

BELLCHECK Automatic Sprinkler Alarm Valve Tester

FEATURES

- ✓ 90% Water Saving
- ✓ Saves up to 175L of water per test
- ✓ Accurately represents 1 sprinkler head in operation
- ✓ Consistent flow rate – irrespective of system pressure
- ✓ No fire pumps operate
- ✓ No new oxygenated water is introduced into the system
- ✓ Saves time during testing
- ✓ VdS Approved
- ✓ Meets requirements of AS 2118, AS 1851 and HB233-2008
Fire protection - Water conservation Handbook”



PRODUCT DESCRIPTION

BellCheck is an automatic alarm valve test system that significantly reduces water wastage when undertaking mandatory weekly tests on automatic alarm valves in order to comply with AS 1851-2005.

The only water used with the BellCheck system is the water required to test the alarm gong. This results in a water saving of over 90% compared to the traditional method.

BellCheck is the only approved system designed to simulate exactly one sprinkler head in operation, with no excessive flow condition, regardless of the actual operating pressures of the sprinkler installation.

The practical benefit of BellCheck, over and above code compliance, is to accurately ensure that in the event of a discharge of just one sprinkler head that the building owner can be 100% sure that the sprinkler alarm valve will activate.

By the simple operation of a key switch, the BellCheck pump re-circulates water from above the alarm valve to the underside of the alarm valve causing the alarm valve to lift simulating the exact operation of one sprinkler head without discharging water from the system to drain.

This can result in a saving of up to 9,100L of water per year per valve set on weekly testing.

Note: This is an indent item, lead times up to 6-8 weeks delivery may apply.

MECHANICAL SPECIFICATIONS

Working Pressure Rating	215PSI (15 bar) (1482 KPa) maximum
Operating Temperature Range	0°C - 49°C
Valves	BS EN 12259 Alarm Valve BS EN 12288 Inlet (Red Handle) BS EN 12288 Outlet (Green Handle) (includes non-return valve) BS EN 12288 Solenoid Valve Pressure Relief BS EN 15081 Butterfly Valve Actuator

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ELECTRICAL SPECIFICATIONS

Circulation pump	
Approvals	LPCB FM UL VdS
Operating voltage	240V 50Hz
Full load current	0.88A
Power rating	185W
IP rating	IP43
WP rating	175 psi (1206 KPa)
Key Switch Operator Panel	
Supply voltage	240VAC 50Hz
Ambient temperature	0°C - 40°C

GENERAL ARRANGEMENT

