Waterflow Detectors, Vane Type

Waterflow detectors installed in sprinkler systems provide an electrical alarm when a flow of water from the system equals or exceeds that of a single sprinkler. They can be used with either open or closed signaling circuits.

They may consist of a flexible vane which projects into the waterway or a pressure-sensing device. For the flexible vane type, water movement deflects the vane, and the motion is transmitted to an alarm-actuating switch after a predetermined time delay. The time delay is accomplished by the use of an instantly recycling retard.

Unless otherwise noted in the listing, the flexible vane type is to be used with pipe having an inside diameter which corresponds to Schedule 40 pipe for sizes up to and including 6 in. (152 mm) or Schedule 30 pipe for sizes 8 and 10 in. (203 and 254 mm).

Waterflow detectors should not be specified for those systems where the time duration of a pressure fluctuation is greater than the retard time. Instantly recycling retards will not transmit an electrical alarm until the time duration of the pressure fluctuation or waterflow past the vane of the flow detector has exceeded the predetermined time setting of 30-60 seconds. Unless otherwise noted in the listing, these detectors have 175 psi (1205 kPa) rated working pressure.

Model AWFD

Model AWFD. 2 through 8 inch NPS as indicated in the table below have a 363 psi (2500 kPa) rated working pressure. All sizes rated for Schedule 10 and 40 pipe.

Product Specification

Model No	Valve Size	
	in	(mm)
AWFD	2	(50)
AWFD	2 1/2	(65)
AWFD	3	(80)
AWFD	4	(100)
AWFD	5	(125)
AWFD	6	(150)
AWFD	8	(200)

Company Name:	Haci Ayvaz Endüstriyel Mamülleri San. ve Tic. A.S.
Company Address:	Atatürk Sanayi Bölgesi Mustafa Inan Cad. No: 44, 34555 Hadimköy-Istanbul, Turkey
Company Website:	http://www.ayvaz.com
New/Updated Product Listing:	No
Listing Country:	Turkey
Certification Type:	FM Approved
Class of Work:	1043-Waterflow Tester (vane type)

© 2007-2022 FM Approvals. All rights reserved.