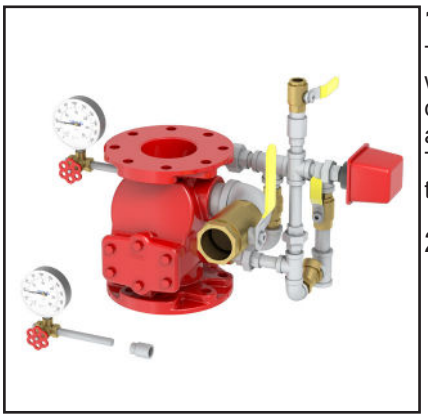
TECHNICAL DATA

J-1 WET ALARM VALVE WITH EUROTRIM FOR LPCB MARKET

Viking SupplyNet Ltd, Unit 2 Byram House, Newborn Court, Chapel Street, Epworth, DN9 1HQ, United Kingdom
Telephone: +44-1427-871-000 Fax: +44-1427-873-917 Email: vikinguk@vikingcorp.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.

2. LISTINGS AND APPROVALS

096b/01

Viking Technical Data may be found on The Viking Corporation's Web site at http://www.vikinggroupinc.com. The Web site may include a more recent edition of this Technical Data Page.

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	ET08235	ET08238	ET08241		ET08244
	PN10	ET09108	ET09109	ET09110		ET09111
	PN16					ET12388
Flange-Groove	ANSI	ET08236	ET08239	--	ET08242	ET08245
	PN10	ET09535	ET09536	--	ET09874	ET09877
	PN16					ET12389
Groove-Groove	--	ET08237	ET08240	ET09405	ET08243	ET08246



Step 2: Alarm Trim

TABLE 2: ALARM TRIM

Part Number	Approval Type
19416	LPCB Market



Step 3: Optional Components

TABLE 3: OPTIONAL COMPONENTS

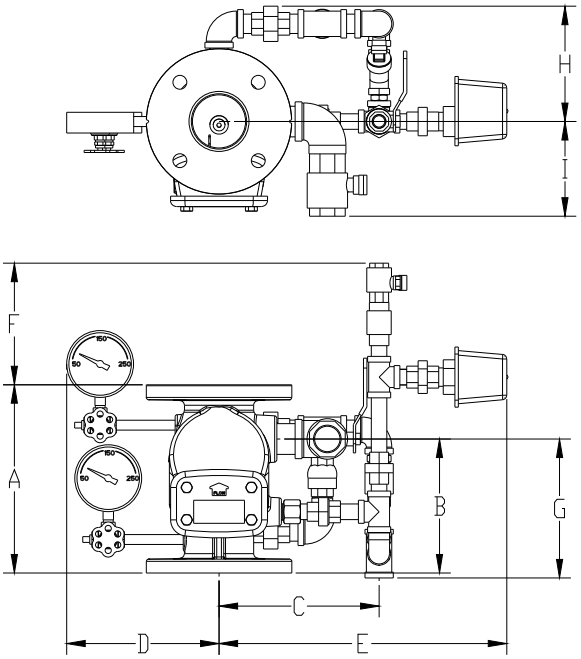
Part Number	Component
05904B	Retard Chamber
880214	Monitoring Switch for Alarm Line Ball Valve
8121960050	Bracket for Monitoring Switch

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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.									

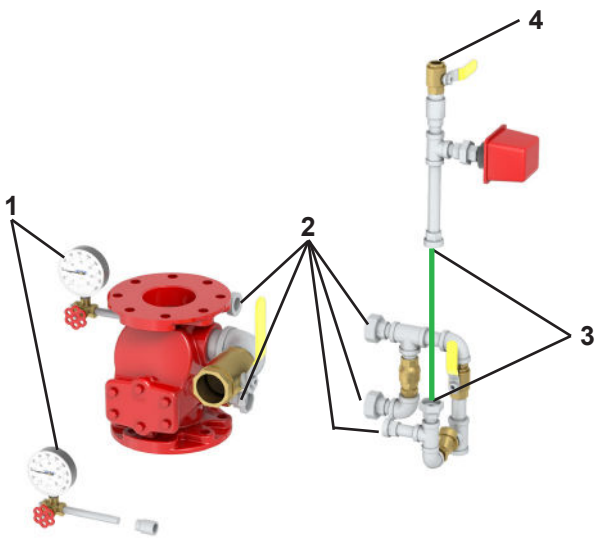
5. MOUNTING INSTRUCTIONS

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.



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