

# SHJD Deluge Valves



**tyco**  
Fire Protection Products

**MONSHER**  
(INDIA) SAFETY EQUIPMENTS PVT. LTD.  
We perform. You deliver.



When it comes to safety,  
we recommend a deluge.

Deluge valve device is a control valve which is activated with electric releases, dry or wet pilot, and manual emergency, to enable the water flow into the fire extinguishing system in one direction and give an alarm at the same time. It is widely used in the system of deluge, preaction, water screen and water mist.

Deluge valve device is activated by receiving the instruction from the fire detector (smoke or heat) and control system. There will be a change in the spot environment when there is a fire in the protected zone, such as temperature rise, smoke, etc. the fire detector system (fire detector, glass ball nozzle, etc.) is activated, or sends an instruction, and the linkage deluge valve opens, supplying the water to the system pipe network, and sending the sound and light warning signal simultaneously, to give an alarm, control the fire and extinguish the fire.

Note:

1. Deluge valve device should be installed upright.
2. The environment temperature of deluge valve device installation should be more than or equal to 5°; Wet pilot ones should not be used less than 4° and more than 70°.

ZSFG series deluge valve device has been approved by CCCF authentication (type ZSFG) and American FM authentication (type ZSFG/FM).

ZSFG Series Deluge Valve Device is mostly composed of deluge valve, solenoid valve (FM approved), pneumatic relief valve, manual emergency station, automatic drip valve, drainage ball valve, pressure gauge and alarm pipeline, etc.

Deluge valve

Rated working pressure: 1.6MPa;

Inlet/outlet connection screw thread: Rc1/2".

Water supply pressure (MPa) the air pressure (MPa)	0.14	0.28	0.41	0.56	0.69	0.83	0.97	1.105	1.205	1.40	1.60
DN100	0.14	0.16	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.41	0.462
DN150	0.14	0.16	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.41	0.462

### Structure dimension of deluge valve

Type	Nominal diameter (mm)	Max working pressure (Mpa)	Height of valve body (mm)	Outside diameter of flange (mm)	Screw hole pitch diameter of flange (mm)	Number of bolt (mm)	Diameter of bolt (mm)	Dimension
ZSFG100	100	1.6	340	215	180	8	16	660x420x530
ZSFG150	150	1.6	360	280	240	8	20	700x440x560
ZSFG200								