

Glenfield

Water engineers to the world

Series 851 (1270) Double Orifice Air Relief Valve

Use	
For portable water to max. 70°C	

Tests	
Hydraulic tests:	
Seat: 1.1 x PN	Body: 1.5 x PN

Optional Extras	
Isolating Gate or Butterfly valve	Piped outlet connections Inflow check valve
Double, Triple or Quadruple cluster arrangements.	Vented non return valve (surge alleviation)
PN 25 version	Alternative materials

Applicable Standards
Inlet flange to BS EN1092-2:PN16

Materials of Construction	
Description	Material
Body	Ductile Iron BS EN 1563 EN-GJS 500/7
Cover	Ductile Iron BS EN 1563 EN-GJS 500/7
Cowl	Ductile Iron BS EN 1563 EN-GJS 500/7
Float (Large orifice)	Plastic ABS
Float Guides	Plastic ABS
Float & Lever	Plastic ABS
Seal Support Ring	Plastic ABS
Seals	EPDM WBS Listed
Fasteners	Stainless Steel 316 Grade A4



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SPECIFICATIONS

Series 851 (1270) Double Orifice Air Relief Valve

Component List

- | | |
|--------------------------|----------------------|
| 1. Body | 5. Float Guides |
| 2. Cover | 6. Float & Lever |
| 3. Cowl | 7. Seal Support Ring |
| 4. Float (Large orifice) | 8. Seals |

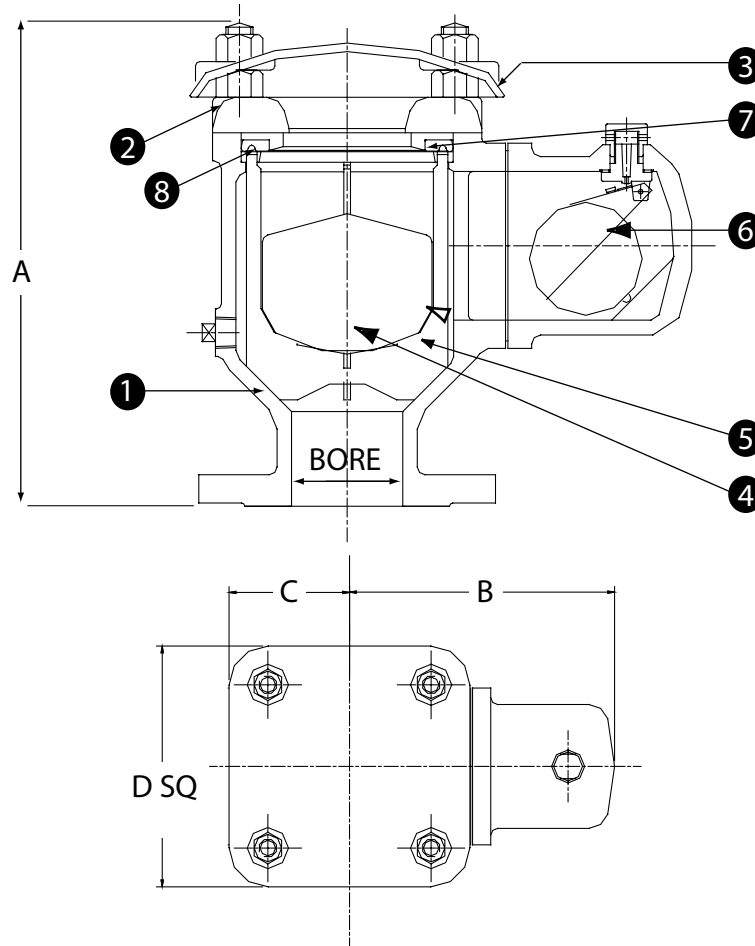


Fig. 1271 illustrated

Dimensions (mm)

Ref. Nos.	Fig	Pipe Size	Branch Size	A	B	C	D	Approx Weight (kg)
851-050-20122000		400	50	256	212	81	162	20.4
851-080-00122000		400	80	256	212	81	162	20.4
851-080-20122000	1271	600	80	327	239	111	222	31.7
851-100-20122000		900	100	410	259	146	292	51.7
851-150-20122000		1000	150	410	259	146	292	72.7
	1272 With Butterfly Valve Isolator	400	50	315	212	81	136	72.7
		400	80	340	212	81	157	28.6
		600	80	415	239	111	157	39.0
		900	100	500	259	146	177	66.7
		1000	150	500	259	146	177	74.3
	1273 With Gate Valve Isolator	400	50	435	519	300	311	87.6
		400	80	461	519	300	311	112.6
		600	80	532	549	300	311	112.6
		900	100	641	673	300	311	145.6
		1000	150	679	685	300	311	177.6