

WET ALARM VALVE





INSTANT PROTECTION:
INTRODUCING SIBCA'S
WET ALARM VALVE

INTRODUCTION

The wet alarm valve is designed for applications where the water is unlikely to freeze. The water staying pressurized in the pipes is released over the fire area after the sprinkler is activated due to fire. The pressurized water system is not only feed continuously, but also fills in the retard chamber. After the chamber is filled, the pressure switch on the chamber is actuated. The pressure switch sends the alarm information to the fire warning system or the automation system. After the pressure switch is actuated, the water is delivered to the water-motor gong and releases a mechanical alarm. They are used in wet line of sprinkler system, fire protection system.



GUARD
Fire Fighting Equipment Manufacturers

**OUR GOAL IS TO
ENHANCE GLOBAL
SAFETY**

To support SIBCA's vision of enhancing global safety, it has allotted a 40,000 square meter manufacturing facility with the state-of-the-art technology to meet global standards and requirements.

■ Focus on High Quality

SIBCA products have undergone rigorous certification and listing processes, receiving approval from esteemed organizations such as Underwriters Laboratories (UL) in the United States and the British Standards Institution (BSI) in Europe. Moreover, these products are manufactured adhering to stringent international quality and environmental management standards and requirements. This commitment ensures that SIBCA maintains consistently high levels of product excellence and sustainability throughout its manufacturing processes.

■ Cost Effective & Practical

SIBCA systems are pre-engineered and require minimal maintenance costs throughout certified product life. Their compact design makes them an ideal solution for even the most technically challenging projects.

■ Support & Expertise

SIBCA aligns its products with the latest information on fire engineering standards and applications, backed by worldwide support. SIBCA's extensive global distribution network consists of proficient and certified professionals who are prepared to handle the design, supply, installation, and maintenance of the complete range of SIBCA products.

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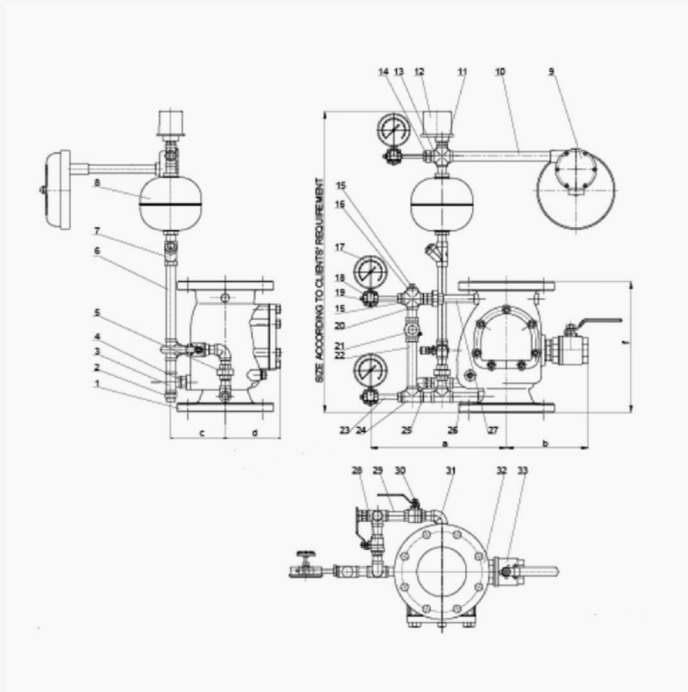
Technical Specifications

Model	GI-0461	GI-0462	GI-0463	GI-0464
Brand	SIBCA			
Approval	UL Listed			
Design Standard	UL 193			
Body Type	Globe			
Maximum Rated Pressure	300 PSI			
Working Temperature	4°C - 70°C			
End Configuration	Groove	Flange	Flange by Groove	Groove by Flange
Flange Standard	ASME/ANSI B16.1 Class 125, ASME/ANSI B16.42 Class 150, BS EN2-1092 PN16, BS EN2-1092 PN16			
Groove Standard	AWWA C606/ISO 12-6182			
Installation	Vertical			

General Information

Model	Nominal Size
GI-0461	2, 2-1/2, 65 mm, 3, 76.1 mm, 4, 5, 139.7 mm, 6, 165.1 mm, 8, 219.1 mm, 10, 12
GI-0462	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12
GI-0463	2, 2-1/2, 65 mm, 3, 76.1 mm, 4, 5, 139.7 mm, 6, 165.1 mm, 8, 219.1 mm, 10, 12
GI-0464	2, 2-1/2, 65 mm, 3, 76.1 mm, 4, 5, 139.7 mm, 6, 165.1 mm, 8, 219.1 mm, 10, 12

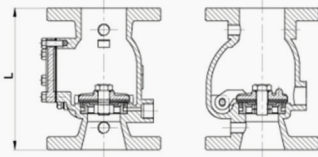
Material Specifications



Material Specifications

No.	Part Name	Qty	Material
1	Alarm Valve	1	Ductile Iron
2	Orifice, retard	2	C954/SS304
3	Tee	3	Steel/SS304
4	Nipple	4	Steel/SS304
5	Union	5	Steel/SS304
6	Nipple	6	Steel/SS304
7	Y Strainer	7	Steel/SS304
8	Retard Chamber	8	Steel
9	Gong Assembly	9	Component
10	Nipple	10	Steel/SS304
11	Reducer Bushing	11	Steel/SS304
12	Pressure Switch	12	Component
13	Cross	13	Steel/SS304
14	Reducer Bushing	14	Steel/SS304
15	Plug	15	Steel/C954/SS304
16	Cross	16	Steel/SS304
17	Pressure Gauge	17	Component
18	3-way Valve Gauge	18	C954/SS304
19	Plug	19	Steel/C954/SS304
20	Orifice, retard	20	C954/SS304
21	Check Valve	21	C954/SS304
22	Nipple	1	Steel/SS304
23	Nipple	3	Steel/SS304
24	Tee	2	Steel/SS304
25	Nipple	4	Steel/SS304
26	Nipple	1	Steel/SS304
27	Nipple	1	Steel/SS304
28	Ball Valve	1	C954/SS304
29	Nipple	1	Steel/SS304
30	Ball Valve	1	C954/SS304
31	Elbow	2	Steel/SS304
32	Nipple	1	Steel/SS304
33	Ball Valve	1	C954/SS304

Dimensions

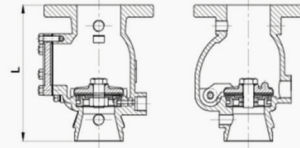


Flange*Flange



Dimension Chart

Size	L(mm)	L(inch)
DN50(2in)	233	9.17
DN65(2.5in)	236	9.29
DN80(3in)	245	9.65
DN100(4in)	316	12.44
DN125(5in)	386	15.20
DN150(6in)	390	15.35
DN200(8in)	438	17.24
DN250(10in)	535	21.06
DN300(12in)	622	24.49

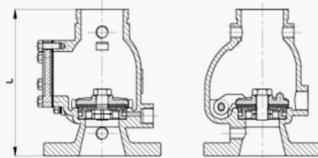


Flange*Groove



Dimension Chart

Size	L(mm)	L(inch)
DN50(2in)	239	9.41
DN65(2.5in)	240	9.45
DN80(3in)	245	9.65
DN100(4in)	316	12.44
DN125(5in)	386	15.20
DN150(6in)	390	15.35
DN200(8in)	438	17.24
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DN300(12in)	622	24.49

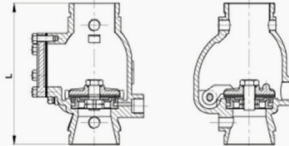


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