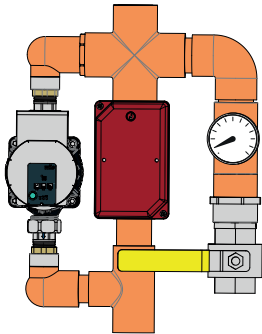
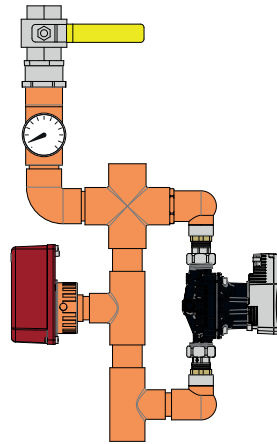


# Zonecheck® Residential

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<sub>max</sub>..... 0.66 A  
 Max Power Rating..... 75 W  
 IP Rating..... IPX4D  
 Cable Type (supplied)..... 1.5m Molex Cable

### Mini-switch

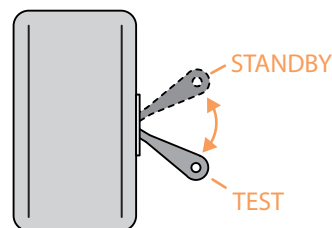
Model..... ZCKYSR  
 Key Type..... Fish Key  
 Dimensions..... 82 x 82 x 40 mm

### 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

Note: Testing for mini-switch shown.



### Zonecheck Residential

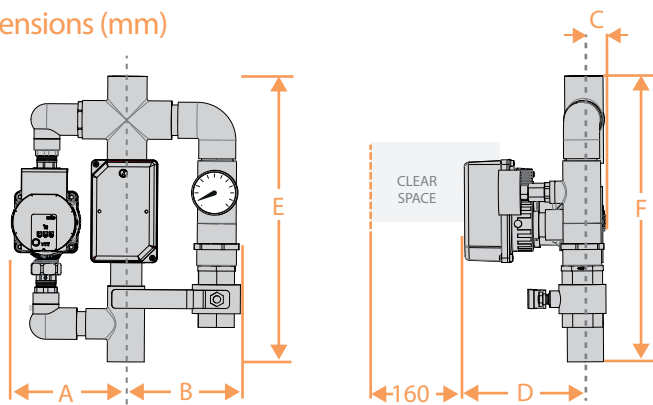
Max Pressure Rating..... 10 bar  
 Pipe Type..... CPVC  
 Pipe Diameters Ø..... 25, 32, 40, 50 mm  
 (1", 1¼", 1½", 2")  
 Pipe and Fittings..... Spears Flame Guard

## 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.

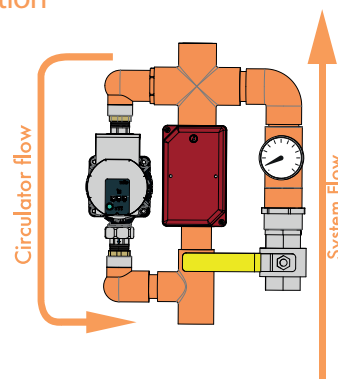
### Dimensions (mm)



Front View

Side View

### Orientation



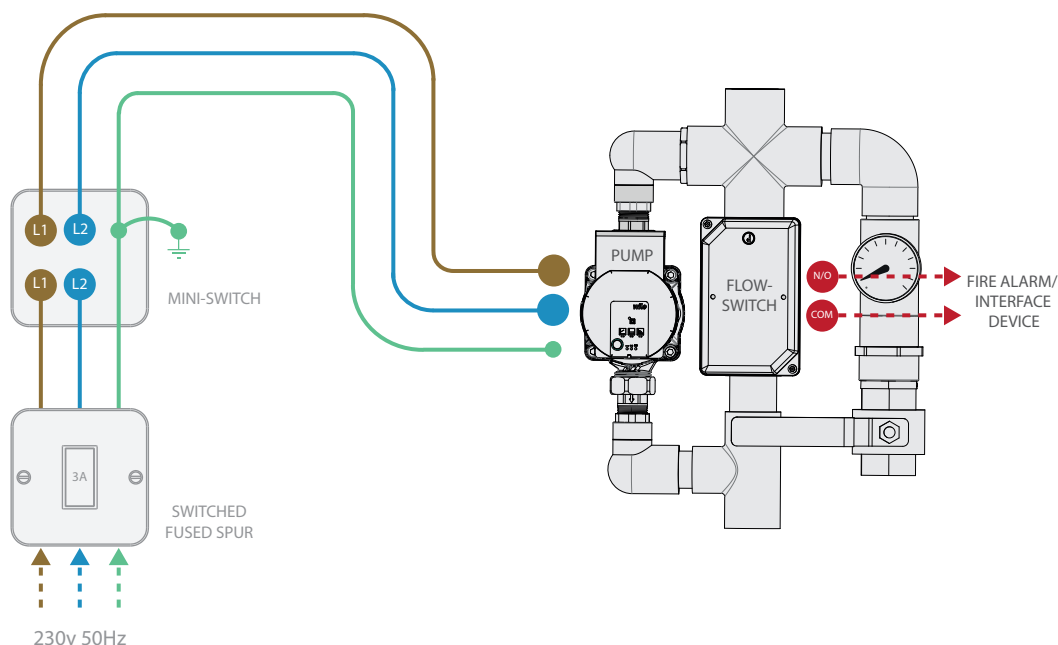
Front View

in	Ø	Part Code	A	B	C	D	E	F (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  $\pm 5$  mm.

### Wiring Diagram

Note: Wiring for mini-switch shown.

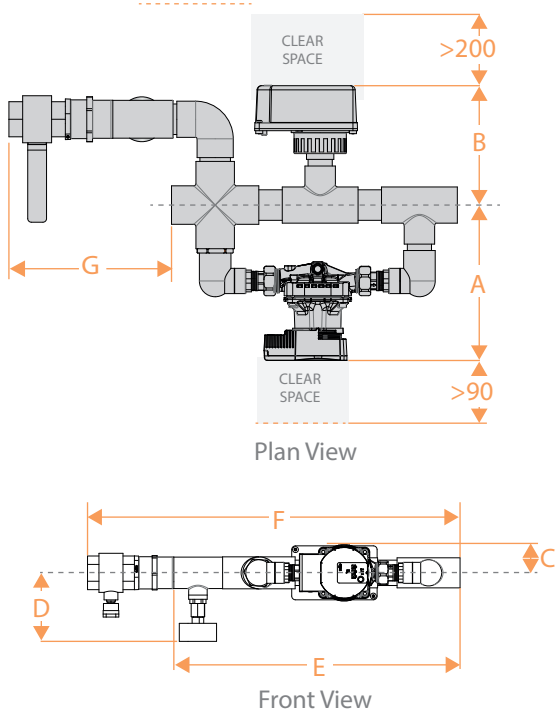


## CPVC VOID

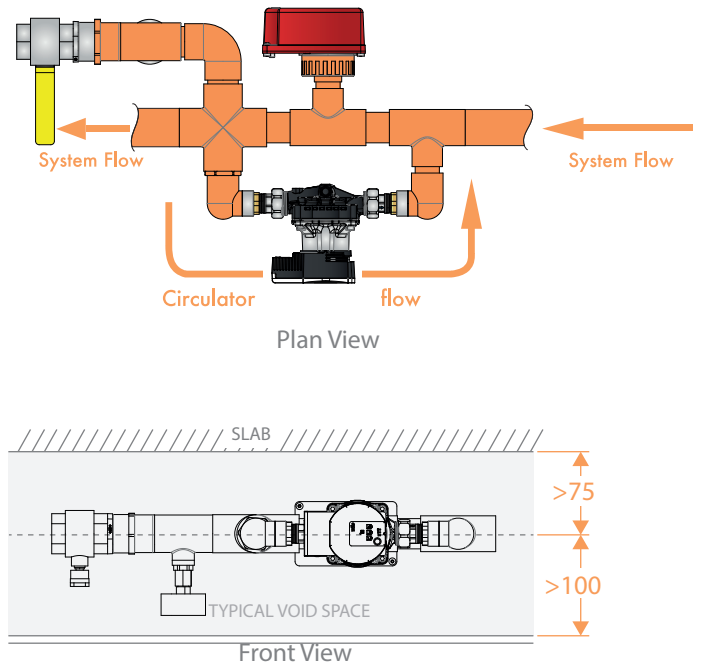
### Void Installation

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  $\pm 5$  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.

