

tyco

Fire Products

Features and Benefits

- One Internal Working Part
- No Linkage or Clapper Assembly
- Light Weight Ductile Iron Body
- Internally & Externally Coated
- External Resetting
- Diaphragm Operation
- Ideal for most Seawater & Brackish Water Supplies
- Deluge, Preaction & Foam

General Description

Model DV-5 Deluge Valves are diaphragm type valves designed for vertical or horizontal installations and for fire protection system service. They are “automatic water control valves” in deluge, preaction, and special types of fire protection systems such as foam-water and double inter-lock systems. DV-5 Valves are also able to provide actuation of fire alarms upon system operation.

The diaphragm style design of the DV-5 Valve allows external resetting — providing for easy resetting of a deluge or preaction system without having to open a valve handhole cover to manually reposition a clapper and/or latch mechanism.

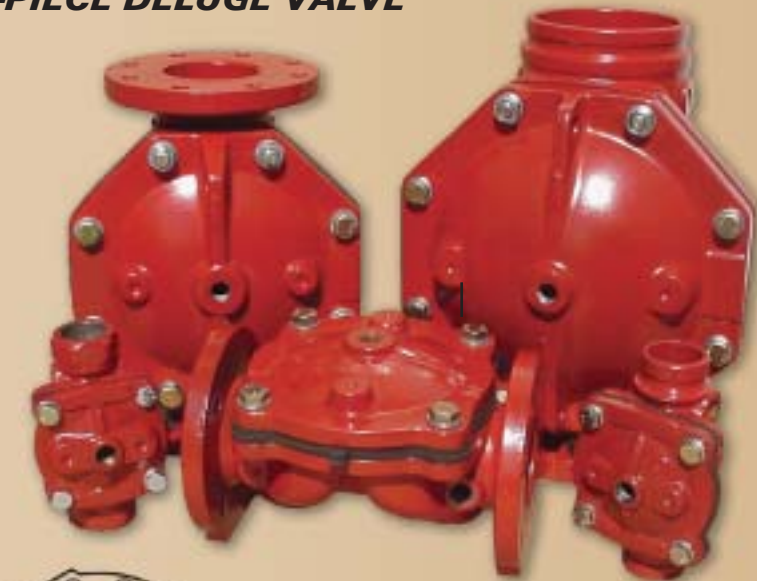
The one-piece, diaphragm style design is also internally and externally coated to provide corrosion resistance. The internal corrosion resistance offered by the Rilsan® coating makes the DV-5 suitable for most seawater and brackish water supplies. The external corrosion resistance of the Rilsan coating permits the use of the DV-5 in corrosive atmospheres associated with many types of industrial processing plants and outdoor installations.

Model DV-5 — Deluge Valve

Diaphragm Style, 1-1/2" — 8", 250 psi,
Vertical or Horizontal Installation

(TFP1305, TFP1310, TFP1315, & TFP1320)

3-PIECE DELUGE VALVE



1. Valve Body
2. Diaphragm
3. Handhole Cover

Technical Data

Approvals

UL and C-UL Listed. FM Approved.

Diaphragm

Nylon fabric reinforced natural rubber

Body

Rilsan coated ductile iron

Patent

U.S.A. No. 6,095,484

Technical Data Sheet:

TFP1305

TFP1310 - Wet Pilot Actuation

TFP1315 - Dry Pilot Actuation

TFP1320 - Electric Actuation

(Always refer to Technical Data Sheet [TFP1305, TFP1310, TFP1315, & TFP1320] for complete description of all Listing criteria, design parameters, installation instructions, care and maintenance guidelines, and our limited warranty).

MODEL DV-5

Deluge Valve Weight Comparison (lbs.)

	Model	THR x THR	GR x GR	FL x GR	FL x FL
1-1/2"	TFP DV-5	9.0	8.0	n/a	n/a
	VIC 758	n/a	16.7	n/a	n/a
	REL Model H	52.0	n/a	n/a	n/a
	VIK E-3	13.0	n/a	n/a	n/a
2"	TFP DV-5	12.0	10.0	n/a	n/a
	VIC 758	-	17.0	n/a	n/a
	VIK E-1	35.0	n/a	n/a	n/a
3"	TFP DV-5	-	31.0	39.0	47.0
	VIC	-	42.1	n/a	n/a
	VIK E-1	-	n/a	66.0	73.0
4"	TFP DV-5	-	61.0	74.0	80.0
	VIC 758	-	55.0	65.0	n/a
	VIK F-2	-	125.0	125.0	125.0
	VIK E-1	-	125.0	112.0	123.0
6"	TFP DV-5	-	99.0	107.0	115.0
	VIC 758	-	73.0	83.0	n/a
	VIK F-2	-	235.0	235.0	235.0
	VIK E-1	-	235.0	235.0	251.0
8"	TFP DV-5	-	150.0	170.0	190.0
	VIK F-1	-	405.0	n/a	405.0

Ordering Procedure

Part Number	Description
52-477-1-919	1-1/2" Model (DV-5) Groove x Groove
52-477-1-069	1-1/2" Model (DV-5) Thread x Thread
52-477-1-910	2" Model (DV-5) Groove x Groove
52-477-1-060	2" Model (DV-5) Thread x Thread
52-477-1-912	3" Model (DV-5) Groove x Groove
52-477-1-012	3" Model (DV-5) Flange x Flange
52-477-1-412	3" Model (DV-5) Flange x Groove
52-477-1-913	4" Model (DV-5) Groove x Groove
52-477-1-013	4" Model (DV-5) Flange x Flange
52-477-1-613	4" Model (DV-5) Flange x Groove
52-477-1-915	6" Model (DV-5) Groove x Groove
52-477-1-015	6" Model (DV-5) Flange x Flange
52-477-1-615	6" Model (DV-5) Flange x Groove
52-477-1-916	8" Model (DV-5) Groove x Groove
52-477-1-016	8" Model (DV-5) Flange x Flange
52-477-1-416	8" Model (DV-5) Flange x Groove

Trim Kits for Model (DV-5) Deluge Valves

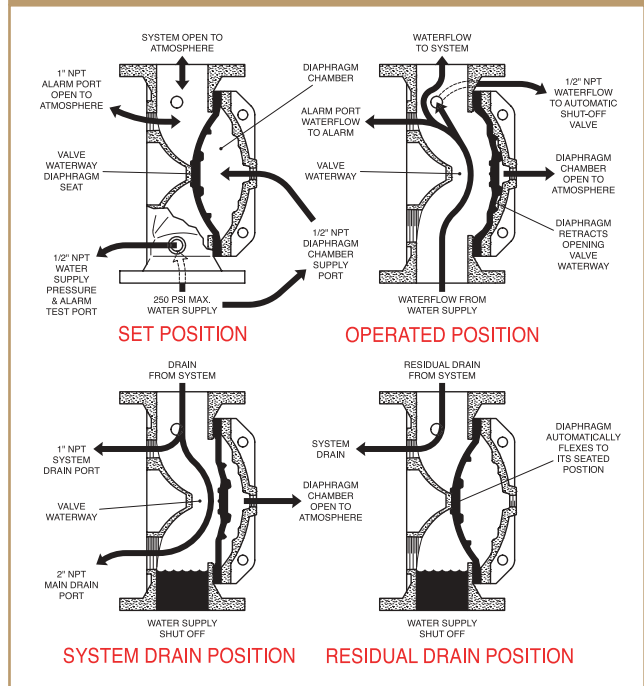
52-477-2-107	1-1/2" and 2" Wet Pilot Actuation (Galvanized)
52-477-2-108	1-1/2" and 2" Dry Pilot Actuation (Galvanized)
52-477-2-109	1-1/2" and 2" Electric Actuation (Galvanized)*
52-477-2-104	3" Wet Pilot Actuation (Galvanized)
52-477-2-105	3" Dry Pilot Actuation (Galvanized)
52-477-2-106	3" Electric Actuation (Galvanized)*
52-477-2-101	4", 6" and 8" Wet Pilot Actuation (Galvanized)
52-477-2-102	4", 6" and 8" Dry Pilot Actuation (Galvanized)
52-477-2-103	4", 6" and 8" Electric Actuation (Galvanized)*

Black and brass trim can be ordered separately.
*(Solenoid Valve Sold Separately)

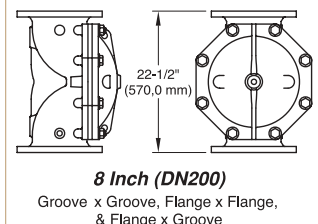
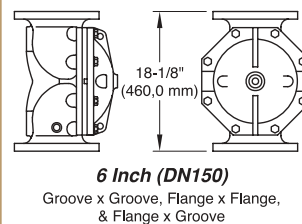
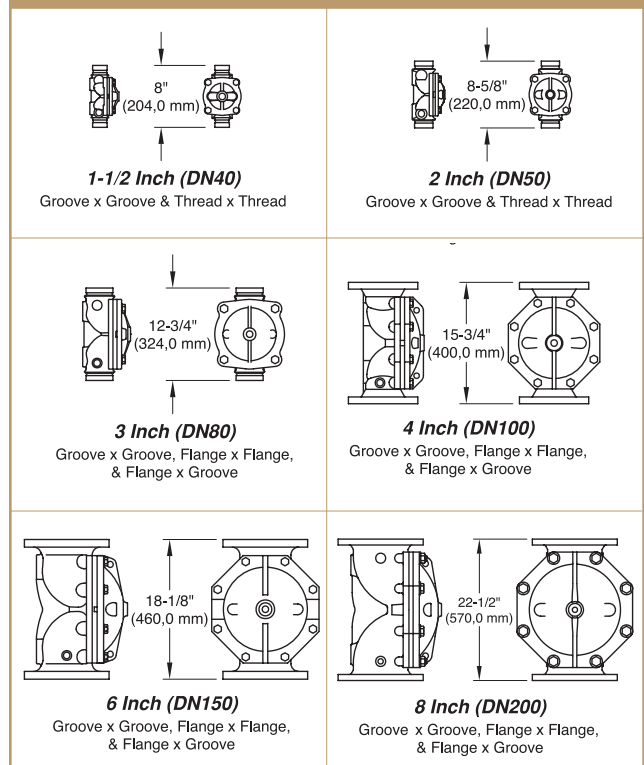
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Fire Products

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Cut-Away of DV-5 Valve



End-to-End Dimensions



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