

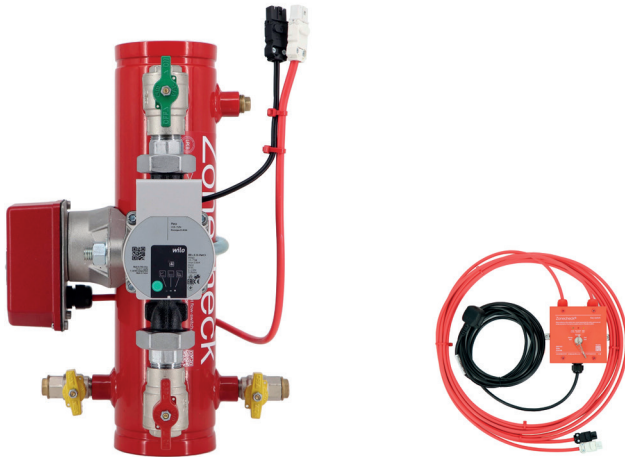
# Zonecheck®

Flow-switch Testing Device

PREWIRED

**projectfire**  
innovators in fire protection

ZC-PW-DS-09\_21-03



**Simple, Quick & Compliant  
Flow-switch Testing**



**100% Water Saving**



**Pre Wired For Easy  
Commisioning**

## Overview

Zonecheck solves the problems associated with traditional flow-switch testing by removing the need to discharge water. A Zonecheck unit incorporates an approved flow-switch with a testing pump and circulation loop. When the pump is activated via the local key-switch, water is circulated across the flow-switch at a flow equivalent to one sprinkler head in operation (required by code standards). The Key-switch is used to activate the Zonecheck test and indicate flow-switch activation as well as the local valve-status. The pre-wired version of the zonecheck comes complete with a 5m loom of fire proof cable and a UK 3 pin plug to allow installation and commissioning without an electrician.

*\*Please state any specific approvals, electrical requirements, finishes etc. when ordering.*

## Specification

### Zonecheck

Working Pressure Rating..... Water, 12 bar (175 psi) maximum  
Operating Temp Range..... 0°C - 49°C (32°F - 120°F)  
Pipe Diameter..... 50, 65, 80, 100, 150 & 200 mm (2-8")  
Approvals..... LPCB, UL, FM and VdS\*  
IP rated (whole unit)..... 54

### Cable

Type..... Fire Performance Cable  
Loom length..... 5m  
Properties..... Low-smoke, zero halogen & flame retardant.  
Cable Approval..... BS7629-1, BS6387 & LPCB BS5839-1

### Flow-switch

Type..... Potter VSR-EU  
Contact Rating..... 10A@125/250 VAC  
2.0Amps @ 30 VDC  
IP Rating..... IP54  
Time Delay..... 0 - 30 s

### Pump

Type..... Wilo Para  
Operating Voltage..... 1~230v 50/60Hz  
Imax..... 0.66 A  
Max Power Rating..... 75 W  
IP Rating..... IPX4D

### Key-switch

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



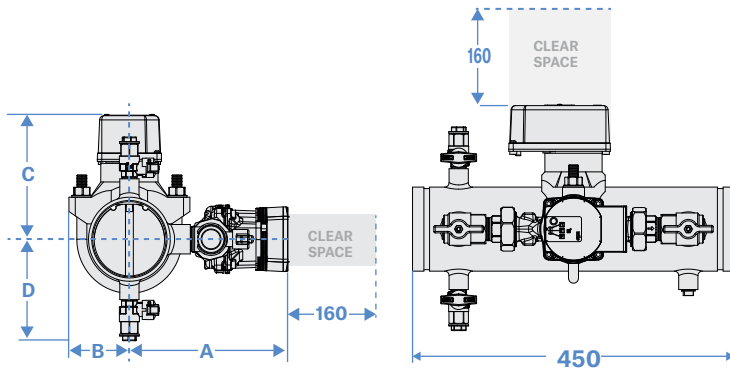
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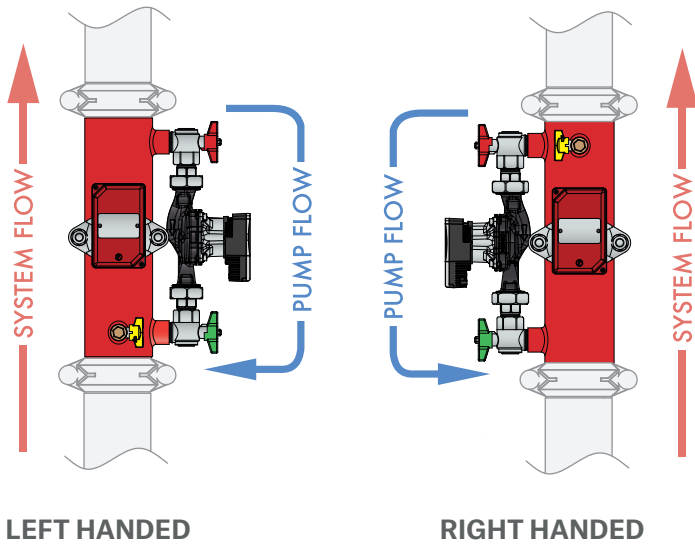
# Data Sheet

## Dimensions



Øin	Ømm	A	B	C	D
2"	50	210	66	145	116
2½"	65	215	66	155	124
3"	80	220	85	165	130
4"	100	225	85	170	140
6"	150	250	115	195	170
8"	200	275	150	225	195

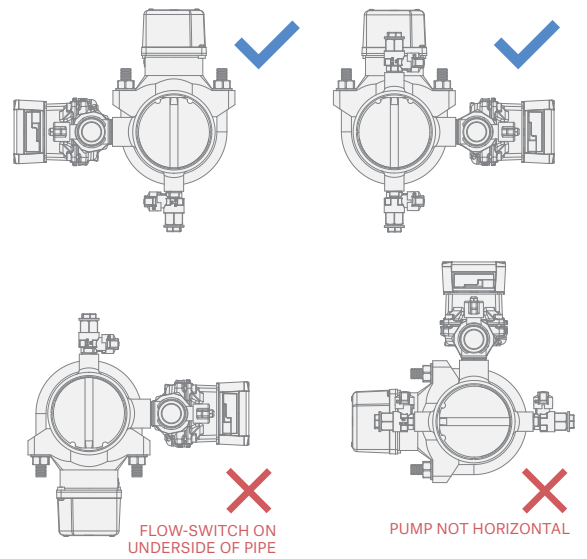
## Orientation



LEFT HANDED

RIGHT HANDED

## Installation



## Wiring Diagram

