



BaskZone® CC1 3kw Comfort Controller Installation instructions



Overview

The BaskZone® CC1 Controller is designed to vary the heat output of our infrared heaters. When turned down, the CC1 reduces energy consumption by the heater which extends the life of the element as it isn't running on full power.

Features

- 0 -100% control of up to 3kW load at 240V a/c
- Integral ON/OFF switch
- High reliability semiconductor circuit
- Integral RFI filter for CE EMC compliance
- Standard 2 gang box with knockouts integrates with standard UK electrical fittings

Installation

1. The CC1 must be oriented with the vent plugs facing down.
2. This product is not weatherproof and so must be mounted indoors, away from any risk of splashing.
3. This product should be installed by suitably qualified personnel in accordance with current electrical/mechanical safety and EMC standards.
4. The CC1 must be surface mounted on a wall and not recessed into a cavity. It must be sited away from direct sources of heat and outside the radiant zone of the heaters, in a position where adequate ventilation exists. Allow at least 25mm clearance on all sides. Do not cover or mount in unventilated panels. It is normal for the unit to become warm during operation.

No liability can be accepted for any loss or injury arising from the installation, use or removal of this product. Specifications are liable to change without notice.

NOTE: This product is intended for professional installation only by suitably qualified personnel in accordance with current electrical and mechanical safety and EMC standards. Installation to be in accordance with the current edition of IEE wiring regulations BS767 18th edition. This product is deemed a component only for professional assemblers for incorporation into apparatus and systems or installations for which its own EMC and safety standards will apply, and for which BaskZone® is not responsible.

N.B. Clearance inside the back box is limited. If fitting nylon cable glands trim off threaded spigot above nut. If fitting conduit, cut of excess threads not required for lock nut.

Protection fuse

It is recommended that a suitable fuse or circuit breaker (MCB) be employed to protect the controller and the supply from overloading. The maximum fuse value for this product is 20A.

Conformity

EN55011 Class A and EN55022 Class A

Wiring

- Inbuilt terminals fit maximum 2.5mm² cross-sectional area cable.
- Trailing earth lead from the a/c regulator must be earthed.
- Terminal block can be unplugged from the a/c regulator to improve wiring access.

Specifications

Supply voltage	200 - 264Vac 50-60Hz
Current rating	13A @ 30°C ambient 17A @ 25° ambient
Triac current	24A rms
Peak surge current	240mA
Holding load current	30mA (min)
Repetitive peak voltage	600v
I2t for fusing	112A2S
Isolation	2500Vrms
Storage temperature	-10°C to 80°C
Weight	0.55Kg
Dimensions	86 x 146 x 47 (approx.)

BaskZone®

Unit 5, Pump Farm
Tending road
Little Bentley
Essex
CO7 8SH

Tel: 01424 533 215

www.baskzone.com