10 to +60°C, insulate at 0°C & below.

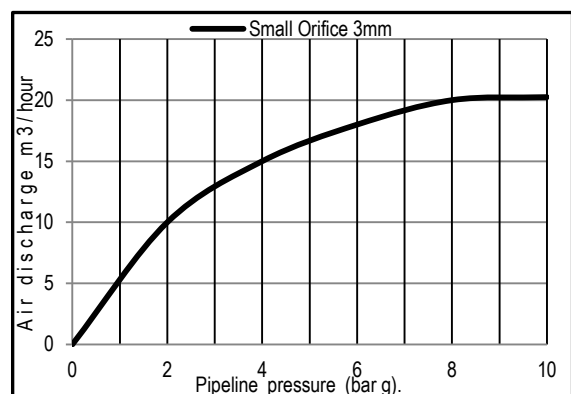
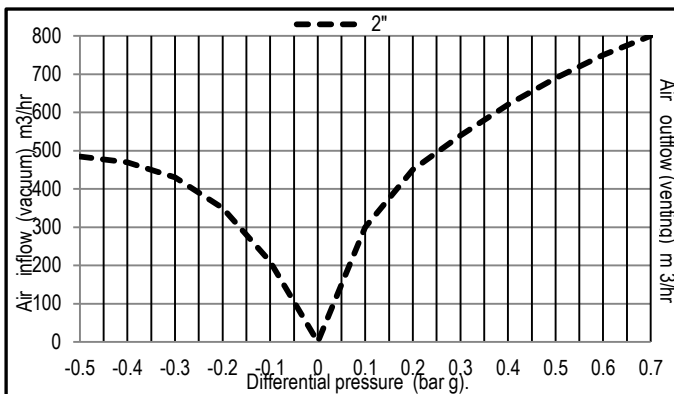


* Fitted with optional surge arrester.

#	Materials of Construction	
1	Body	GRP (UV resistant)
2	Base	GRP (UV resistant)
3	O-ring	Nitrile rubber
4	Large Orifice Float	Polypropylene
5	Large Orifice Seat	EPDM rubber
6	Small Orifice Float	GRP
7	Small Orifice Seat	EPDM rubber
8*	Surge Arrester	Brass (other materials on request)
9*	Surge Arrester Seat	Nitrile Rubber
10*	Surge Arrester Spring	302 Stainless steel
Unit Weight 1 kg		

Options

- Surge arrester – automatically reduces high venting velocity, therefore decreasing the pressure surge on valve closure.
- Isolation valve – it is recommended that air valves are fitted with an isolation valve.
- Adjustable throttle device – allows manual adjustment of the venting orifice size - can be easily be adjusted to suit whilst installed.
- Inflow check device – allows air venting only.
- Outflow check device – allows air inflow only (under vacuum).



If you have any questions please feel free to ask us!

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