

DATA SHEET

ZC-ADD-DS-08/18-05

ADDRESSABLE ZONECHECK 450



Evidence of compliant flow-switch testing



Automatic Testing & Record Keeping



Soft Test Facility

Overview

Zonecheck Addressable is a system designed to effectively manage a buildings flow-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 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

Zonecheck Pump

Approvals..... LPCB, UL, FM and VdS
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

Contact Rating..... 10A @ 125/250 AC
Triggering Flow Rate..... 30-57 litres per minutes
Static Pressure..... 17.25 bar (250 psi)
Operating Temperature..... 0°C – 49°C (32°F – 120°F)

Cable Requirements

Type of Cable..... Fire-resistant screened cable (FP200 or an equal equivalent)
Size of Conductors..... 1.5 mm² 2.5 mm²
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

Auxiliary 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

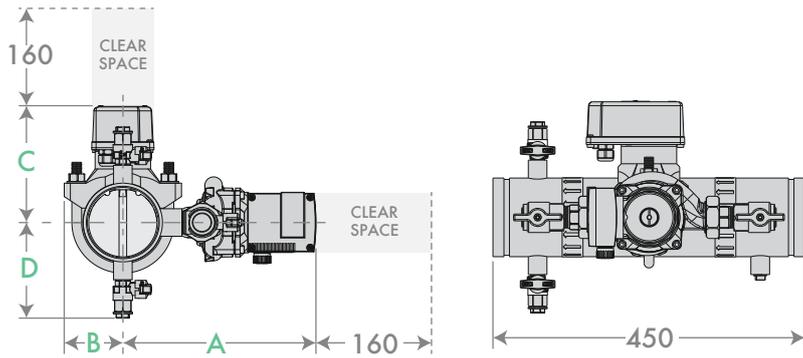
Inputs & Auxiliary Inputs

Mains power supply..... 110-230VAC 50/60 Hz
Addressable loop IN..... -
Addressable loop OUT..... -
Flow-switch Input..... Monitors a flow-switch
Monitored valve input..... Monitors an external valve source

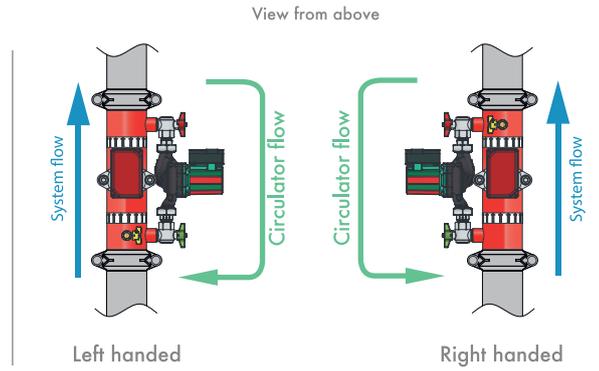
Physical Dimensions

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

Zonecheck Dimensions



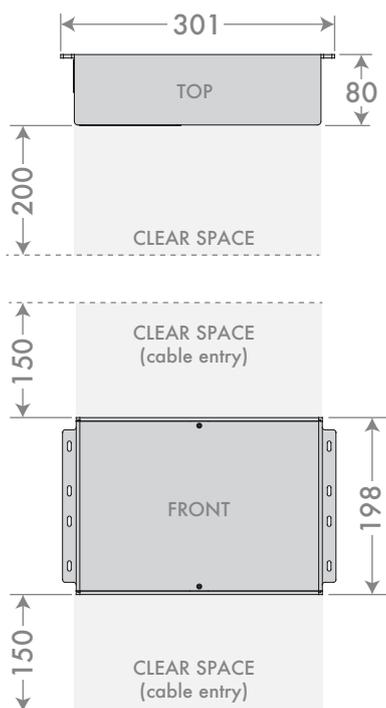
Orientation



Part Code	in	Ø	A	B	C	D	Weight (Kg)
ZC450-AD50RH	2"	50	256	58	150	116	14.0
ZC450-AD65RH	2½"	65	264	58	157	124	14.2
ZC450-AD80RH	3"	80	271	66	165	131	15.3
ZC450-AD100RH	4"	100	283	86	175	143	17.1
ZC450-AD150RH	6"	150	309	113	205	168	22.1
ZC450-AD200RH	8"	200	336	148	243	195	28

[Left hand - LH - models available on request]

IMM Dimensions



IMM Wiring

