

# Serie F.700

## AUTO AIR VENT FLANGED

F.724



The automatic air vent series F.724 are installed in order to remove the air that accumulates in heating and air conditioning systems. Thanks to their functioning, without need of manual operation, they allow to avoid for certain and permanently harmful phenomena that could compromise the life and the performance of any systems. Especially, it is possible to limit the negative effect of galvanic corrosion (due to extreme presence of oxygen inside the piping) and cavitation. Moreover, these valves allow to optimize the heating and cooling power of each system, since they avoid the formation of air pockets inside radiators and fan-coil units.

### Application fields



WATER



CONDITIONING



INDUSTRY



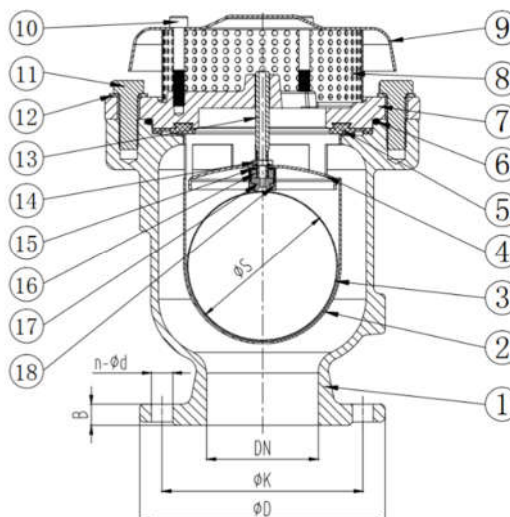
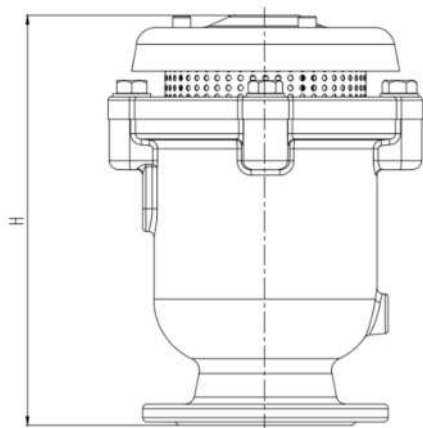
HEATING



FIRE FIGHTING



[www.flowsureglobal.com.tr](http://www.flowsureglobal.com.tr)



**Materials**

	Component	Material
1	Body	Ductile Iron
2	Bushing	Stainless Steel
3	Floating ball	Stainless Steel
4	Disc	Stainless Steel
5	Sealing Ring	EPDM
6	O Ring	NBR
7	Bonnet	Ductile Iron
8	Dustproof Screen	Stainless Steel
9	Dust Cover	Stainless Steel

	Component	Material
10	Screw	Carbon Steel
11	Bolt	Stainless Steel
12	Flat Washer	Stainless Steel
13	Guide Rod	Brass
14	Nut	Stainless Steel
15	O Ring	NBR
16	Lock Nut	Brass
17	Sealing Plug	SI
18	Sealing Sleeve	Brass

**Dimensions (mm)**

DN	50	65	80	100	150	200	250	300
D	165	185	200	220	285	340	405	460
K	125	145	160	180	240	295	355	410
n-Ød	4-Ø19	4-Ø19	8-Ø19	8-Ø19	8-Ø23	12-Ø23	12-Ø28	12-Ø28
B	19	19	19	19	19	20	22	24.5
H	305	305	330	370	450	500	685	780

**Instruction and Recommendations**

**STORING**

Keep in dry and closed place.

**INSTALLATION**

- Handle with care
- Such valves have to be installed in vertical position only, on top of each systems and, generally, where it is the evidence of air pockets' formation (distribution manifolds, riser pipes, etc.).
- The air flow of these valves raises in accordance to the working pressure of a system, up to reach a maximum figure when the pressure raises up to 6 bar.

**Certificates**



**Standards**

Design : TS 7817  
 Flange : EN 1092-2  
 Tests : TS EN 12266-1  
 Nominal Pressure: PN16  
 Temperature: 0 ~ 80°C