UFH DIRECT 8 ZONE WIRING CENTRE

ZL-3347
Heating & cooling control center
LED indication available

The UFH Direct heating controller has been developed to provide a temperature control system for room heating, integrating the switching of primary heating source also to control any secondary pumps or zone valves.

This ensures the best possible comfort conditions and also reduces energy consumption.

FEATURES

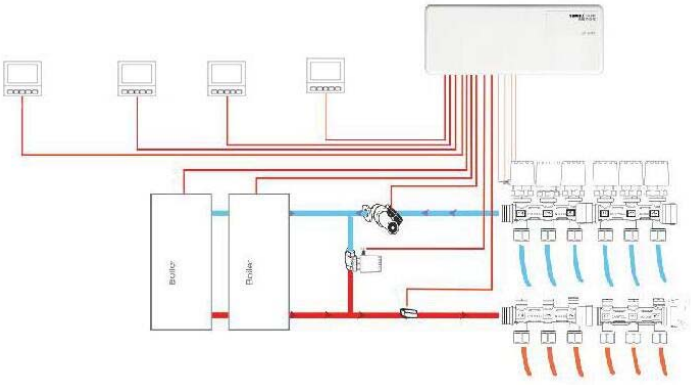
- Each master controller can control a maximum of 8 rooms / zones.
- The master controller contains outputs for switching the thermal actuators, boilers, pumps and mixing valves.
- Indicator lights show the status of the zones.

IMPORTANT SAFETY INFORMATION

- Always turn off power at the fused spur before removing the cover.
- Only a qualified electrician should install this product.
- All wiring must conform to local/ national building standards and electrical codes.
- If the system is not operating correctly, re-check the wiring and check the fuse.
- Use this control centre only as described in this manual.

SYSTEM INTRODUCTION

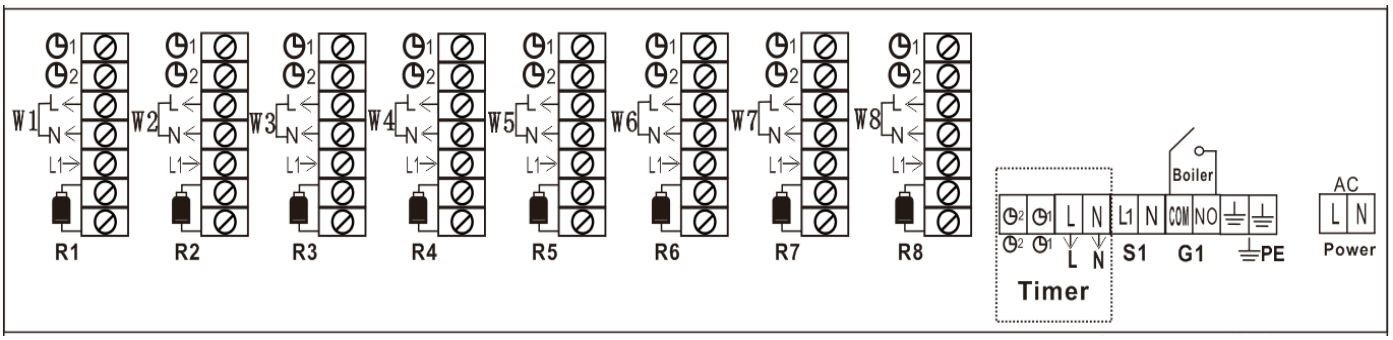
1. Room thermostat
2. Boiler
3. Manifold and actuators
4. Control centre ZL-3347
5. 2 port Motorised zone valve



SPECIFICATION

Power source:	240VAC 50/60Hz
max load:	10A
Operation temperature:	-20℃ ~ 60℃
Storage temperature:	-20℃ ~ 70℃
Dimensions.:	280mm X 110mm X40mm
Color:	White

KEYBOARD, AND SWITCH DESCRIPTION



Output indication:

1. WIRING:

a) ⏱1-⏱2: Room thermostat time control (please only use 1 zone depending on which timer zone you wish)

b) W(1-8): Room thermostat L: Live N: Neutral L1: Switched Live

c) R1-R8 : Actuator Live and Neutral

d) S1: Hot water circulating pump 240VAC,8(5)A output

e) G1: volt-free output for the boiler (<8A),

f) PE: Earth

g) AC: Power supply 240VAC,50/60Hz

h) Timer: L: Live N: Neutral ⏱1-Timer Zone

2 ⏱2: Timer Zone 2

3. LED

(1) Power indicator.

(2) 1 2 3 4 5 6 7 8 :

Zone Indicators, when lit that zone is currently calling for heat.

(3) Signal indicator:

Boiler and pump indicator: when lit the pump and boiler relays are closed.

PLEASE NOTE: from the first zone starting, the boiler and pump light will take up to 5 minutes to activate. This is to ensure all zones are open before starting the pumps.

INSTALLATION

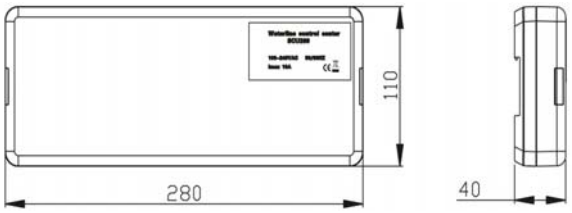


Fig.1 . Size
L.280mm X W.110mm X H.40mm

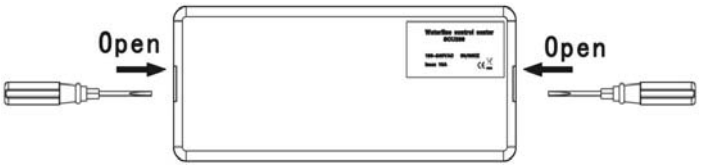


Fig.2 . Open

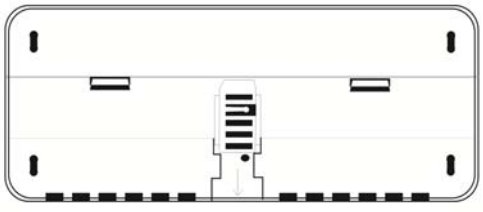


Fig.3. Wall mounting shelf