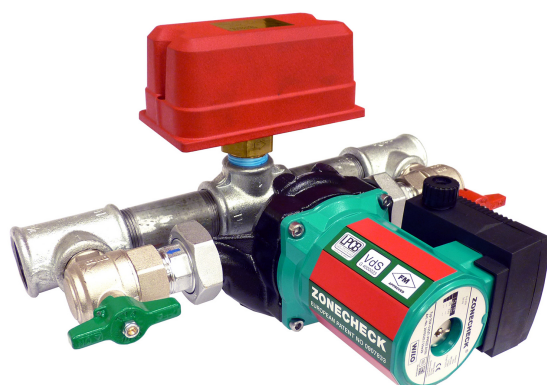


# Zonecheck® Residential

## Addressable

ZCR-ADD-DS-10/18-8



Evidence of compliant  
flow-switch testing



Automatic Testing &  
Record Keeping



Soft Test Facility

### 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 residential and mixed use properties. The compact design makes it ideal for buildings such as care homes, apartment blocks and mixed-use buildings, its easy to install and allows testing to be managed remotely via the Addressable Controller (sold separately). Automatic testing and recorded logs are managed by a series of intelligent monitoring modules (IMM) all interconnected to one central controller. The controller has the capability to initiate a simultaneous flow-switch test for every Zonecheck in the building at the push of a button or as part of an automatic, on-going routine.

### Zonecheck Pump

Operating Voltage.....240v 50Hz  
 Full Load Current..... 0.93 A  
 Power Rating..... 195 watts  
 IP Rating.....IP43  
 WP Rating..... 12 bar (175 psi)

### Flow-switch

Type.....WFDT  
 Enclosure Rating..... UL indoor/outdoor rated  
 Contacts..... 2 sets of SPDT (Form C)  
 Triggering flow rate.....15-38 l/min (4-10 GPM)  
 Working pressure.....17.25bar (250 psi) max;  
 Operating Temp Range.....0-49°C (32-120°F)

### Cable Requirements

Type of Cable.....Fire-resistant screened  
 cable (FP200 or an equal  
 equivalent)  
 Size of Conductors.....1.5 mm<sup>2</sup>      2.5 mm<sup>2</sup>  
 Max Loop Length.....3 km      4.5 km

### IMM

Mains Power Supply..... 120-240 VAC 50/60 Hz- 250w max  
 PCB Voltage rating..... 120-240 VAC 50/60 Hz- 250w max

### IMM Aux Outputs

Number of outputs..... 1  
 Type.....Relay, volt free, single pole,  
 changeover/switched mains for pump  
 Max switching current.....3A resistive  
 Max switching voltage.....230VAC, 30VDC  
 Relay 1, Fire condition.....Active when a flow-switch is triggered,  
 not under a test situation  
 Switched mains for pump.... 250VAC-3A

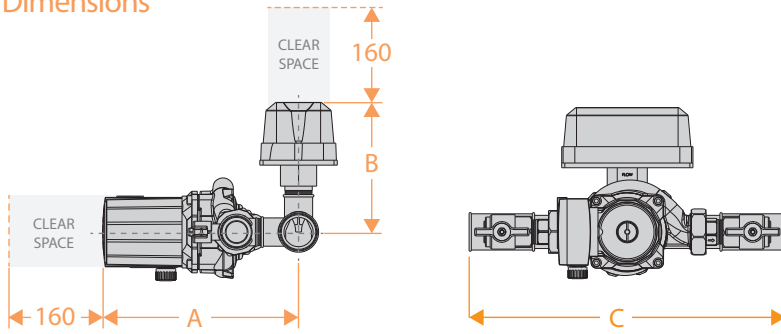
### IMM Inputs

Mains power supply..... 110-230VAC 50/60 Hz  
 Flow-switch Input.....Monitors a flow-switch  
 Monitored valve input..... Monitors zone/isolation valve

### IMM Dimensions

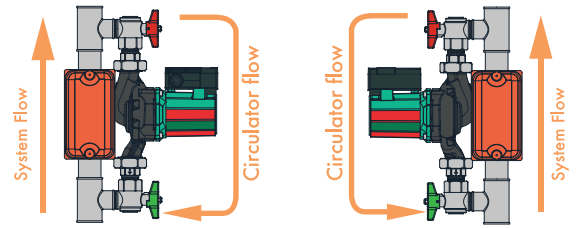
Dimensions (WxHxD)..... 301 x 198 x 80 mm  
 Weight..... 2 Kg

## Dimensions



## Orientation

View from above



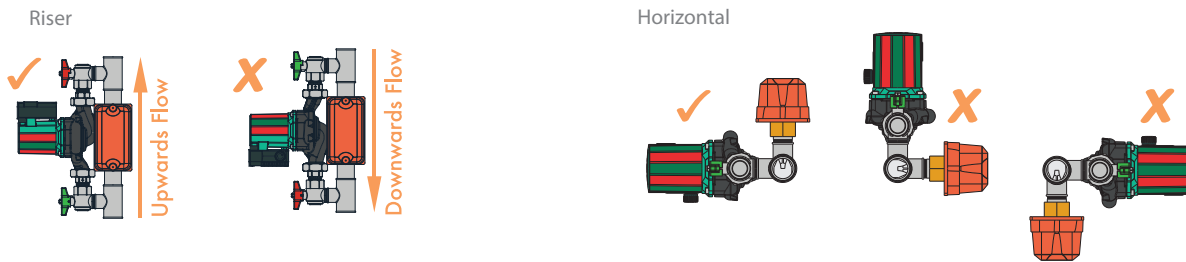
Left handed

Right handed

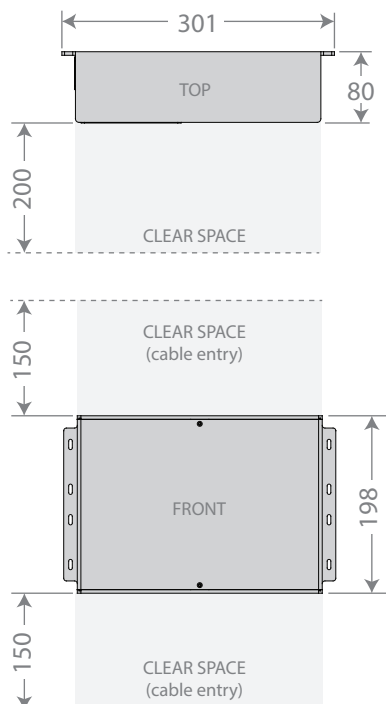
Part Code	in	Ø	A	B	C	Weight (Kg)
ZC-RESAD25	1"	25	230	145	395	11.8
ZC-RESAD32	1¼"	32	240	155	400	12.2
ZC-RESAD40	1½"	40	240	155	405	12.7

[Left hand - LH - models available on request]

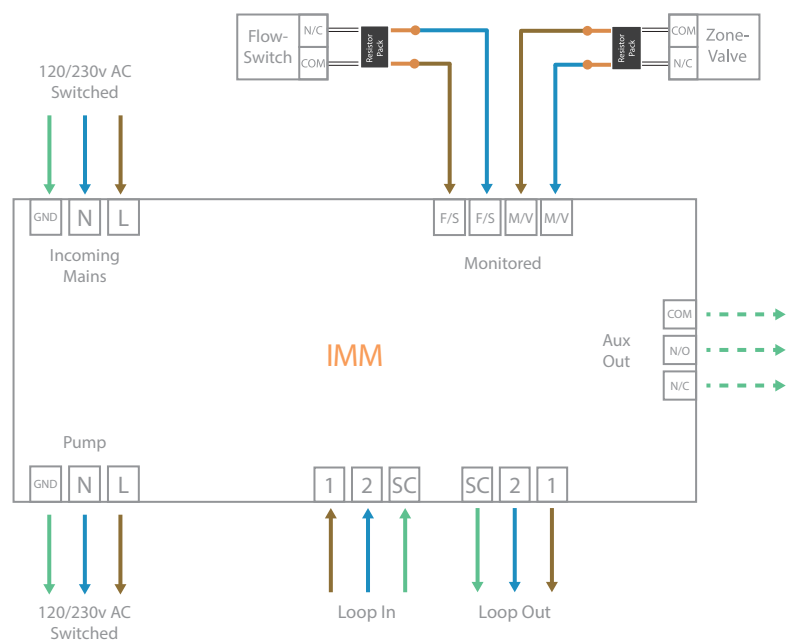
## Orientation



## IMM Dimensions



## IMM Wiring



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