



TECHNICAL DATA

- Maximum working pressure : 16 bar
- Maximum working temperature: 0°C/+100°C
- Painting : Standard
- Flanged : EN 1092-2

SPECIFICATION

The deluge alarm valve system is widely used together with water supply pipe, smoke detector and electric cabinet. After a fire, it can instantly spray water like heavy rain. Covering the entire protected area. This system is suitable for places where the fire spread quickly, the fire load is heavy, the fire fierce.

MATERIAL

No.	Parts name	Materials
1	Body	Ductile iron
2	Automatic drain valve	Brass
3	Pipe	Galvanized steel
4	Ball valve	Copper
5	Check valve	Brass
6	Drive	
7	Pressure switch	Aluminum
8	Hydraulic alarm	
9	Filter	Brass
10	Pressure gauge	
11	Solenoid valve	Brass
12	Ball valve	Brass

DIMENSIONS

Size		D	d	K
DN	Inch			
80	3	200	138	160
100	4	220	158	180
125	5	250	188	210
150	6	285	212	240
200	8	340	268	295
250	10	405	320	355
300	12	460	378	410

STATEMENT:

The deluge alarm valve system is divided into a diaphragm chamber, a working chamber and a water inlet chamber by a main diaphragm. In the servo state, due to the difference in the upper and lower areas of the main diaphragm, a pressure difference is generated to ensure a good automatic sealing of the working chamber and the inlet chamber, and the main diaphragm separates the valve body into a working chamber and a water inlet chamber. When a fire occurs, the electric control box automatically opens the electromagnetic pressure relief valve the water pressure in the diaphragm chamber drops, the main diaphragm starts to open the deluge valve, and the water flows into the entire pipe system to spray water and put out fire (if the person on duty finds a fire, it can also be manually turned on quickly). Open the valve and start the deluge valve to put out the fire.