

Model 733DG-04C01

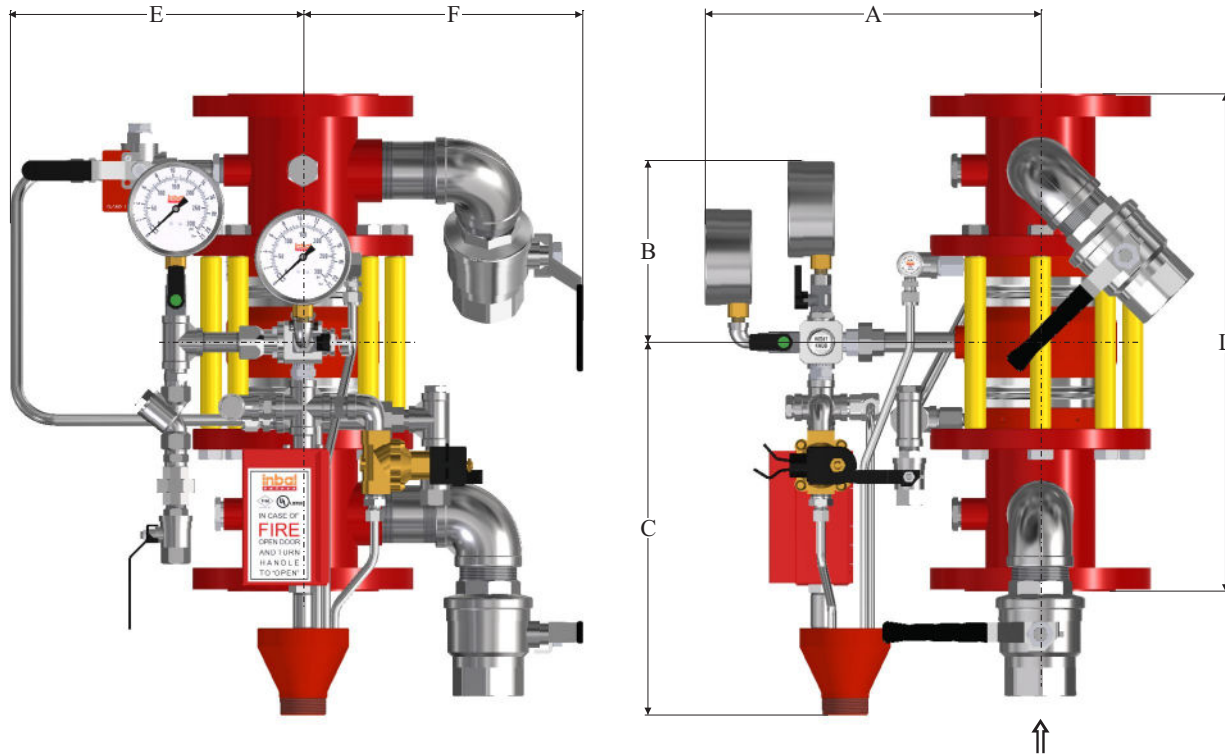
FM Trim Overall Dimensions & Weights - Vertical Installation

Inbal Deluge Valve, Electric Actuation, Local Resetting, Standard Material Control Trim

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FM Approved



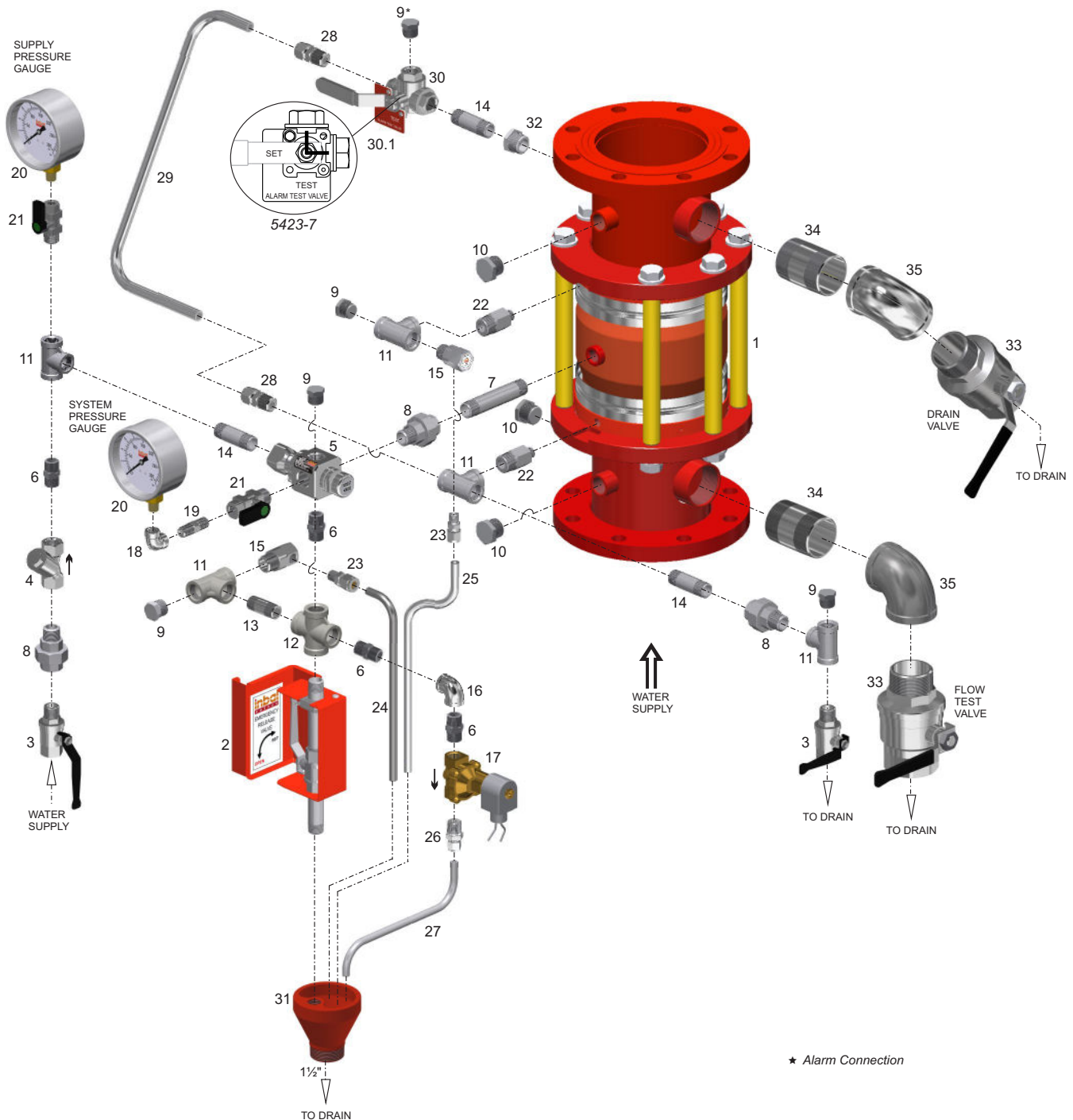
SIZE inches / mm	A	B	C	E	F	L	Weight* lbs / kg
1 ½	14 ¾	7 ⅞	15 ⅜	11 ¾	10 ⅝	15 ⅝	78.5 lbs
40	375	200	390	295	270	390	36.0 kg
2	14 ¾	7 ⅞	15 ⅜	11 ¾	10 ⅝	15 ⅝	80.5 lbs
50	375	200	390	295	270	390	37.0 kg
2 ½	14 ¾	7 ⅞	15 ⅜	11 ¾	10 ⅝	17 ½	83.0 lbs
65	375	200	390	295	270	446	38.0 kg
3	14 ¾	7 ⅞	15 ⅜	11 ¾	10 ⅝	17 ½	87.0 lbs
80	375	200	390	295	270	446	40.0 kg
4	15 ¼	7 ⅞	15 ⅜	12 ¼	11 ⅝	20 ⅝	128.5 lbs
100	388	200	390	310	295	517	59.0 kg
6	16 ½	7 ⅞	15 ⅜	13 ¼	12 ¾	23 ½	183.0 lbs
150	418	200	390	340	325	595	84.0 kg
8	17 ½	7 ⅞	15 ⅜	14 ¼	13 ½	26	264.0 lbs
200	447	200	390	365	345	659	121.0 kg
10	18 ½	7 ⅞	15 ⅜	15 ¼	14 ¾	28 ⅞	366.0 lbs
250	472	200	390	385	375	733	168.0 kg
12	19 ¼	7 ⅞	15 ⅜	16 ¼	15 ⅝	31 ⅞	514.5 lbs
300	488	200	390	410	390	810	236.0 kg

* Refer to Standard Material Valve.

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FM Trim Chart - Vertical Installation

Inbal Deluge Valve, Electric Actuation, Local Resetting, Standard Material Control Trim



- The bill of materials is available in the next page.
- The alarm piping should be connected to the common port of the Alarm Test Valve. A Water Motor Alarm requires a 3/4" (20 mm) pipe. For an electric Alarm Pressure Switch - a 1/2" (15 mm) pipe can be used. When a Water Motor Alarm is used, a strainer is required.
- The control trim is supplied fully preassembled.
- When the control trim is ordered in loose components form, the Inbal Deluge Valve must be trimmed as shown. Any deviation may affect proper operation.

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Item	Description	Qty	Material	Cat. No.
1	Inbal Automatic Water Control Valve model 733DG	1	See bulletin F02-02	1733DG01DDDSSSS
2	Emergency Release Station model 393-01	1	See bulletin F34-04	239302001002
3	2-Way Ball Valve 1/2", series 351	2	See bulletin F40-08	235102008000
4	Y-Pattern Strainer 1/2", series 31	1	See bulletin F40-03	231006008001
5	F.R.P. model 375-08	1	See bulletin F33-01	137502008000
6	Hex. Nipple 1/2"	4	St.St.304	212206008001
7	Nipple 1/2", L=4" (102 mm)	1	St.St.304	212206018001
8	Union 1/2" M x F	3	St.St.304	210406008006
9	Plug 1/2"	5	St.St.304	212106008000
10	Plug 3/4"	3	See note (a)	212106012000
11	Tee 1/2"	5	St.St.304	210106008001
12	Cross 1/2"	1	St.St.304	
13	Nipple 1/2", L=2" (50 mm)	1	St.St.304	212206003000
14	Nipple 1/2", L=2 1/2" (63 mm)	3	St.St.304	212206016001
15	Automatic Drain Valve model 373-08	2	See bulletin F40-13	137302008000
16	Elbow 1/2"	1	St.St.304	
17	Solenoid valve model 157-01	1		215702001001
18	Elbow 1/4"	1	St.St.304	
19	Hex. Nipple 1/4", L=1 1/16" (43 mm)	1	St.St.304	
20	Pressure Gauge	2	See bulletin F40-15	213106041002
21	Pressure Gauge Valve 1/2" x 1/4"	2	See bulletin F40-09	235302008001
22 (e)	Red. Nipple 1/2" x 1/4", L=2" (51 mm)	2	St.St.304	212306012001
(f)	Red. Nipple 1/2" x 1/4", L=2.4" (61 mm)		St.St.304	
23	Tube Fitting 1/4"NPT x 3/8"OD	2	Brass, Ni-Cr plated	314002003000
24	Drain Tube 3/8"OD	1	St.St.316	994006060000
25	Drain Tube 3/8"OD	1	St.St.316	994006060000
26	Tube Fitting 1/2"NPT x 3/8"OD	1	Brass, Ni-Cr plated	314002007000
27	Drain Tube 3/8"OD	1	St.St.316	994006060000
28	Twin Ferrules Fitting 1/2"NPT x 1/2"OD	2	Brass, Ni-Cr plated	318902007000
29	Alarm Test Tube 1/2"OD	1	St.St.316	994006008000
30	Alarm Test Valve model 347-08-02	1	See bulletin F40-06	234706008000
30.1	Label	1	P.V.C.	
31	Drain Cup	1	Steel, Epoxy coated	397000000000
32	Bushing 3/4"M x 1/2"F	1	See note (a)	211006002001
33 (b)	2-Way Ball Valve 3/4", series 351	2	See bulletin F40-08	235102020000
(c)	2-Way Ball Valve 1 1/2", series 351	2	See bulletin F40-08	235102040000
(d)	2-Way Ball Valve 2", series 351	2	See bulletin F40-08	235102050000
34 (b)	Nipple 3/4", L=3 1/4" (83 mm)	2	St.St.304	212206010001
(c)	Nipple 1 1/2", L=3 1/4" (83 mm)	2	St.St.304	212206001000
(d)	Nipple 2", L=3 1/4" (83 mm)	2	St.St.304	212206009001
35 (b)	Elbow 3/4"	2	See note (a)	210006012001
(c)	Elbow 1 1/2"	2	See note (a)	210006024001
(d)	Elbow 2"	2	See note (a)	210006032001

Notes: (a) Brass, Ni-Cr plated or Stainless Steel AISI 304.
 (b) For 1 1/2" & 2" (40 & 50 mm) Inbal Valves.
 (c) For 2 1/2" & 3" (65 & 80 mm) Inbal Valves.

(d) For 4"; 6"; 8"; 10" & 12" (100; 150; 200; 250 & 300 mm) Inbal Valves.
 (e) For 1 1/2"; 2"; 2 1/2"; 3"; 4" & 6" (40; 50; 65; 80; 100 & 150 mm) Inbal Valves.
 (f) For 8"; 10" & 12" (200; 250 & 300 mm) Inbal Valves.