FM Approvals
Member of the FM Global Group

Fixed Extinguishing Systems | Deluge and Preaction Systems | Deluge Sprinkler Systems

Model DV-5A Deluge System

Product Description

Model No	Release Type	Valve Size		Rated Working Pressure		End Connection	Remarks
		in	(mm)	psi	(kPa)		
DV-5A	Wet Pilot	1 1/2, 2, 3, 4, 6, 8	(40, 50, 80, 100, 150, 165.1, 200)	300	(2065)	Grooved	a, g, j, k, m
DV-5A	Wet Pilot	1 1/2, 2	(40, 50)	300	(2065)	Threaded	a, b, g, j, k, m
DV-5A	Wet Pilot	3, 4, 6, 8	(80, 100, 150, 200)	300	(2065)	Flanged	a, g, j, k, m
DV-5A	Wet Pilot	3, 4, 6, 8	(80, 100, 150, 200)	300	(2065)	Grooved x Flanged	a, g, j, k, m
DV-5A	Dry Pilot	1 1/2, 2, 3, 4, 6, 8	(40, 50, 80, 100, 150, 165.1, 200)	250	(1720)	Grooved	a, f, g, h, j, k, m
DV-5A	Dry Pilot	1 1/2, 2	(40, 50)	250	(1720)	Threaded	a, b, f, g, h, j, k, m
DV-5A	Dry Pilot	3, 4, 6, 8	(80, 100, 150, 200)	250	(1720)	Flanged	a, f, g, h, j, k, m
DV-5A	Dry Pilot	3, 4, 6, 8	(80, 100, 150, 200)	250	(1720)	Grooved x Flanged	a, f, g, h, j, k, m
DV-5A	Electric	1 1/2, 2, 3, 4, 6, 8	(40, 50, 80, 100, 150, 165.1, 200)	See Remarks		Grooved	a, c, d, e, g, i, j, k, l, m
DV-5A	Electric	1 1/2, 2	(40, 50)	See Remarks		Threaded	a, b, c, d, e, g, i, j, k, l, m
DV-5A	Electric	3, 4, 6, 8	(80, 100, 150, 200)	See Remarks		Flanged	a, c, d, e, g, i, j, k, l, m
DV-5A	Electric	3, 4, 6, 8	(80, 100, 150, 200)	See Remarks		Grooved x Flanged	a, c, d, e, g, i, j, k, l, m

Remarks:

a. Approved when supplied with a main control valve body ASTM A536 ductile iron

b. Approved when supplied with a main control valve body ASTM A351 CF8M stainless steel (size 1-1/2 inch NPS threaded end connections only)

c. The rated working pressure is limited to the rated pressure of the release trim solenoid valve.

d. Approved when equipped with a Skinner Model 73218BN4UNLVN0C111C2 two-way normally closed solenoid valve, 24 V dc, 10 W, ½ in. NPS, Cv Factor 4.0, Rated Working Pressure of 175 psi (1210 kPa).

e. Approved when equipped with a Skinner Model 73212BN4TNLVN0C322C2 two-way normally closed solenoid valve, 24 V dc, 22.6 W, ½ in. NPS, Cv Factor 2.8, Rated Working Pressure of 300 psi (2070 kPa).

f. Approved when supplied with a Model DP-1 dry pilot valve

g. Approved when supplied with a Potter PS10-1 or PS10-2 waterflow pressure alarm switch

FM Approvals
Member of the FM Global Group

h. Approved when supplied with a Potter PS40-1 or PS40-2 low pressure alarm switch
i. Approved when equipped with a Skinner Model 73218BN4UNLVN0H111C2 two-way normally closed solenoid valve, 24 V dc, 10 W, ½ in. NPS, Cv Factor 4.0, Rated Working Pressure of 175 psi (1210 kPa).
j. Approved when factory assembled vertically inside the Model DV-5A Red-E Cabinet. The Red-E cabinet and assembled system components comprise an integrated fire protection system which is assembled and tested at the factory.
k. Approved when DV-5A valve and trim assembled horizontally or vertically.
l. Approved when equipped with a Ningbo Yongxing two-way normally closed solenoid valve 24 V dc, 12 W, ½ in. NPS, Rated Working Pressure of 230 psi (1600 kPa).
m. Optional Supervisory Switches: Tyco TPS10X1 or TPS10X2 waterflow pressure switch and Tyco TPS40X1 or TPS40X2 low pressure alarm switch.

Details

Category	Deluge Sprinkler Systems
Class of Work	1020 - Automatic Water Ctrl Valves
Approval Standard	FM 1020 - Automatic Water Control Valves
Certification Type	FM Approved
Listing Country	United States of America

Company

Tyco Fire Products LP
1467 Elmwood Ave, Cranston ,
Rhode Island 02910
United States of America
http://tyco-fire.com