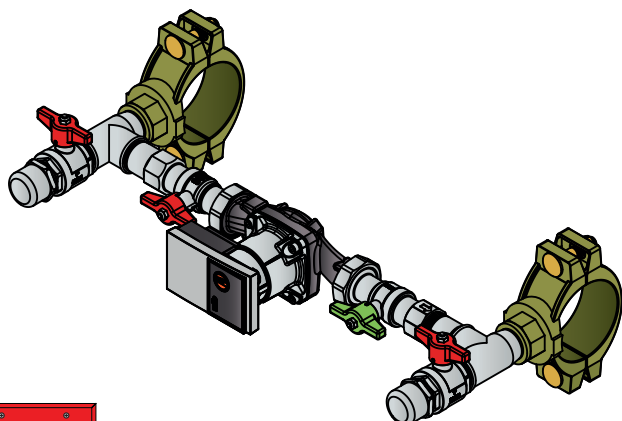


Zonecheck® Live

Flow-switch Testing Device


No Drain Down Required

Simple, Quick & Compliant Flow-switch Testing

100% Water Saving

Overview

Zonecheck® is a closed loop system that re-circulates water to simulate sprinkler head operation and tests the flow-switch without discharging water. Zonecheck® Live allows for retro-fitting 'around' an existing flow-switch without the need to drain down the system.

Installation

Use method statement WIUPD 006 which provides step by step instructions for installing the Zonecheck® Live and is available by contacting Project Fire Products Ltd or can be downloaded from www.livetap.co.uk

Specification

Pipe Diameter.....	65, 80, 100, 150 (2½ - 6")
Working Pressure Rating.....	Water, 12 bar (175psi) maximum
Operating Temperature Range.....	0°C - 49°C (32°F - 120°F)
Swarf Retention.....	Magnets are provided as part of the kit to retain any swarf and metal filings
Torque Settings.....	3/8" (M10) - Bolt Torque 30 lb (41Nm) 1/2" (M12) - Bolt Torque 50lb (68Nm) 5/8" (M16) - Bolt Torque 100lb (136Nm) 3/4" (M20) - Bolt Torque 160lb (217Nm)

Circulation Pumps

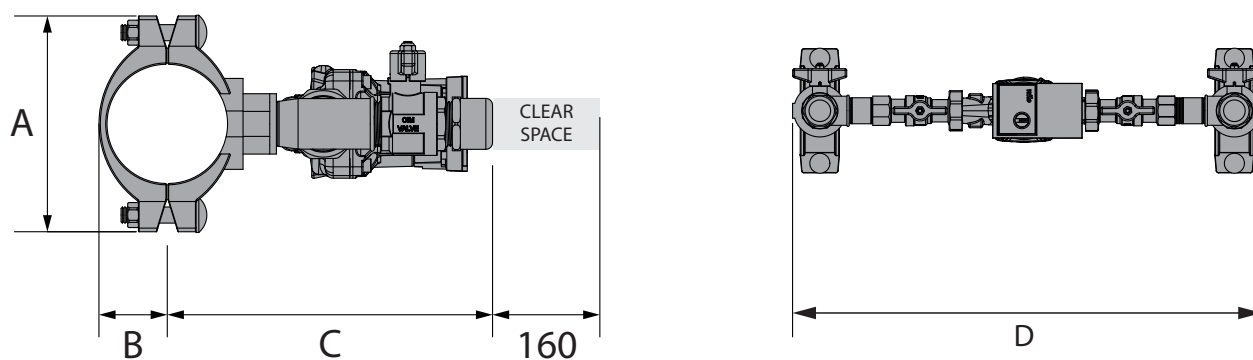
Ø65-100mm.....	WilloYonos Para
Operating Voltage.....	1-230v 50Hz
Full Load Current (max).....	0.66A
Power Rating (max).....	75W
IP Rating	X4D

Ø150mm.....	Wilo Yonos Para HF
Operating Voltage.....	1-230v 50Hz
Full Load Current (max).....	1A
Power Rating (max).....	120W
IP Rating	X4D

Key-switch

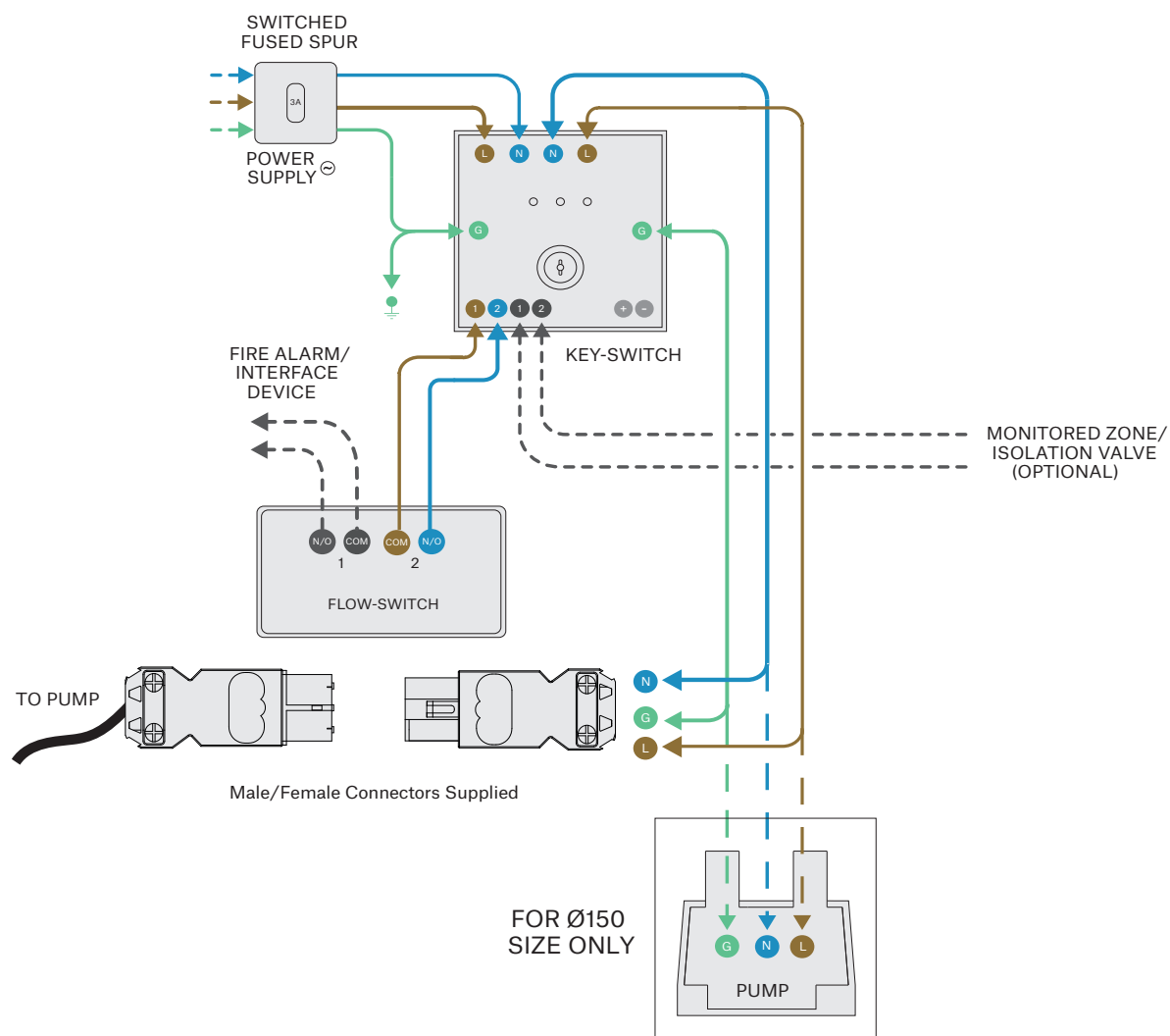
Model.....	ZCKYSE
Operating Voltage.....	220v 50Hz
Spare key set order.....	ZC-ALKK
LED indication.....	Pump Running Flow-switch activated Valve fault

Dimensions

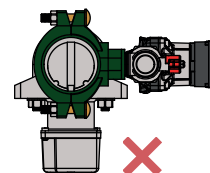
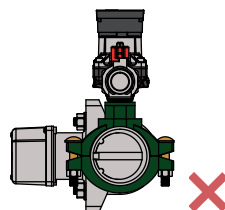
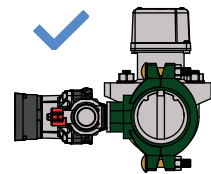
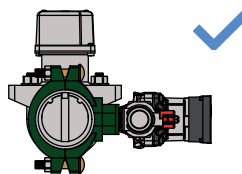
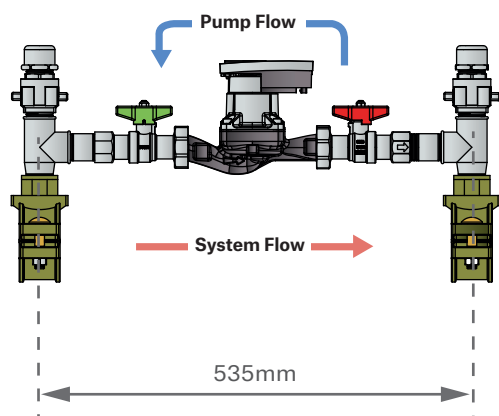


Øin	Ømm	A	B	C	D
2 ½"	65	150 5.9"	55 2"	245 9.6"	605 23.8"
3"	80	162 6.4"	55 2"	245 9.6"	610 24"
4"	100	195 7.7"	75 2.9"	255 10"	610 24"
6"	150	275 10.2"	105 4.1"	345 13.6"	625 24.6"

Wiring Diagram



Installation



PUMP NOT HORIZONTAL

FLOW-SWITCH ON UNDERSIDE OF PIPE

*Approvals

In the majority of multi-occupancy sprinklered premises it is a requirement of BS EN 12845 that each tenant should carry out a functional test on a fitted flow-switch every quarter. All international fire code standards such as NFPA etc all make the flow-switch test mandatory. Zonecheck can carry out this test at the turn of a key. Zonecheck Live is available with approvals from LPCB, VdS, FM & UL, please check with Project Fire.

Zonecheck is available for all approval bodies shown - note that components may vary based upon approval. Please state which approval is required when ordering.

Training

Only suitably trained and qualified personnel can use the Livetap® drilling system and its associated product range. All trained and qualified personnel are certificated and carry photo-identification. This certification should be inspected and verified prior to the commencement of any work. Full details of locally certified installers are available from Project Fire or our international distributor network.

All certified installers must use the comprehensive range of specialist tools which are included in the Livetap® system tool kit. Only approved Livetap® products should be used. Drills and fittings are available from the manufacturer or for hire from Project Fire Products (01889 271271)

Ordering information

Part code	Pipe size mm (in")	Weight (Kg)
LT-ZC65	65 (2½")	10.7
LT-ZC80	80 (3")	11.5
LT-ZC100	100 (4")	12.1
LT-ZC150	150 (6")	17.5
<i>Prewired version</i>		
LT-ZCP65	65 (2½")	13.7
LT-ZCP80	80 (3")	14.5
LT-ZCP100	100 (4")	15.1
LT-ZCP150	150 (6")	20.5

Spare parts and consumable kits are available from the manufacturer or for hire from approved distributors, please contact Project Fire Products for more information (01889 271271).


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projectfire
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