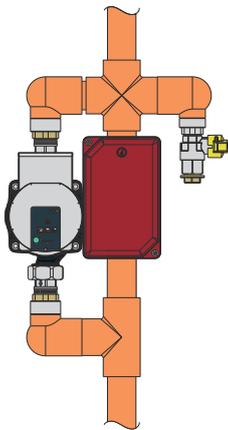


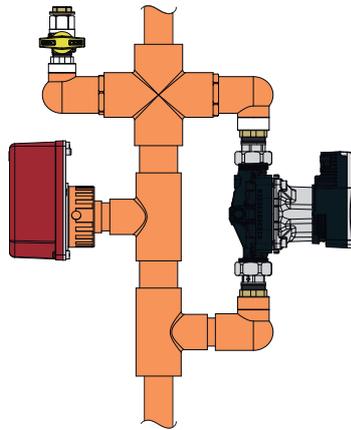
Zonecheck[®] Residential

CPVC RISER
CPVC VOID

ZC-RESP-DS-12/21-5



CPVC RISER



CPVC VOID



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 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. Tested by WarringtonFire, Ad-Hoc Test Report No. 409529.

This version of Zonecheck Residential is designed for testing of flow-switches in remote sprinkler zones e.g. where each floor or each apartment of a block of flats is a sperate sprinkler zone. A “full bore” version of this product is also available which is designed to be used where a full flow test is required e.g. at the start of a sprinkler installation. For more information, please contact Project Fire.

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 flying lead

Mini-switch

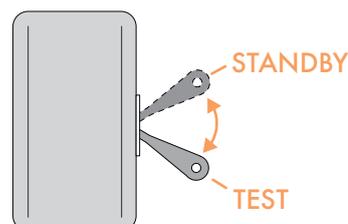
Model.....ZCKYSR
Key Type.....Fish Key
Dimensions.....82 x 82 x 40 mm

Note: Key-switch and IMM versions also available

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

Testing



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

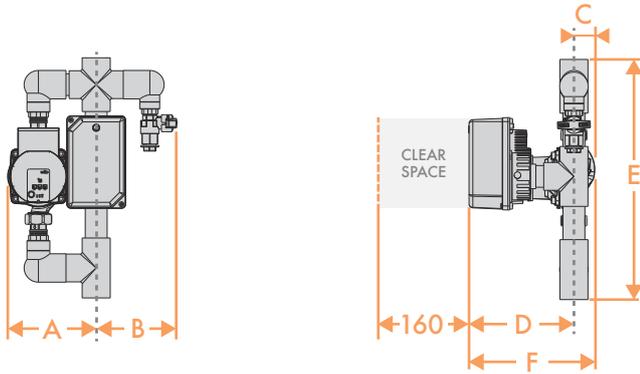
Data Sheet

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.

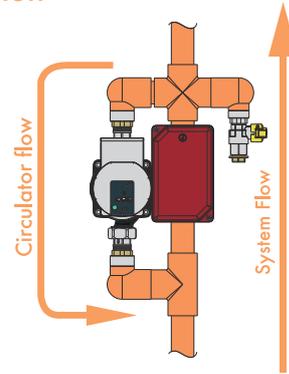
Dimensions (mm)



Front View

Side View

Orientation

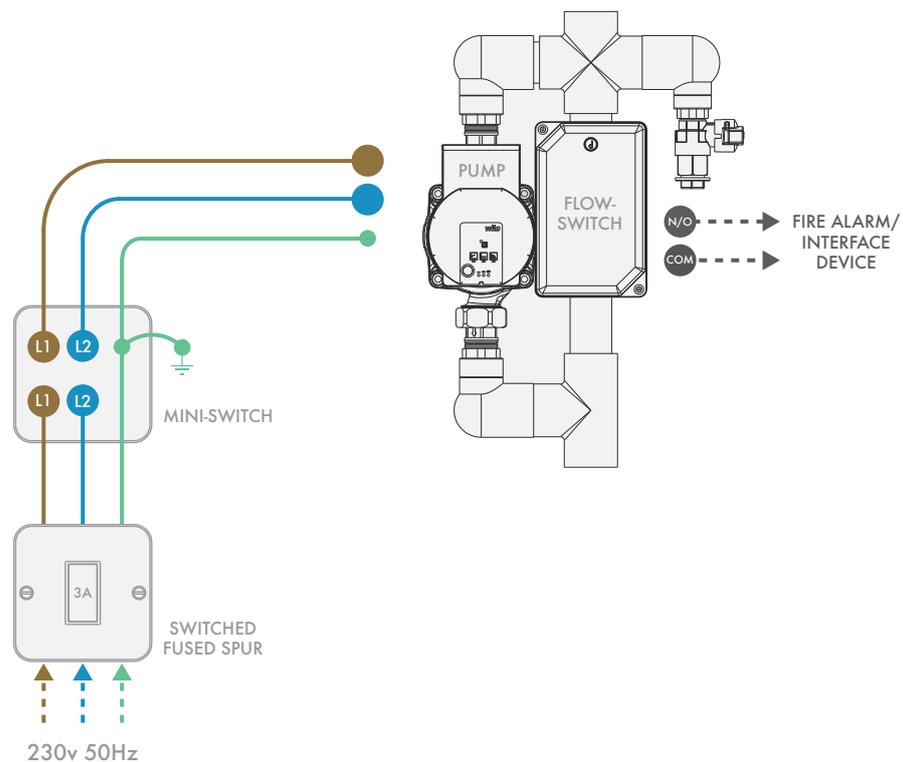


Front View

in	Ø	Part Code	A	B	C	D	E	F	Weight (Kg)
1"	25	ZC-RESPR-25	135	135	30	170	370	200	3.5
1¼"	32	ZC-RESPR-32	155	160	30	175	395	205	3.8
1½"	40	ZC-RESPR-40	165	170	35	180	405	215	4.1
2"	50	ZC-RESPR-50	170	180	40	180	420	220	4.7

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

Wiring Diagram

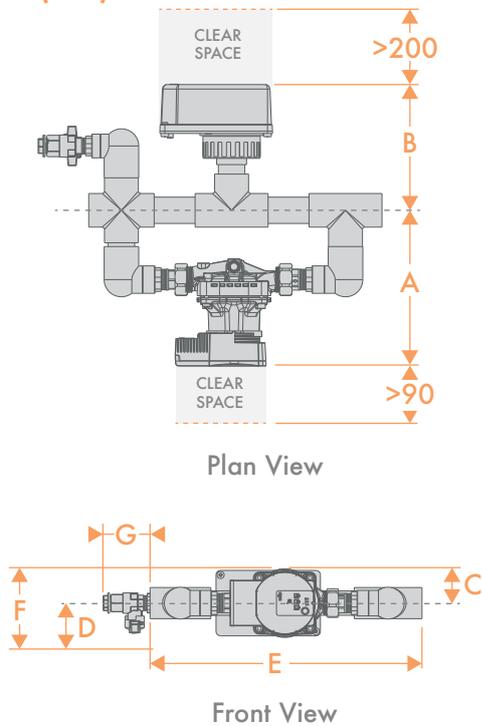


CPVC VOID

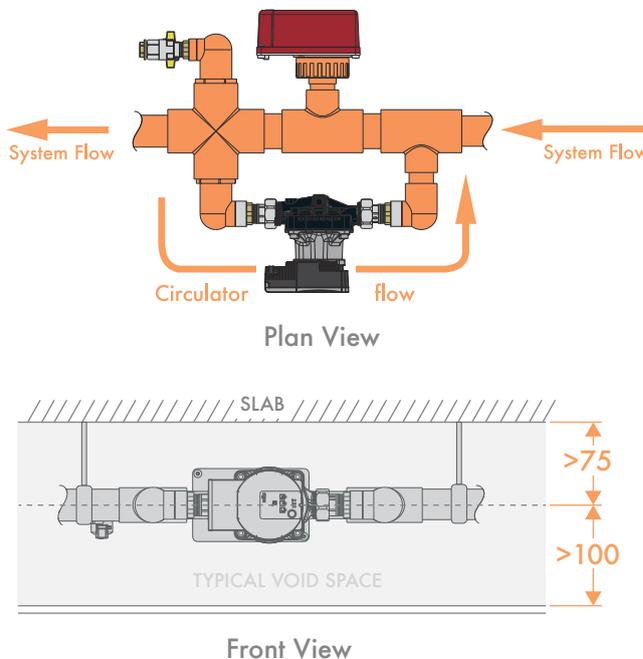
Void Installation

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-25	195	160	50	65	370	115	65	3.5
1¼"	32	ZC-RESPV-32	215	165	50	70	395	120	45	3.8
1½"	40	ZC-RESPV-40	225	170	50	75	405	125	40	4.1
2"	50	ZC-RESPV-50	235	175	50	80	420	130	30	4.7

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.

