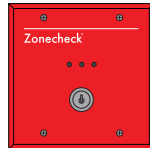
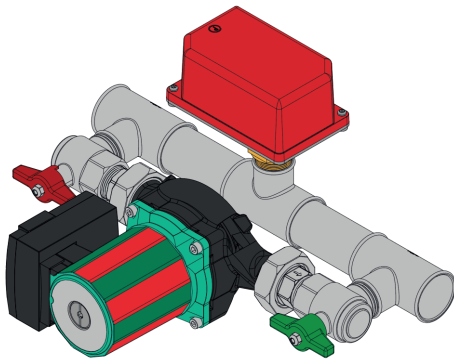


Zonecheck® Residential

GALVANISED



green
product



Simple & Compliant
Flow-switch Testing



Flat-fit Design



Fast Install

Overview

Zonecheck is a remote flow-switch testing device. It works by using a closed loop system that re-circulates water to simulate sprinkler head operation and tests the flow-switch without discharging water. Zonecheck® Residential simplifies sprinkler system testing for domestic and commercial properties. Its compact design makes it ideal for homes and apartments, its easy to install and allows testing to be performed at the turn of a key. Further to this, each test is performed without wasting a drop of water.

Installation

Zonecheck® connects into a wet-pipe sprinkler system using BSP screwed connections. Metal to plastic adaptor kits are also available. When fitted correctly, the red and green stripes on the pump are always horizontal. On horizontal runs, the flow-switch must always be on the top of the pipe. For vertical flow applications, only mount Zonecheck where up-flow conditions exist.

Technical Specification

| | |
|----------------------------|---|
| Approval..... | LPCB |
| Compatible Pipe..... | 1", 1¼", 1½" BS EN 10255 / CPVC |
| Component Connections..... | BSP Threaded CPVC connectors available |

Electrical Specification

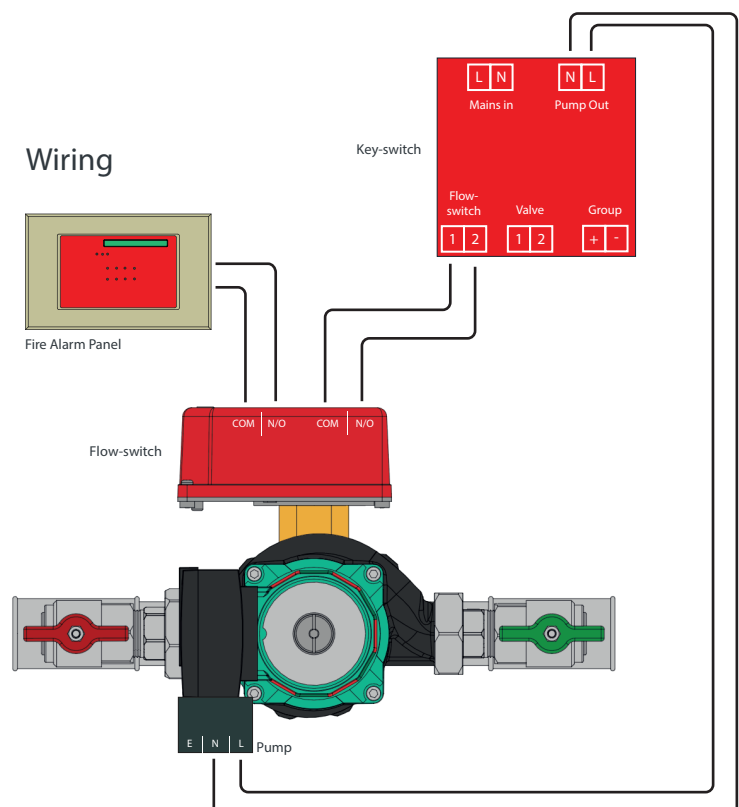
Circulation Pump

| | |
|------------------------|------------------|
| Operating Voltage..... | 1~230v 50Hz |
| Full Load Current..... | 0.93A |
| Power Rating..... | 195 W maximum |
| IP Rating..... | IP44 |
| WP Rating..... | 12 bar (175 psi) |
| Capacitor..... | 5.0 µF/400 VDB |

Key-switch

| | |
|-----------------------------|--|
| Voltage..... | 220v 50Hz |
| Operating Voltage..... | 7.5W Max |
| Internal Consumption..... | 0.88 A |
| Order No..... | ZCKYSE |
| Spare Key Order No..... | ZC-ALKK |
| LED Indication..... | Pump Running Flow-switch Activated Valve Fault |
| Max Group Size..... | 25 Key-switches |
| Max Group Cable Length..... | 300m |

Wiring



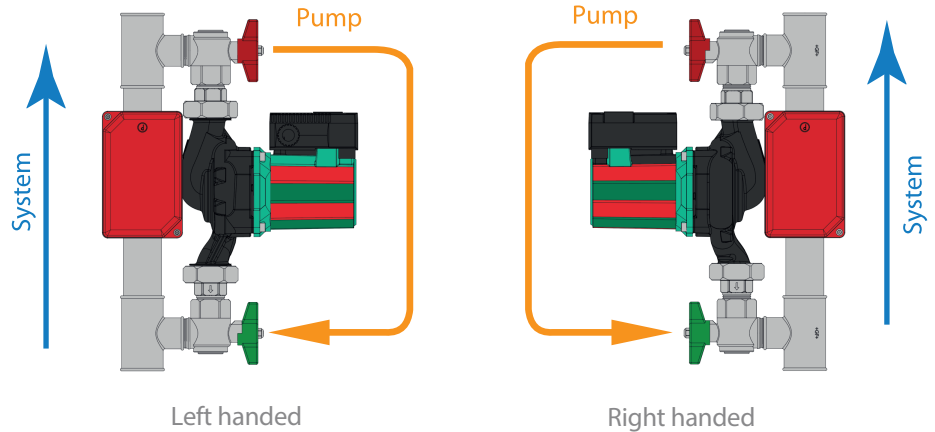
Ordering Information

Part code Pipe Size

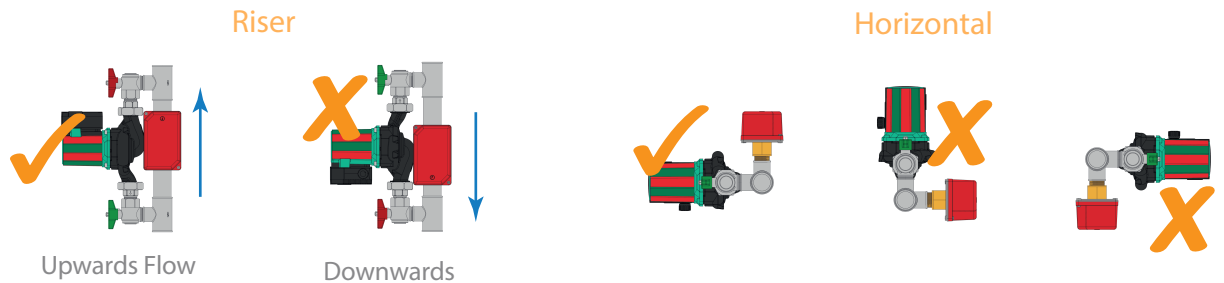
| | | |
|--------------|----|-----|
| Right-handed | mm | " |
| ZC-RES25 | 25 | 1" |
| ZC-RES32 | 32 | 1¼" |
| ZC-RES40 | 40 | 1½" |

| | | |
|-------------|----|-----|
| Left-handed | mm | " |
| ZC-RES25LH | 25 | 1" |
| ZC-RES32LH | 32 | 1¼" |
| ZC-RES40LH | 40 | 1½" |

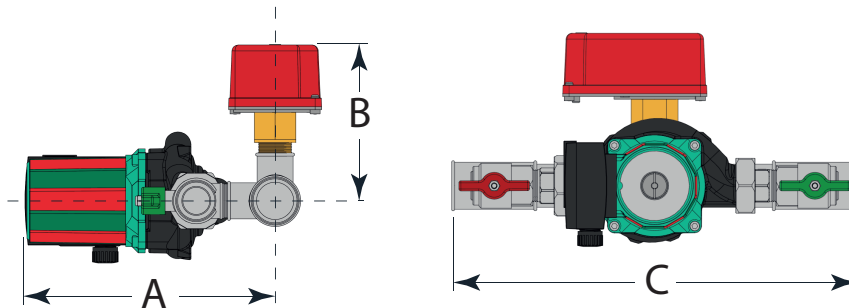
| | | |
|----------------------------|----|-----|
| Metal-Plastic Adaptor kits | mm | " |
| ZC-RESADP25 | 25 | 1" |
| ZC-RESADP32 | 32 | 1¼" |
| ZC-RESADP40 | 40 | 1½" |



Orientation



Dimensions



| Ø | A | B | C |
|-------------|-----|-----|---------|
| | | | (±5 mm) |
| 25mm 1" | 235 | 145 | 395 |
| 32mm 1¼" | 240 | 155 | 400 |
| 40mm 1½" | 240 | 155 | 405 |

Venting

Zonecheck will not work properly if air is trapped within the unit. For video instructions on venting the unit watch the you tube clip by scanning the QR barcode with your smart phone (red-laser app) or visit <http://goo.gl/EuBrW> on your computer.

1. Isolate alarms & notify building management of your actions.
2. Turn the key-switch to SELF TEST.
3. Have a bucket ready to catch any water.
4. Carefully loosen the access plug on the end of the pump to release any trapped air.
5. Keep the vent open until all the air is expelled and only water is coming from the vent (may take up to 10 minutes).
6. Carefully tighten the vent plug.
7. Turn the key-switch to STANDBY
8. Don't forget to contact building management & let them know when you have finished testing.

