

# Data Sheet

ZC-ADD-DS-03/23-09

# Zonecheck Addressable

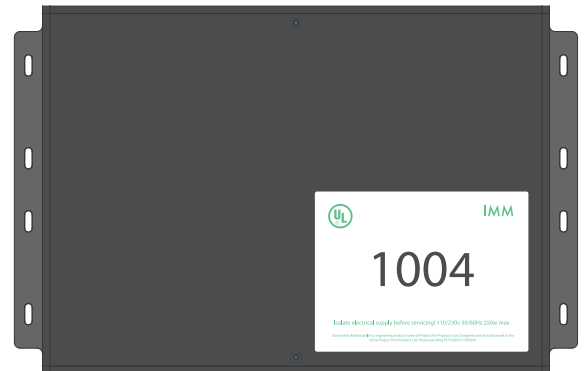
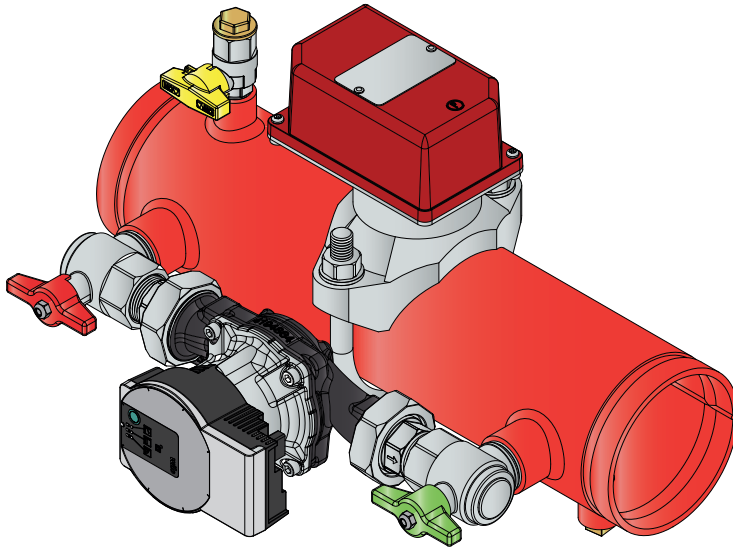
## OVERVIEW

Zonecheck Addressable is a system designed to effectively manage a buildings ow-switch alarm testing routine. 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 ow-switch test for every Zonecheck in the building at the push of a button or as part of an automatic, on-going routine.



## Specifications



### ZONECHECK

Working pressure rating	Water, 12 bar (175 psi) max
Operating temp range	0°C - 49°C (32°F - 120°F)
Pipe diameter	50/65/80/100/150/200mm (2-8")
Approvals	LPCB, UL, FM and VdS

### PUMP

Type	Wilo Para
Operating voltage	230v 50Hz
Amps	0.82A
Max power rating	75W
IP Rating	IPX4D

### CABLE

Type	Fire-resistant screened cable (FP200 or an equal equivalent)
Size of conductors	1.5mm <sup>2</sup> , 2.5mm <sup>2</sup>
Max loop length	3km, 4.5km
Cable approval	BS7629-1, BS6387 & LPCB BS5839-1

### IMM

Mains power supply	120-240 VAC 50/60 Hz-250w Max
Number of outputs	1
Type	Relay, Volt free, Single pole, Changeover/ switched mains for pump
Max voltage/ current	3A resistive, 230VAC, 30VDC, 0.35 power factor
Relay 1, Fire condition	
Switched mains for pumps	250VAC -3A

### INPUTS & AUXILIARY INPUTS

Mains power supply	110-230VAC 50/60 Hz
Flow-switch input	Monitors a flow switch
Monitored valve input	Monitors an external valve source

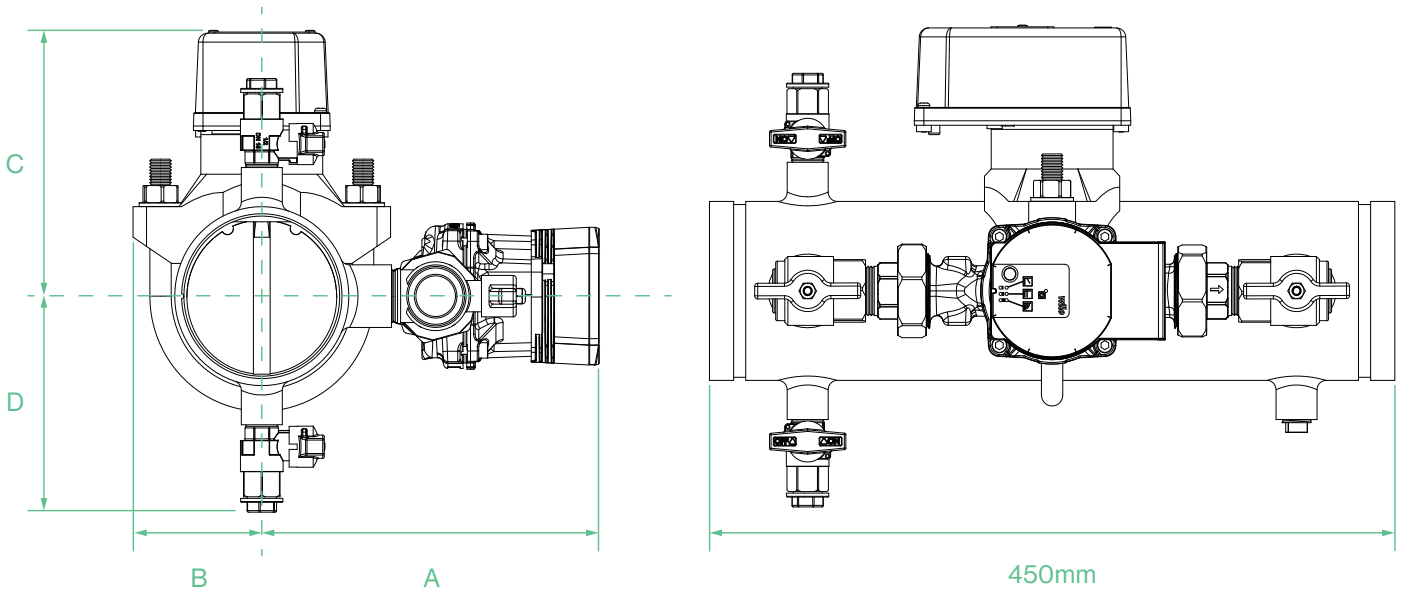
### PHYSICAL DIMENSIONS

Dimensions (WxHxD)	301 x 198 x 78mm
Weight	2Kg

# Dimensions

PART CODE	IN	ØMM	A	B	C	D
ZC450-AD50	2"	50	210	66	145	116
ZC450-AD65	2½"	65	215	66	155	124
ZC450-AD80	3"	80	220	85	165	130
ZC450-AD100	4"	100	225	85	170	140
ZC450-AD150	6"	150	250	115	195	170
ZC450-AD200	8"	200	275	150	225	195

\*Please leave a minimum of 160mm above the face flow-switch and pump head for access and maintenance.

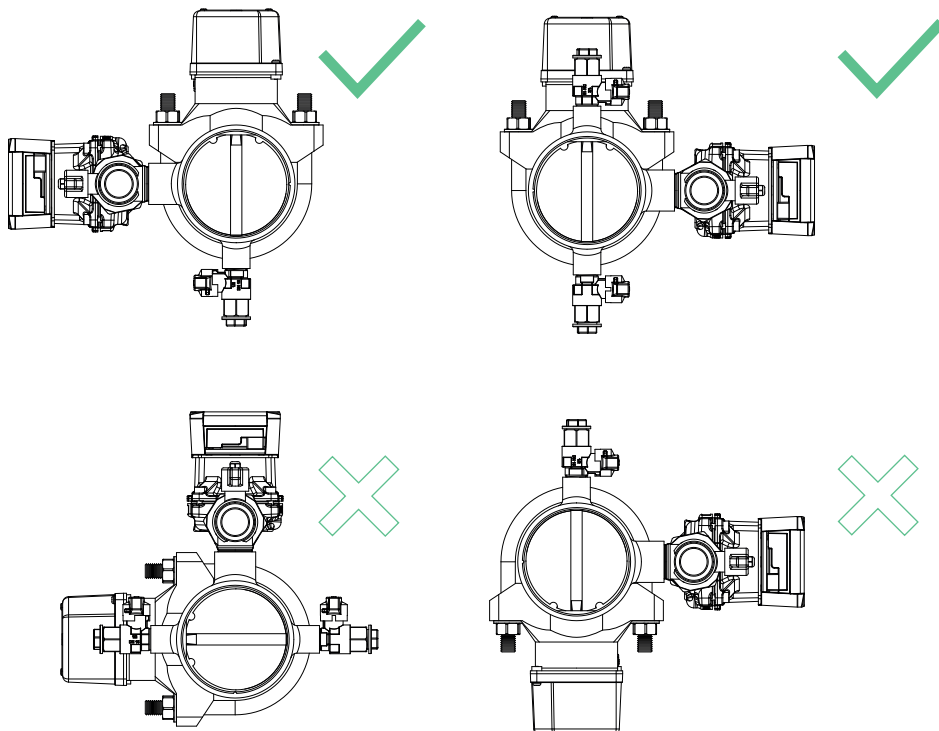


# Orientation

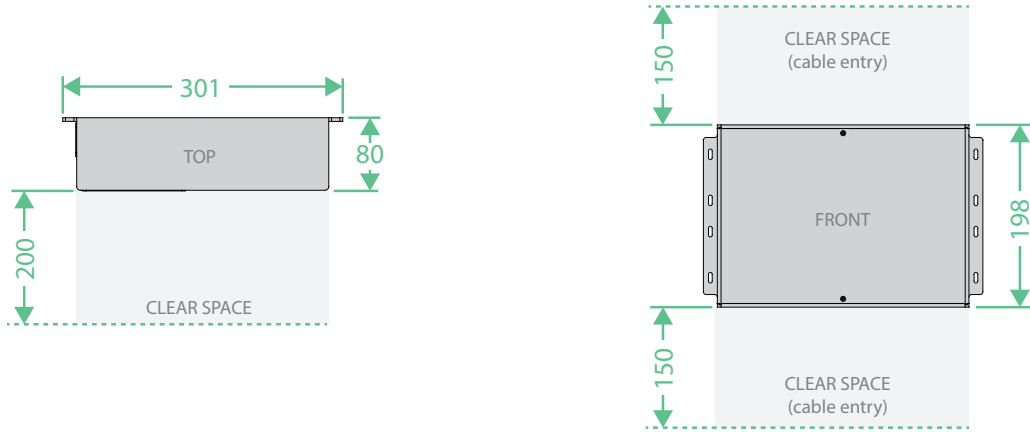
Zonecheck can be installed both horizontally and vertically. Please check the directional arrows on the pump casting before installing. Pump flow should be opposite to the sprinkler systems flow.

When installing horizontally the flow-switch must face upwards and can not be installed facing sideways or below the pipe.

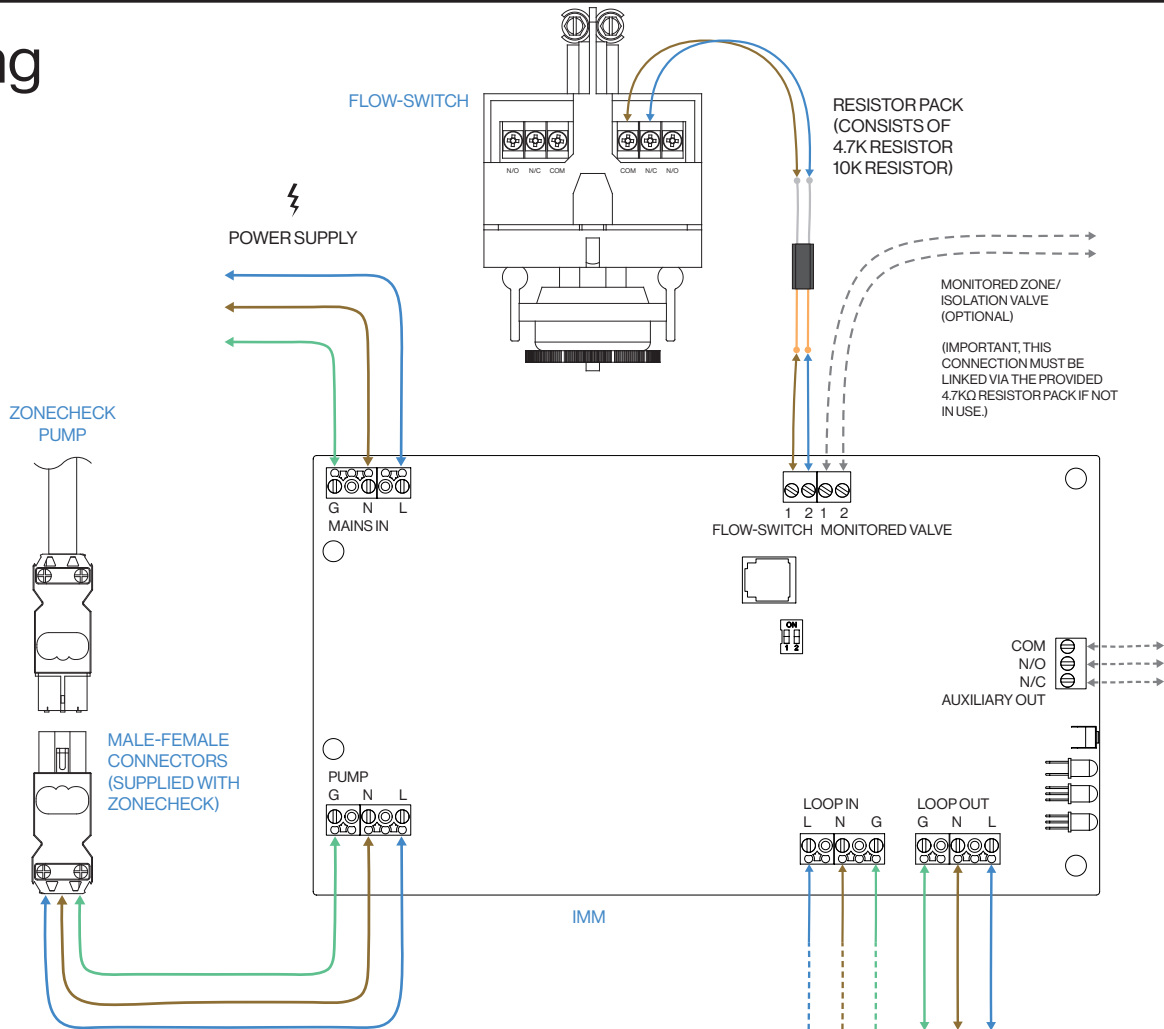
Left hand and right hand models are designed for when Zonecheck is installed along walls and space is limited.



# IMM Dimensions



# Wiring



100% water saving

Automated testing

Approved

Simplified testing method

Code compliant

Sustainable testing

No water discharge

UL

Efficient

Data Storage

Designed and manufactured in the UK by Project Fire Products Ltd.

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