TECHNICAL DATA

J-1 WET ALARM VALVE WITH EUROTRIM DIRECT FOR LPCB MARKET

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Visit the Viking website for the latest edition of this technical data page: www.viking-emea.com

1. DESCRIPTION

The Viking Model J-1 Alarm Check Valve serves as a check valve by trapping pressurized water above the clapper and preventing reverse flow from sprinkler piping. The valve is designed to initiate an alarm during a sustained flow of water (such as the flow required by an open sprinkler) by operating an optional water motor alarm and/or alarm pressure switch. The valve is made suitable for use on variable pressure water supplies by adding the optional retard chamber to the standard trim.

The Viking EuroTrim Direct allows for the regular alarm test to be performed without the need to release water from the system by diverting system water directly to the valve alarm line.



2. LISTINGS AND APPROVALS

096b/01

3. ORDERING INFORMATION

To order a Viking Eurotrim follow our three step selection process:

Step 1: Base Valve and Trim

TABLE 1: VALVE SIZES AND END CONNECTIONS

End Connections	End Connection Types	3" DN80 89 mm	4" DN100 114 mm	6" DN150		8" DN200 219 mm
				165 mm	168 mm	
Flange-Flange	ANSI	ETD08235	ETD08238	ETD08241		ETD08244
	PN10	ETD09108	ETD09109	ETD09110		ETD09111
	PN16					ETD12388
Flange-Groove	ANSI	ETD08236	ETD08239	--	ETD08242	ETD08245
	PN10	ETD09535	ETD09536	--	ETD09874	ETD09877
	PN16					ETD12389
Groove-Groove	--	ETD08237	ETD08240	ETD09405	ETD08243	ETD08246



Step 2: Alarm Trim

TABLE 2: ALARM TRIM

Part Number	Approval Type
19416	LPCB Market



Step 3: Optional Components

TABLE 3: OPTIONAL COMPONENTS

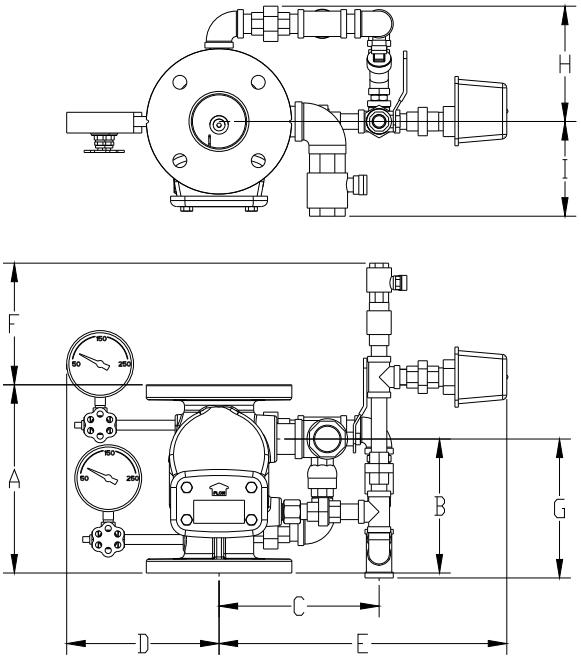
Part Number	Component
05904B	Retard Chamber
880214	Monitoring Switch for Alarm Line Ball Valve
8121960050	Bracket for Monitoring Switch

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4. DIMENSIONS



Size	A	B	C	D	E	F	G	H	I
3” DN80	258.8	184.2	220.0	209.5	395.5	167.1	190.9	158.5	130.2
4” DN100	269.9	187.3	241.0	221.6	416.6	157.2	192.4	161.1	180.2
6” DN150	339.7	257.2	243.2	244.4	418.7	103.6	246.1	185.9	180.2
8” DN200	431.8	211.1	285.7	269.8	461.2	41.7	169.9	211.3	180.2
All dimensions are approximations.									

5. MOUNTING INSTRUCTIONS

1) Attach the gauges and their spigots to the valve (1)

2) Attach the base trim to the valve by tightening the three unions (2)

3) Attach the alarm trim to the base trim by tightening the union (3)

4) If a retard chamber is required the remove the 1/2” x 3/4” reducer from the alarm line (4) and insert the retard chamber. The reducer has been installed with PTFE tape to allow for easy removal.

