



Water Flow Detector Fig. RDWFDR-2

Product Description

The Rapidrop Model RDWFDR-2 is a Vane type Waterflow detector for use on wet sprinkler systems. It is FM Approved & UL Listed for use on steel pipe. Available in sizes 50mm to 200mm. The Vane insert is non-corrosive and the enclosure is suitable for indoor or outdoor use.

The waterflow detector switch contains two single pole, double throw, snap action switches and an adjustable pneumatic retard. The switches are actuated when a flow of 10 GPM (38 LPM) or more occurs downstream of the device. This flow condition must exist for a period of time long enough to overcome the selected retard period.



Maximum Working Pressure

25 bar (365 psi)

Temperature Range

0°C to 68°C (32°F to 154°F)

Coating

Fusion Bonded Epoxy Coating in accordance with ANSI /AWWA C550

Electrical Ratings

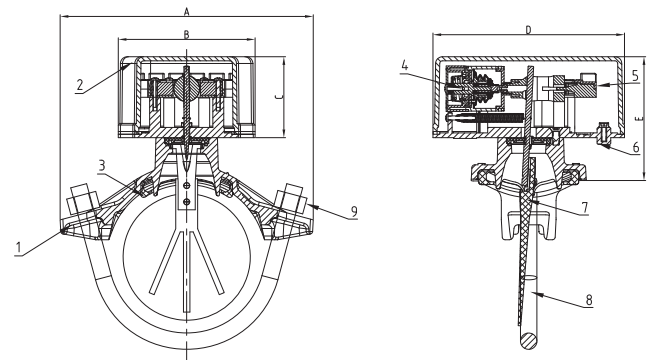
125 / 250 VAC 5A 24/30 VDC 3A

Enclosure Rating

IP54

Material Specifications

Part No.	Description	Material
1	Body	ASTM A536 65-45-12
2	Cover	Aluminium Alloy
3	Gasket	EPDM
4	Delay Device	Plastic
5	Signal Connection	N/A
6	Connection Plate	Aluminium Alloy
7	Vane	Plastic
8	U-Bolts	Carbon Steel Zinc Plated
9	Nuts	Carbon Steel Zinc Plated



Dimensions

Size		A	B	C	D	E	Hole Dia.
mm	inch						
DN50	2"	116	100	59.5	140	79.5	29
DN65	2 1/2"	120	100	59.5	140	79.5	29
DN80	3"	145	100	59.5	140	80.9	51
DN100	4"	185	100	59.5	140	98.5	51
DN125	5"	212	100	59.5	140	82.6	51
DN150	6"	254	100	59.5	140	90.4	51
DN200	8"	298	100	59.5	140	90.5	51

