



Automatic Air Release Valve Fig.409

General Description

An air release valve is generally installed in a dry riser system but it can also be used in wet systems such as wet riser, automatic sprinkler and fire hose reel systems. The automatic air release valve adopts a simple 'ball float' operation located in the valve chamber. Air in the pipework is released through the vent hole when it is initially charged with water until the water reaches the ball chamber. The ball will then be pushed upwards to seal the vent hole.

Working Pressure

Max. working pressure 13.8 bar (200 psi)

Approvals

FM Approved

Specifications

Available Sizes	1/2", 3/4" and 1"
Available Connections	NPT, BSPT and BSPP



Material Specifications

Part No	Part Description	Material
1	Plug	Stainless Steel 304
2	Bonnet	Ductile Iron
3	Sealing Seat	Bronze
4	Sealing Washer	Viton/EPDM
5	Yoke	Stainless Steel
6	O-Ring	Viton/Steel
7	Pin	Stainless Steel 304
8	Arm	Stainless Steel 304
9	Sealing Plug	Viton
10	Bolt	Steel
11	Screw	Stainless Steel 304
12	Snap Ring	Stainless Steel 201
13	Ball	Stainless Steel 304
14	Body	Ductile Iron
15	Bolt	Steel
16	Spring Washer	Steel
17	Flat Washer	Steel

