

Data Sheet

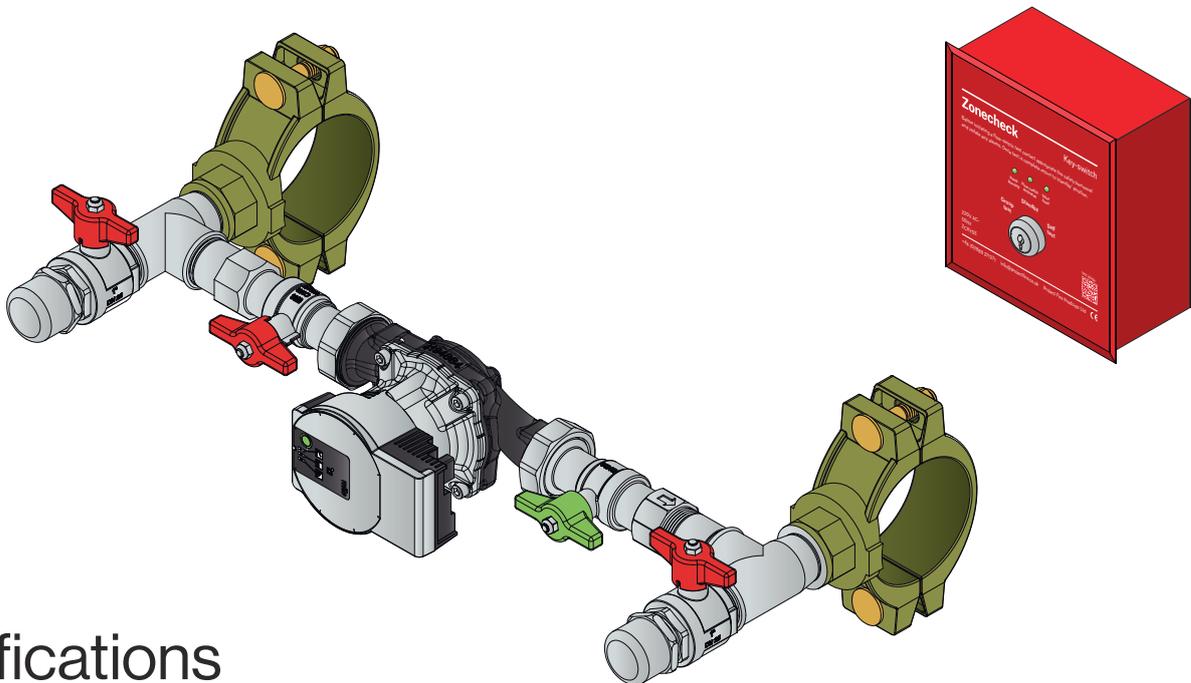
LT-ZCL-DS-03/23-06

Zonecheck Live

OVERVIEW

Zonecheck Live combines the Zonecheck® and Livetap family of products together by allowing our automated flow-switch testing device to be retro-fitted to existing systems without the need to drain down. Zonecheck uses a closed loop system that re-circulates water to simulate the operation of a sprinkler head to check the correct function of the flow-switch without discharging water. Zonecheck Live uses our Livetap drilling system to fit Zonecheck around an existing flow-switch whilst the water remains in the pipe and the sprinkler system remains in beneficial use.

A Livetap Kwik Vent can also be fitted at the same time (where required) to allow for venting of pipework (for more information on the Kwik Vent please refer to LT-KV-DS-03/11-04).



Specifications

ZONECHECK

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

PUMP

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

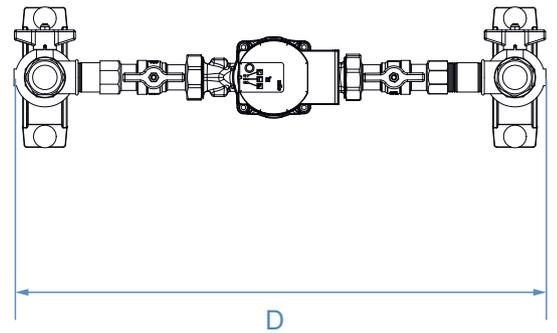
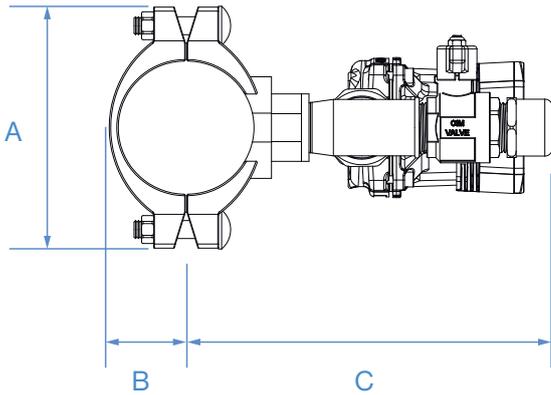
KEY-SWITCH

Voltage	230v 50Hz
Internal consumption	7.5W max
Amps	0.88A
LED indication	Pump running Flow-switch activated Valve fault (Optional)
Max key-switch group size	25
Max group cable length	300m
Product code (Order No.)	ZCKYSE
Spare key set (Order No.)	ZC-ALKK

Dimensions

PART CODE	IN	ØMM	A	B	C	D
LT-ZC-65	2½"	65	150	55	245	610
LT-ZC-80	3"	80	165	55	245	610
LT-ZC-100	4"	100	195	75	255	610
LT-ZC-150	6"	150	275	105	290	630

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

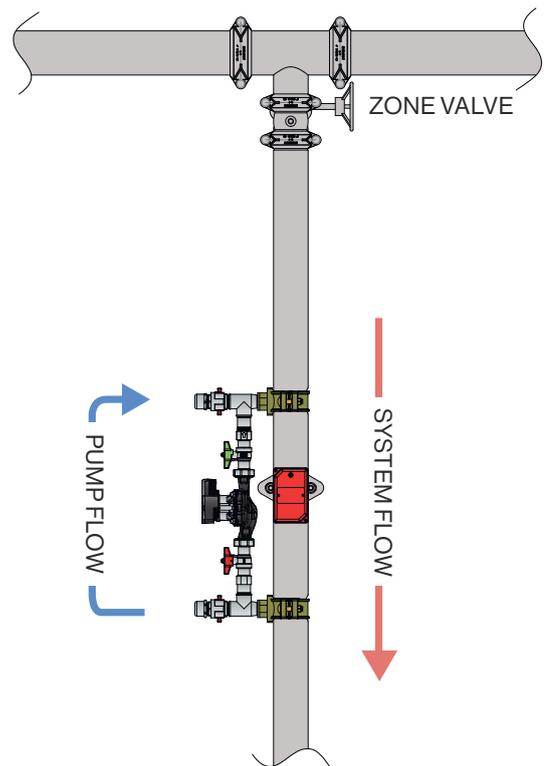
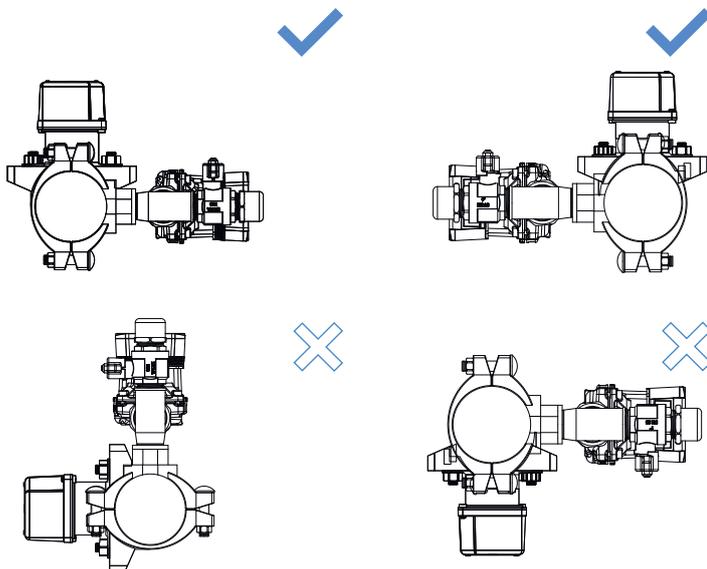


Orientation

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.

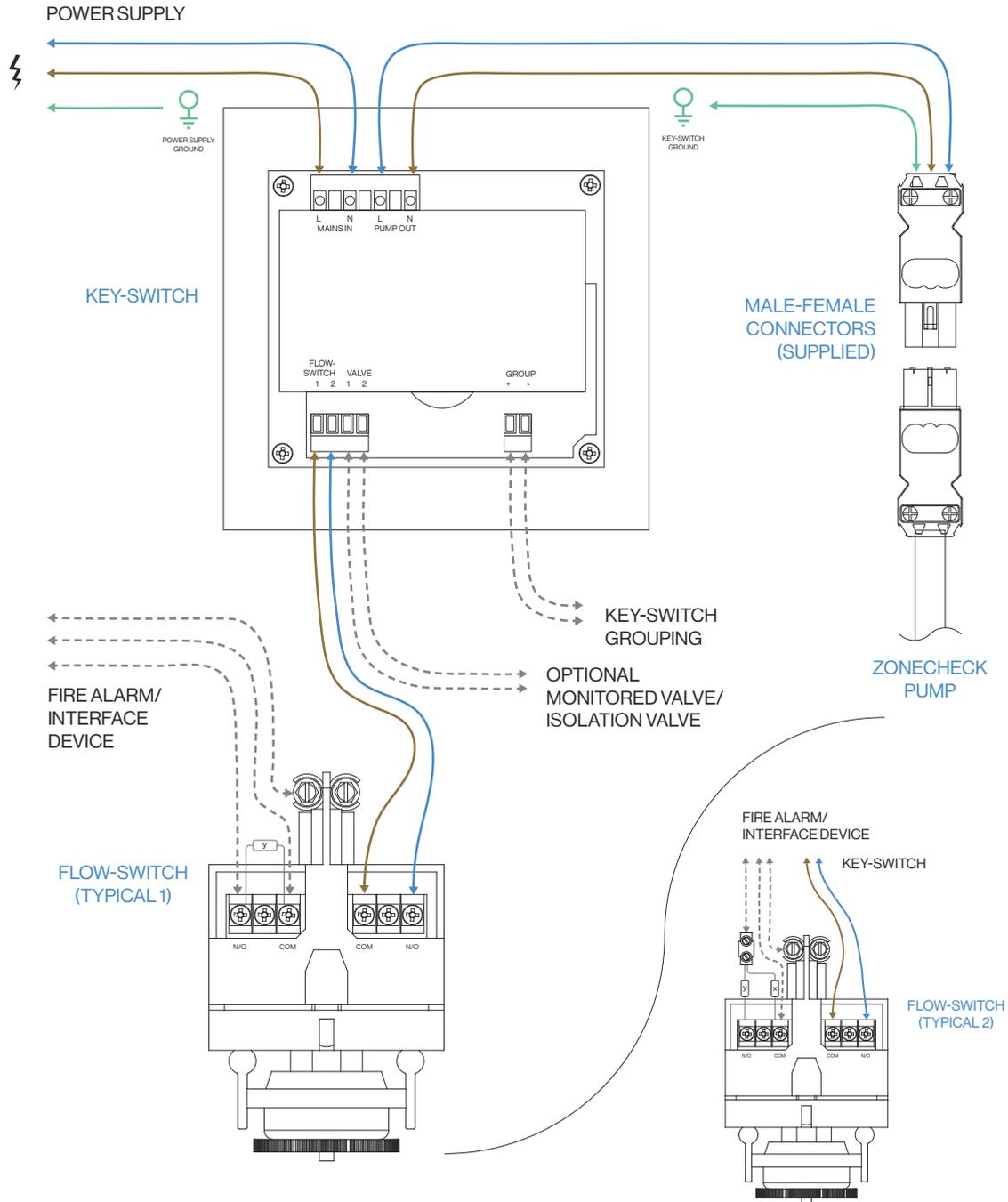
For Riser applications, make sure the pump flow runs opposite (downwards) to the sprinkler system.



Wiring

Typical fire-alarm/flow-switch connections. Exact wiring required depends on type of fire panel used. Refer to specific fire-alarm panel instructions for more information/guidance.

Resistors sized according to specific alarm-panel requirements.



100% water saving

Automated testing

Approved

Simplified testing method

Code compliant

Sustainable testing

No water discharge

UL

Efficient

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

+44(0)1889 271271
 info@projectfire.co.uk
 www.projectfire.co.uk

Zonecheck® is a registered trademark.
 © Project Fire Products Ltd. 2023.

PROJECT FIRE®