

# GW MK3 PNEUMATIC/ELEC DELUGE SERVICE & MAINTENANCE

100mm (4") 150mm (6") 200mm (8")



## 1. Inspection and Maintenance requirements.

The inspection and maintenance intervals stated below assume that the valve is installed in clean conditions operating on clean water. If the site conditions are poor or the water is contaminated or corrosive in any way the service intervals may have to be shortened.

Note: If the supply is turned off for any reason notify the authority having jurisdiction (typically the fire service or insurance company) as soon as possible and maintain extra vigilance. Re-commission the system as soon as practical.

**NOTE: PRIOR TO ANY TEST ENSURE THAT THE FIRE ALARM PANEL, CONNECTED TO THE PRESSURE SWITCH, IS ISOLATED FROM THE FIRE BRIGADE ALARM OUTPUT.**

### 1.1. Every week.

The valve should be tested for correct operation of the water motor alarm bell and associated pressure switch. During this test a general inspection should be carried out to look for leaks or damage, and that the correct pressures are indicated on main supply valve set inlet gauge, and system air on valve air supply gauge (see operating instructions).

### 1.2. Every six months.

The valve should be trip tested to ensure correct operation (see operating instructions).

### 1.3. Every twelve months.

The following items should be replaced and the valve re-set and trip tested (see operating instructions).

Clapper gasket  
Cover plate gasket  
Hydraulic piston and diaphragm  
Hydraulic chamber bleed nut washer  
Pneumatic diaphragm  
Re-set bolt washer

## 2. Tightening Torque's

Item	Valve Size (mm)	Torque (Nm)
Cover Plate	100	35 ± 5
	150	80 ± 5
	200	150 ± 10
Clapper Bolt	All	25 ± 5

The right is reserved to vary or modify any specifications without prior notice

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