

## Air Release Valve

Model: TF-ARV

### NPT or BSPT Type

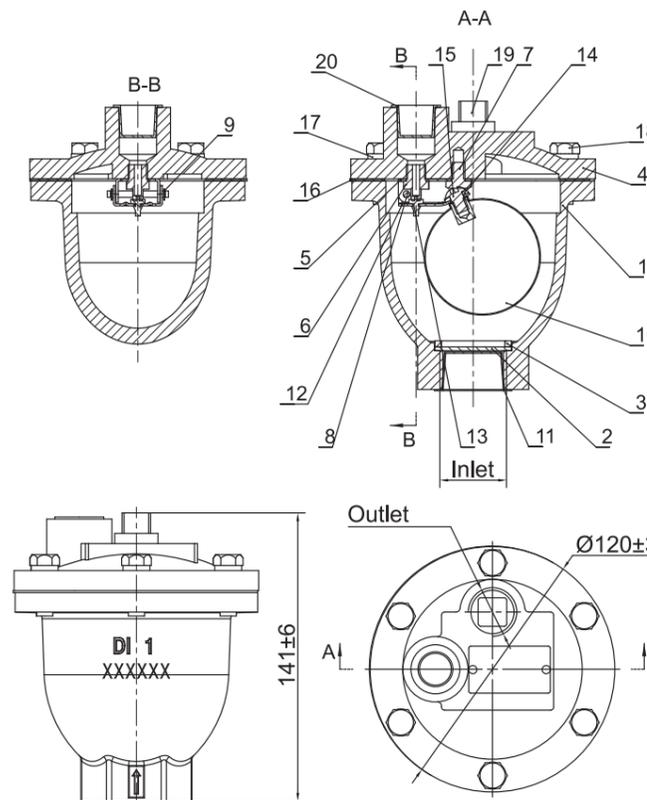
#### Technical Features

- Inlet Size: 1"
- The inlets of the valves are 1-11 1/2NPT or Rc 1, the outlets of the valves are 1/2-14NPT or Rc 1/2
- Design Standard: in accordance with UL 2573 / FM1344
- Test Standard: Pressure conforms to UL 2573 / FM1344
- Working Temperature Range: 0~100°C /32~212°F
- Working Pressure:175PSI
- Test Pressure: Leakage Test 7PSI / 263PSI, Strength Test 350PSI
- Advantages: This valve can ensure the excellent leak tightness and good venting capabilities under the rated working pressure.
- Application: Use in wet pipe sprinkler systems, or with horizontal split case pumps.



#### Valve Material List

S./N.	Description of Parts	Materials
1	Valve Body	Ductile Iron
2	Filter Screen	SS316
3	Gasket Ring	Carbon Steel
4	Bonnet	Ductile Iron
5	Yoke	SS316
6	Valve Seat	SS316
7	Bolt	SS316
8	Valve Shaft	SS316
9	E Type Retainer Ring	SS304
10	Ball	SS316
11	Large Protective Cover	Plastic
12	Lever	SS316
13	Poppet	EPDM
14	Spring Washer	SS316
15	Hex Socket Head Bolt	SS304
16	Asbestos-free Gasket	CN-705
17	Spring Washer	Carbon Steel
18	Bolt	Carbon Steel
19	Plug	Ductile Iron
20	Small Protective Cover	Plastic



#### Connections for Installation

- The inlet connections shall be made using the external threads of tapered pipe thread 1-11 1/2NPT conforming to the standard ASME B 1.20.1-2013, and the outlet connections shall be made using the external threads of tapered pipe thread 1/2-14NPT conforming to the standard ASME B 1.20.1-2013.
- The inlet connections shall be made using the external threads of tapered pipe thread Rc 1 conform to the standard ISO 7-1-1994, and the outlet connections shall be made using the external threads of tapered pipe thread Rc 1/2 conforming to the standard ISO 7-1-1994.