



BLAZE



# Automatic Air Release Valve

Model : BT 5231

## Description:

The BT 5231 Automatic Air Release Valve is designed to automatically release trapped air from pressurised fire protection and water distributionsystems during normal operation. By continuously removing accumulated air, the valve helps maintain efficient water flow, reducespressure losses and protects the pipeline from air pockets.

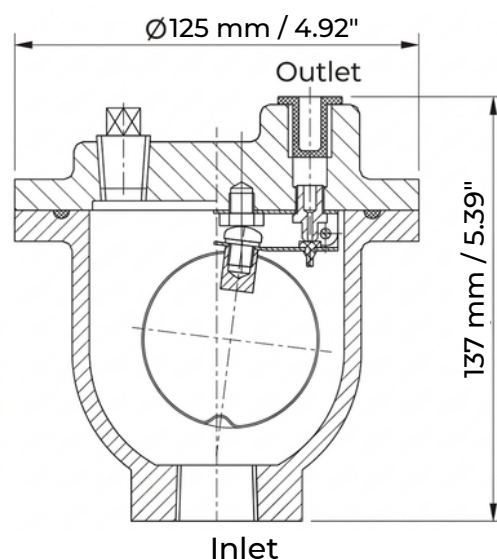
The valve incorporates a stainless steel float and lever mechanism that operates the discharge orifice under full pipeline pressure, providing reliable and maintenance-friendly performance.

## Specifications:

- Automatically releases trapped air during normal system operation.
- Compact and Lightweight design.
- Stainless Steel Float and Lever mechanism for reliable operation.
- Operates under full pipeline pressure.
- Maximum Working Pressure: 300 psi (20.7 bar).
- FM 1344 Approved
- Fusion Bonded Epoxy Coated Interior and Exterior to AWWA C550 Standard.
- Orifice Sizes : 1/16", 3/32"

## Material Specifications:

| No. | Part                | Material        | ASTM Specification  |
|-----|---------------------|-----------------|---------------------|
| 1   | Body                | Ductile Iron    | A536 Grade 65-45-12 |
| 2   | Cover               | Ductile Iron    | A536 Grade 65-45-12 |
| 3   | Lever Frame         | Stainless Steel | A276 Type 304       |
| 4   | Exhaust Nozzle      | Stainless Steel | A276 Type 304       |
| 5   | Exhaust Nozzle Seat | Rubber          | D2000 EPDM          |
| 6   | Float Ball          | Stainless Steel | A276 Type 304       |
| 7   | Ball Locator        | Stainless Steel | A276 Type 304       |
| 8   | Float Arm           | Stainless Steel | A276 Type 304       |
| 9   | Body / Cover Gasket | Rubber          | D2000 EPDM          |



## Dimensions :

| Order Code      | DN | Size | Inlet Size | Outlet Size |
|-----------------|----|------|------------|-------------|
| BT-5231-015-300 | 15 | 1/2" | 1/2"       | 1/2"        |
| BT-5231-020-300 | 20 | 3/4" | 3/4"       | 1/2"        |
| BT-5231-025-300 | 25 | 1"   | 1"         | 1/2"        |

**BLAZETECH SYSTEMS LTD.**

✉ [contact@blaze-tech.co.uk](mailto:contact@blaze-tech.co.uk)

Milton Keynes, United Kingdom



[www.blaze-tech.co.uk](http://www.blaze-tech.co.uk)

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