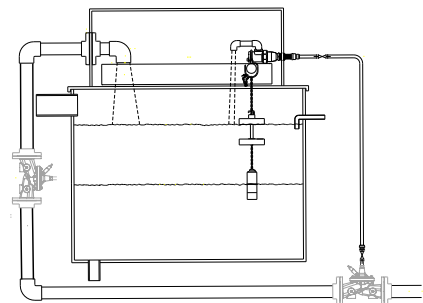


FP

1276 High Flow Fire Sprinkler Tank Valve Kit



Keraflo
OUR WORLD IS WATER



FOR VALVE SIZES (DN):

FP80 - 3" (80mm)

FP100 - 4" (100mm)

FP150 - 6" (150mm)

Other sizes available on request.

Sprinkler tank valves in sizes 80mm, 100mm & 150mm with LPS 2083 approved pilot operated valve as required by LPS 1276

The

Unique selling benefits

- **Excellent flow rate performance for various tank installation options** - The FP Type inline Control Valve is available in models sized 3" (80mm), 4" (100mm) and 6" (150mm)
- **Tank compatibility** - Shallow tanks - The FP Type valve can operate in tanks as shallow as 1 metre in depth. Deep Tanks - The FB pilot valve enables an opening level 2 metres below the inlet level
- **Suitable for raised valve chamber** - Can be small because it only has to accommodate a 1" (25mm) Aylesbury™ FB Type float valve and discharge assembly
- **Facilitates air gaps** - Suitable for all type of Air Gap
- **Quiet Operation** - Keraflo Float valves are quieter than conventional valves due to the elimination of water hammer, valve bounce, "hiss" and dribble.
- **Accessibility** - An externally mounted Control Valve can be easily inspected, adjusted and, if required, serviced
- **Ease of installation** - The valves are easy to install with an 'up and over' discharge arrangement which assists in facilitating Type AA, AB, air gap requirements under the Water Regulations
- **No water hammer**
- **Full flow during filling**
- **Maximises tank capacity**
- **No backing plate required**
- **No valve bounce**
- **No dribble**
- **Tank wall stress negligible**
- **Ideal for fire sprinkler systems**

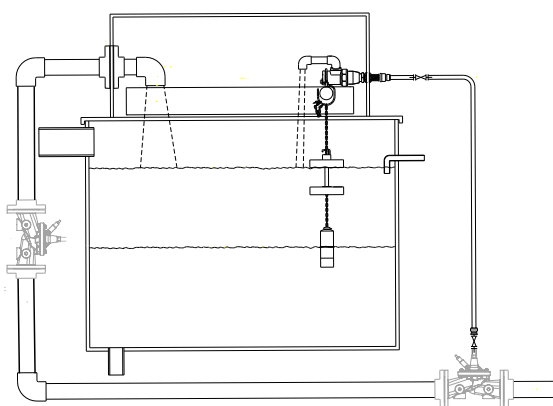
Standards compliance to LPS 2083 is specified in section 3.5.3 of LPS 1276: Issue 2.0 "Requirements for the LPCB certification and listing of above ground suction tanks for sprinkler systems", as opposite:

LPS® 1276 3.5.3 Ball or Float Valve

A ball or float valve for maintaining the required level of water in the tank shall be installed. The valve shall be LPCB listed to LPS 2083 "The Requirements and Test Procedures for the LPCB Approval of Automatic Water Level Control Valves for use in Above Ground Suction Tanks for Sprinkler Systems"

Technical Specification

- **Application** - The FP 1276 High Flow Fire Sprinkler Tank Valve Kit is available in models sized 3" (80mm), 4" (100mm) and 6" (150mm)
- The product kit contains:
 - o Keraflo's FB25 pilot valve, a mechanical float valve certified to LPS 2083, suitable for tanks with or without raise valve chambers
 - o Keraflo's control valve
 - o Flanges, tank inlet, pipe work and isolating valves are not include
- **Water pressure range** - Suitable for 0-5 bar
- **Float specification** - Puncture-proof float made from polyethylene closed cell foam which is CFC-free, air retardant and both chemically and biologically inert.
- **Back-siphonage protection** - Up and over discharge to BS1212 Part 2, which helps to facilitate air gap compliance



Quality & Warranty Information

Keraflo products are manufactured under Quality Management Systems certified to ISO.9001:2015.

Keraflo Fire Sprinkler Tank Valves have a 1 Year Warranty from date of manufacture as standard, which can be extended to a 10 Year Warranty from date of installation at no extra cost, subject to registration and installation and maintenance as describes in FB Installation Guide.



See FB Installation guide for details

FLOW PRESSURE	FLOW RATE AT STATED FLOW PRESSURE		
	3" 80mm	4" 100mm	6" 150mm
BAR	l/s	l/s	l/s
0.01	1.6	3.3	5.8
0.02	2.3	4.7	8.2
0.04	3.2	6.6	11.6
0.06	3.9	8.1	14.2
0.10	5.1	10.5	18.4
0.15	6.2	12.8	22.5
0.20	7.2	14.8	26.0
0.25	8.1	16.5	29.0
0.30	8.8	18.1	31.8
0.50	11.4	23.4	41.1
1.00	16.1	33.1	58.1
2.00	22.8	46.7	82.1
3.00	27.9	57.3	100.6
Kv M ³ /HR	58	119	209

PRODUCT CODES

FP 1276 High Flow Fire Sprinkler Tank Valves Kit	Size	Product Code
80mm FP Type inline control valve with LPS2083 approved pilot valve	3" (80mm)	FP80
100mm FP Type inline control valve with LPS2083 approved pilot valve	4" (100mm)	FP100
150mm FP Type inline control valve with LPS2083 approved pilot valve	6" (150mm)	FP150



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