

Model 711DX-04CR05

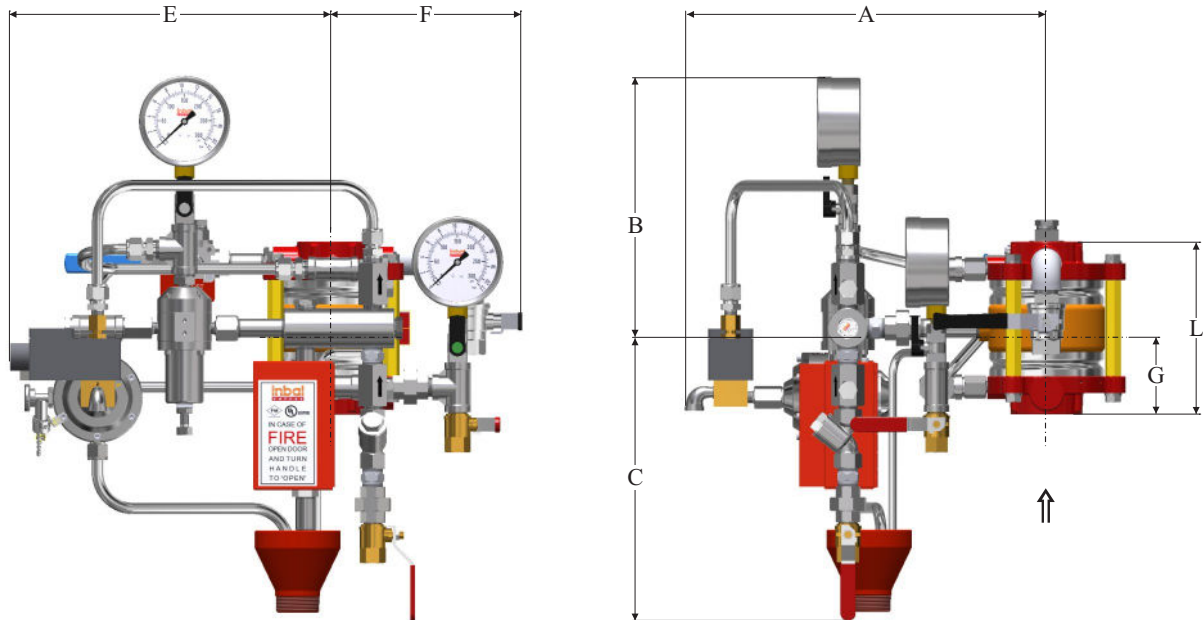
FM Trim Overall Dimensions & Weights - Vertical Installation

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



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SIZE inches / mm	A	B	C	E	F	G	L	Weight* lbs / kg
1 ½	12 7/8	11 ¼	13	14 1/8	7 ½	3 ¾	7 ½	66.0 lbs
40	325	280	330	360	190	95	192	30.0 kg
2	2 7/8	11 ¼	13	14 1/8	7 ½	3 ¾	7 ½	66.0 lbs
50	325	280	330	360	190	95	192	30.0 kg
2 ½	12 7/8	11 ¼	13	14 1/8	10 ¾	3 ¾	8 3/8	68.5 lbs
65	325	280	330	360	270	95	212	31.0 kg
3	12 7/8	11 ¼	13	14 1/8	10 ¾	4	8 5/8	68.5 lbs
80	325	280	330	360	270	100	219	31.0 kg

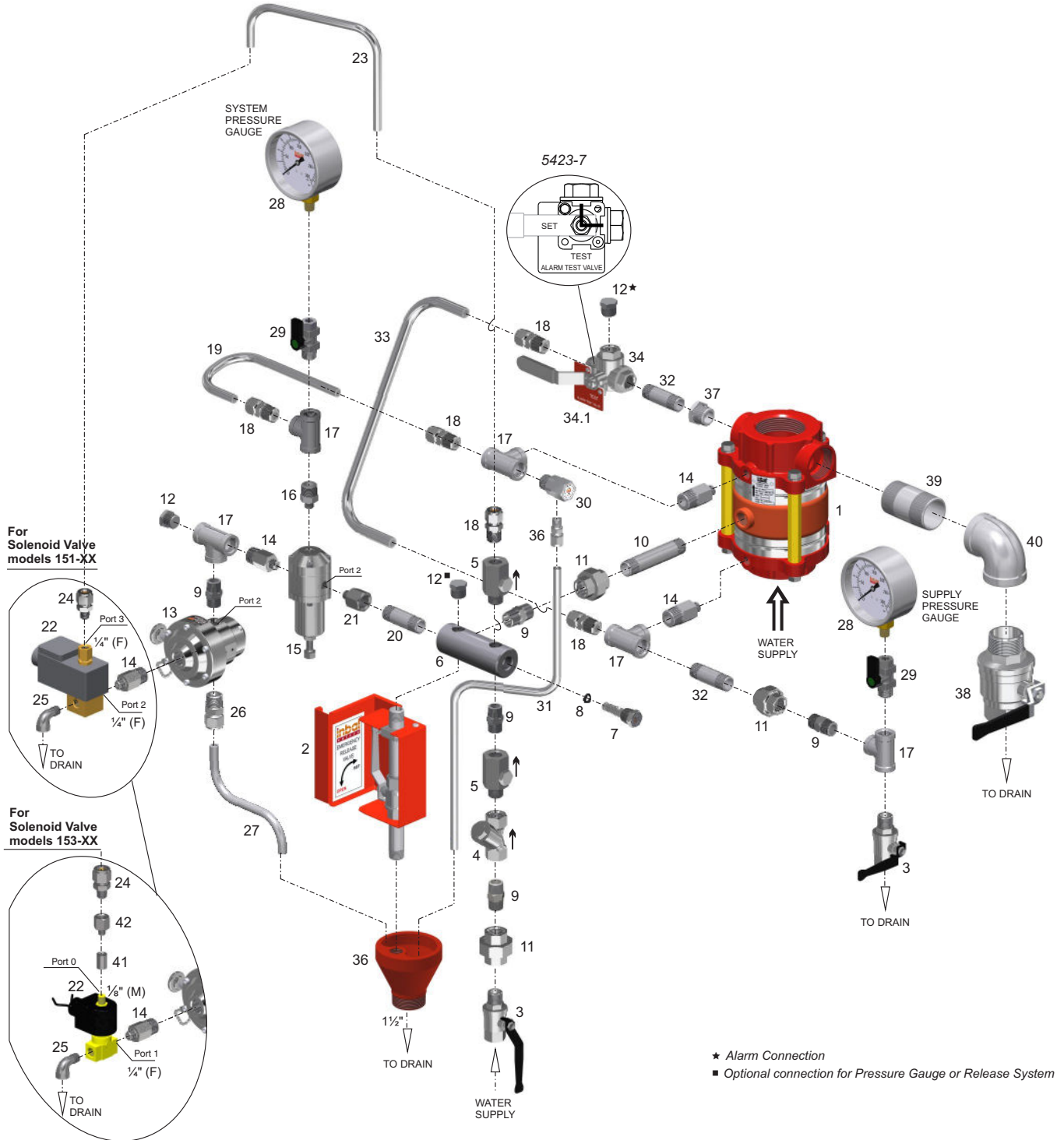
* Refer to Standard Material Valve.

Model 711DX-04CR05

FM Trim Chart - Vertical Installation

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

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- 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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FM Trim Chart - Vertical Installation



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

FM Approved

Item	Description	Qty	Material	Cat. No.
1	Inbal Automatic Water Control Valve model 711DX	1	See bulletin F02-03	1711DX01DDSSSS
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	Check Valve 1/2", series 371	2	See bulletin F40-12	137102008000
6	Manifold	1	Brass, Ni-Cr plated	322702016000
7	Restriction Orifice model 12-07-02	1	Brass, Ni-Cr plated	212702008001PH
8	O-Ring 2-109	1	Buna-N	270621090000
9	Hex. Nipple 1/2"	5	St.St.304	212206008001
10	Nipple 1/2", L=3 1/2" (89 mm)	1	St.St.304	212206032000
11	Union 1/2" F x F	3	St.St.304	210406008000
12	Plug 1/2"	3	St.St.304	212106008000
13	Deluge Pilot Valve model 290-08	1	See bulletin F33-02	129002008000
14	Red. Nipple 1/2" x 1/4", L=2" (51 mm)	4	St.St.304	212306012001
15	Pressure Reducing Pilot Valve model PA1	1	See bulletin F36-02	1PA102001000
16	Red. Nipple 1/2" x 1/4"	1	St.St.304	212206020000
17	Tee 1/2"	5	St.St.304	210106008001
18	Twin Ferrules Fitting 1/2" NPT x 1/2" OD	5	Brass, Ni-Cr plated	318902007000
19	Pressure Sensing Tube 1/2" OD	1	St.St.316	994006008000
20	Nipple 1/2", L=3" (80 mm)	1	St.St.304	212206005000
21	Adapter 1/4" M x 1/2" F	1	St.St.304	312006003001
22	Solenoid Valve model 151-61A	1		215102061000
23	Operating Tube 1/2" OD	1	St.St.316	994006008000
24	Twin Ferrules Fitting 1/4" NPT x 1/2" OD	1	Brass, Ni-Cr plated	318902009000
25	Street Elbow 1/4"	1	St.St.304	211606004001
26	Tube Fitting 1/2" NPT x 1/2" OD	1	Brass, Ni-Cr plated	314002008000
27	Drain Tube 1/2" OD	1	St.St.316	994006008000
28	Pressure Gauge	2	See bulletin F40-04	213106041002
29	Pressure Gauge Valve 1/2" x 1/4"	2	See bulletin F40-09	235302008001
30	Automatic Drain Valve model 373-08	1	See bulletin F40-13	137302008000
31	Drain Tube 3/8" OD	1	St.St.316	994006060000
32	Nipple 1/2", L=2 1/2" (63 mm)	2	St.St.304	212206016001
33	Alarm Test Tube 1/2" OD	1	St.St.316	994006008000
34	Alarm Test Valve model 347-08-02	1	See bulletin F40-06	234706008000
34.1	Label	1	P.V.C.	
36	Drain Cup	1	Steel, Epoxy coated	397000000000
36	Tube Fitting 1/4" NPT x 3/8" OD	1	Brass, Ni-Cr plated	314002003000
37	Bushing 3/4" M x 1/2" F	1	See note (a)	211006002005
38 (b)	2-Way Ball Valve 3/4", series 351	1	See bulletin F40-08	235102020000
(c)	2-Way Ball Valve 1 1/2", series 351	1	See bulletin F40-08	235102040000
39 (b)	Nipple 3/4", L=3" (80 mm)	1	St.St.304	212206010001
(c)	Nipple 1 1/2", L=3 1/4" (83 mm)	1	St.St.304	212206001000
40 (b)	Elbow 3/4"	1	See note (a)	210006012001
(c)	Elbow 1 1/2"	1	See note (a)	210006024001
41	Coupling 1/8"	1	St.St.304	
42	Adapter 1/8" M x 1/4" F	1	St.St.304	

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.