

UNI-FLO 25mm AIR RELEASE AND VACUUM VALVES

COMBINATION AUTOMATIC AIR VALVE 25mm (Screwed Male BSP)

DESCRIPTION

This valve has been designed for efficient discharge of large air volumes from small water network systems, filters, containers and other devices where trapped air may impair the operation of the system.

The valve is appropriate for:

- Expelling air at high flow velocity during the initial filling of the systems.
- Introducing air when the pipe drains, maintaining atmospheric pressure in the pipe and preventing collapse and damage to the conduits.
- Relieves entrained air from the water while the network is pressurized.

PROPERTIES

Leak-proof sealing at all conditions, including low system pressure.
The aerodynamic design of the float provides air flow at a very high velocity but at the same time the float does not close before the water has reached the valve.
The valve design contains a limited number of parts allowing for easy dismantling should the need arise.

OPERATION

The air valve has three modes of operation

- Discharge of air during initial filling
- Introduction of air into the pipe causing the float to drop allowing air into the pipe avoiding pipe collapse.
- Releasing entrained air during operation.

DIMENSIONS

H	Height	135mm
W	Width	84mm
D	Threaded attachment	1" BSP
A	Nozzle Area	25mm ²
Weight		0.34kg

SPECIFICATIONS

PART NO.	DESCRIPTION	MATERIAL
1	Base	GRP
2	O-ring	NBR
3	Float	Polypropylene
4	Body	GRP
5	Valve seal	EPDM

