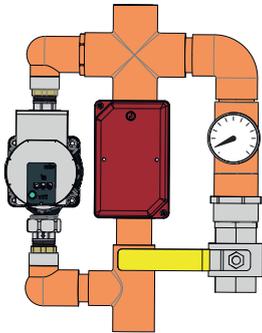
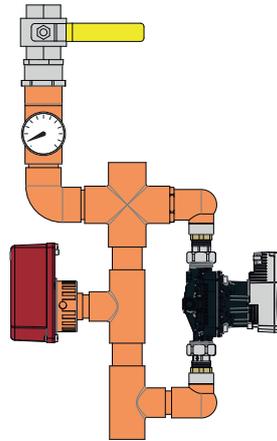


Zonecheck® Residential

ZC-RESPF-DS-10/21-3

 Full Bore CPVC RISER
 Full Bore CPVC VOID


CPVC RISER



CPVC VOID


 Simple & Compliant
 Flow-switch Testing


Full Sized Drain



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 a single sprinkler head operation and tests the flow-switch without discharging water. Zonecheck® Residential simplifies flow-switch testing for domestic and residential properties. Its compact design makes it ideal for apartments, homes and mixed use developments, its easy to install and allows testing to be performed at the flick of a switch. Further to this, each test is performed without wasting a drop of water. This version of the product features a full bore drain valve.

Zonecheck Residential comes with a mini-switch as standard but can also be supplied with key-switch or IMM to form part of a Zonecheck Addressable system.

Specification

Pump

Voltage..... 1~230v 50/60 Hz
 I_{max}..... 0.66 A
 Max Power Rating..... 75 W
 IP Rating..... IPX4D
 Cable Type (supplied)..... 1.5m Molex Cable

Flow-switch

Type..... VSR-SG
 IP Rating..... IP54
 Triggering Flow Rate..... 15-38 L/min (UL)
 Contact Rating..... 10 A @125/250v AC;
 2.0 Amps @30v DC

Zonecheck Residential

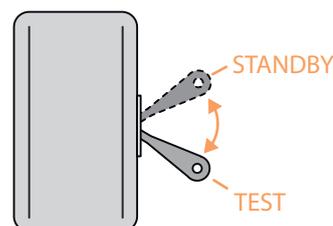
Max Pressure Rating..... 10 bar
 Pipe Type..... CPVC
 Pipe Diameters Ø..... 25, 32, 40, 50 mm
 (1", 1¼", 1½", 2")
 Pipe and Fittings..... Spears Flame Guard

Mini-switch

Model..... ZCKYSR
 Key Type..... Fish Key
 Dimensions..... 82 x 82 x 40 mm

Testing

Note: Testing for mini-switch shown.

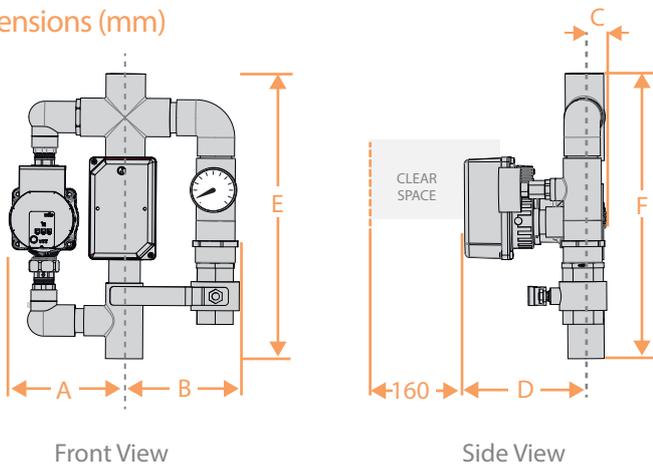


CPVC RISER

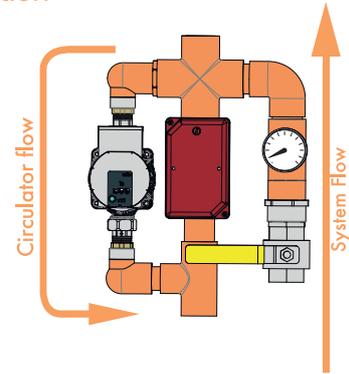
Riser Installation

Zonecheck Residential connects into CPVC fire sprinkler pipework using the industry standard solvent cement welding process. The lightweight design makes them easier to handle during transport and installation. The riser model should only be installed in the upright position.

Dimensions (mm)



Orientation

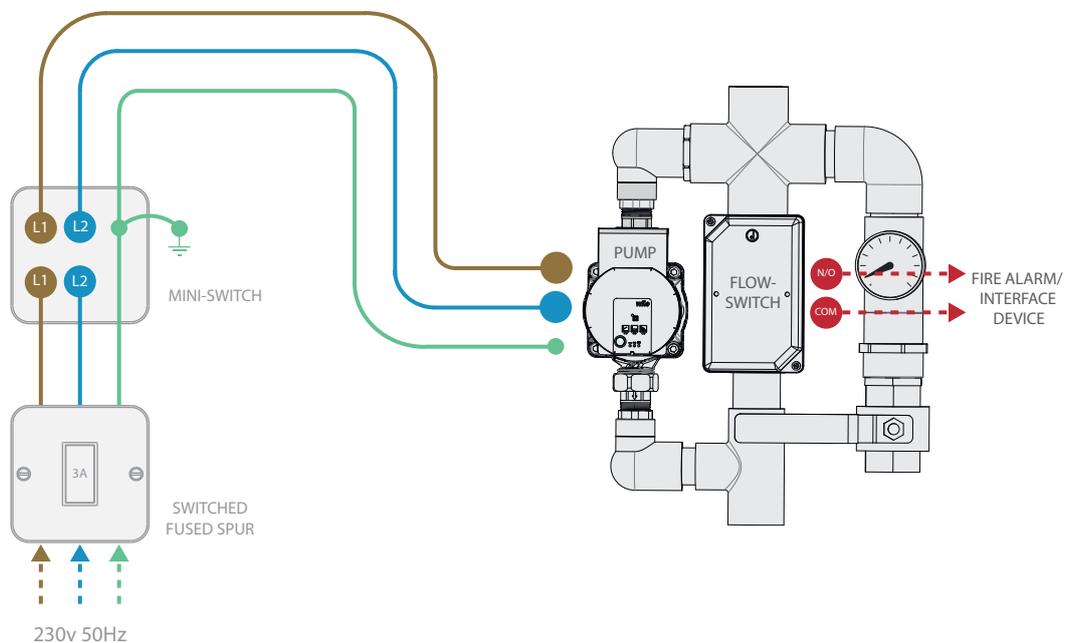


| in | Ø | Part Code | A | B | C | D | E | F (max) | Weight (Kg) |
|-----|----|---------------|-----|-----|----|-----|-----|---------|-------------|
| 1" | 25 | ZC-RESPR-25FB | 135 | 65 | 25 | 160 | 370 | 370 | 3.9 |
| 1¼" | 32 | ZC-RESPR-32FB | 155 | 155 | 35 | 165 | 395 | 395 | 4.4 |
| 1½" | 40 | ZC-RESPR-40FB | 165 | 175 | 35 | 170 | 405 | 420 | 5.3 |
| 2" | 50 | ZC-RESPR-50FB | 175 | 220 | 45 | 170 | 420 | 475 | 6.1 |

Please note: Dimensions are ± 5 mm.

Wiring Diagram

Note: Wiring for mini-switch shown.

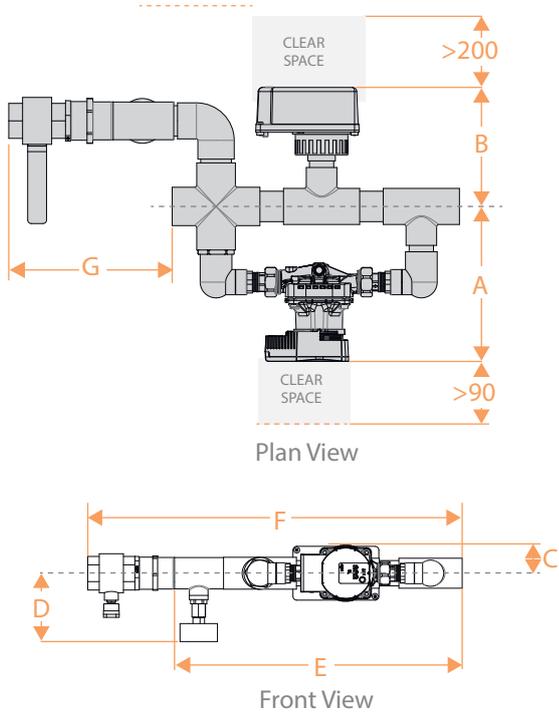


CPVC VOID

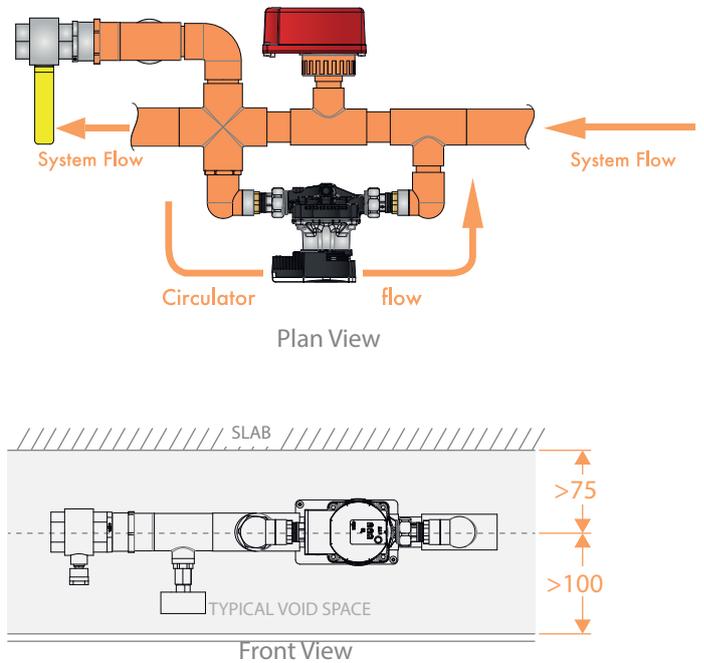
Void Installation

Zonecheck Residential connects into CPVC fire sprinkler pipework using the industry standard solvent cement welding process. The light weight design makes them easier to handle during transport and installation.

Dimensions (mm)



Orientation



| in | Ø | Part Code | A | B | C | D | E | F | G | Weight (Kg) |
|-----|----|---------------|-----|-----|----|-----|-----|-----|-----|-------------|
| 1" | 25 | ZC-RESPV-25FB | 200 | 160 | 50 | 110 | 370 | 610 | 240 | 3.9 |
| 1¼" | 32 | ZC-RESPV-32FB | 215 | 165 | 50 | 115 | 395 | 620 | 225 | 4.4 |
| 1½" | 40 | ZC-RESPV-40FB | 225 | 170 | 50 | 120 | 405 | 680 | 280 | 5.3 |
| 2" | 50 | ZC-RESPV-50FB | 240 | 220 | 55 | 130 | 420 | 740 | 320 | 6.1 |

Please note: Dimensions are ±5 mm. Key-switch and IMM variations available on request.

Hangers & Supports

Use approved pipe supports at a maximum of 100 mm from the inlet and outlet of each Zonecheck Residential Void model.

