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UNI-FLO AIR RELEASE AND VACUUM VALVES

COMBINATION AUTOMATIC AIR VALVES 25mm AND 50mm - 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. Uni-Flo air valves can be used 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.

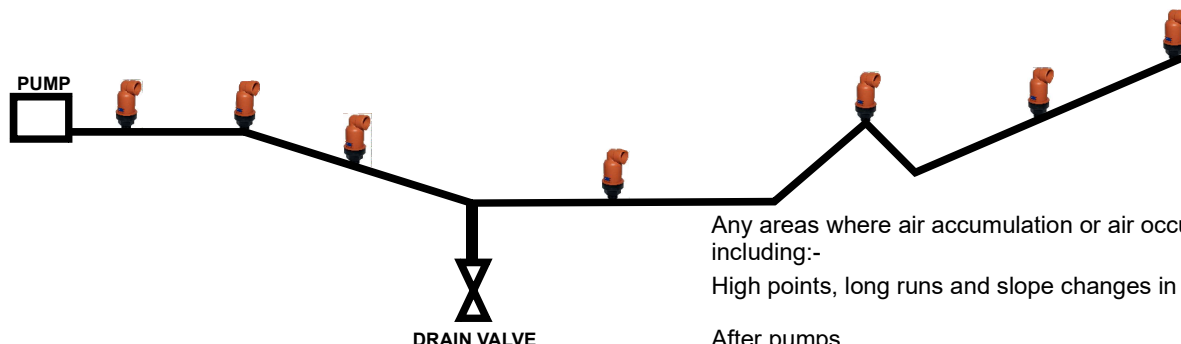
MATERIALS

| PART | MATERIAL |
|--------|---------------|
| Body | GRP |
| Base | GRP |
| Float | Polypropylene |
| O-Ring | EPDM |
| Seals | EPDM |

FEATURES

- 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.
- Threaded swivel outlet - BSP female.

AIR VALVE PLACEMENT



Any areas where air accumulation or air occurs in pipelines including:-

High points, long runs and slope changes in a pipeline.

After pumps

Tee's and elbows

TECHNICAL DATA

This will allow for full flow and will also offer protection against vacuum should the pump stop or the pipeline drains.

| DN | WORKING PRESSURE | MIN SEALING PRESSURE | MAX AIR OUTLET FLOW m ³ /h |
|----|------------------|----------------------|---------------------------------------|
| 25 | 10 Bar | 0.34 Bar | 280m ³ /h@0.34 Bar |
| 50 | 16 Bar | 0.34 Bar | 235m ³ /h@0.34 Bar |