ON/OFF CONTROLS

ON/OFF 1 & 2 CHANNEL

ON/OFF 5 CHANNEL

DESCRIPTION:

The Affinity On/Off series, available in 3 models - single channel, dual channel and five channel, allows for connected Platinum or Tungsten Collection gas or electric Bromic Heaters to be turned on or off at full power capacity – providing straight forward function and usage of your outdoor heater.
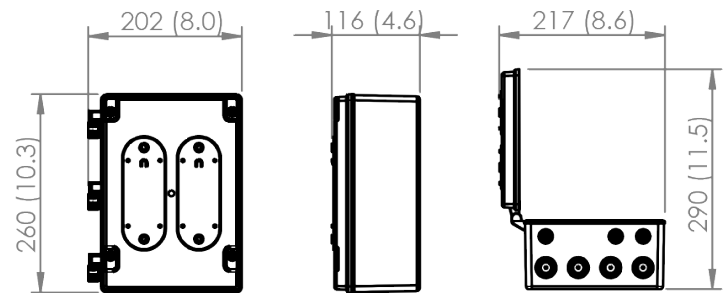
The 1 and 2 channel models provide both Bluetooth and Wi-fi communication capabilities using the Bromic App. The 5 channel model includes options for ethernet connectivity or BMS integration via 0-10 VDC built-in. Ethernet and BMS/HAS connectivity can be added to the single channel and dual channel models via an optional expansion board.

The new design allows the controls to be mounted in a variety of convenient locations both indoors and outdoors, within the range of the site's internet connectivity and operates using a smart device with a Bluetooth or Wi-Fi connection.
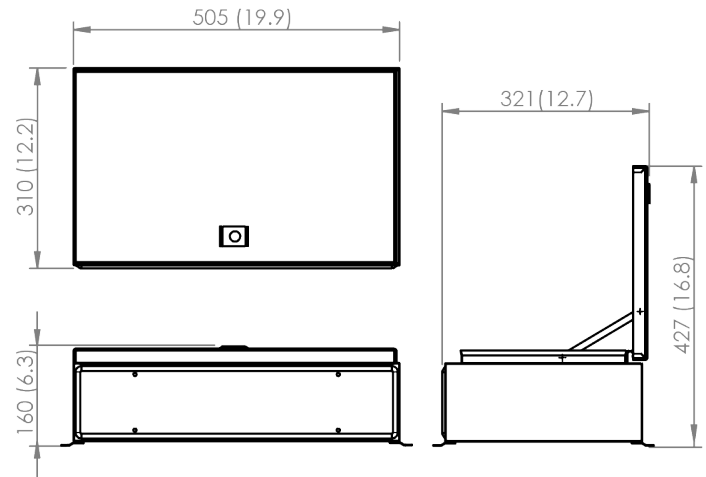
The Bromic Smart-Heat App is available on the App Store and Google Play Store.
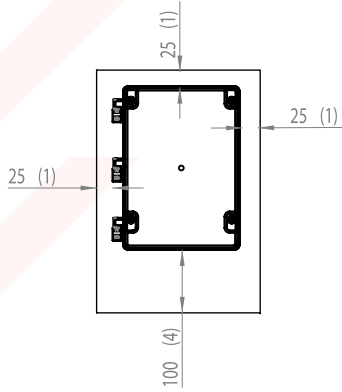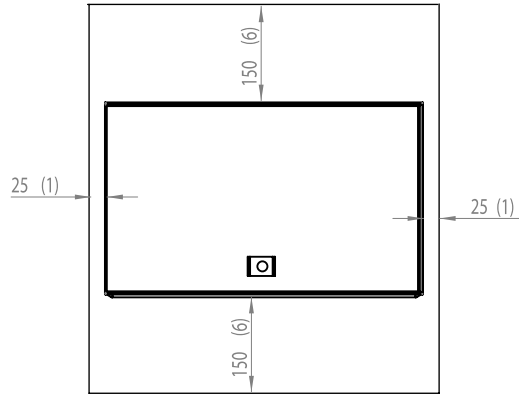
DIMENSIONS:

*Dimensions shown in mm (inches)

202 (8.0)   116 (4.6)   217 (8.6)

260 (10.3)   290 (11.5)

ON/OFF 1 & 2 CHANNEL

505 (19.9)

310 (12.2)

321 (12.7)

160 (6.3)   427 (16.8)

ON/OFF 5 CHANNEL

CLEARANCES

Allow sufficient clearance for cabling.

*Clearances shown in mm (inches)

25 (1)
25 (1)
25 (1)
100 (4)

ON/OFF 1 & 2 CHANNEL
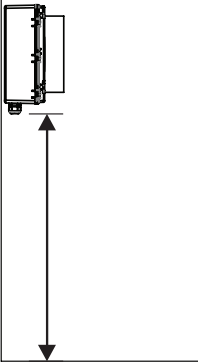

150 (6)
25 (1)
25 (1)
150 (6)

ON/OFF 5 CHANNEL
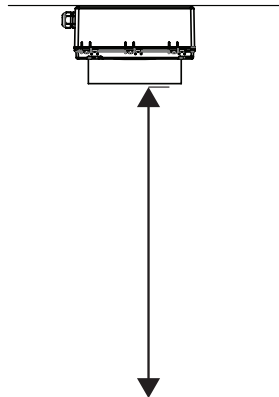
MOUNTING OPTIONS:

Mounting location should be selected to avoid accidental contact.

Wall Mounting

Suitable for all OnOff models.

Ceiling Mounting
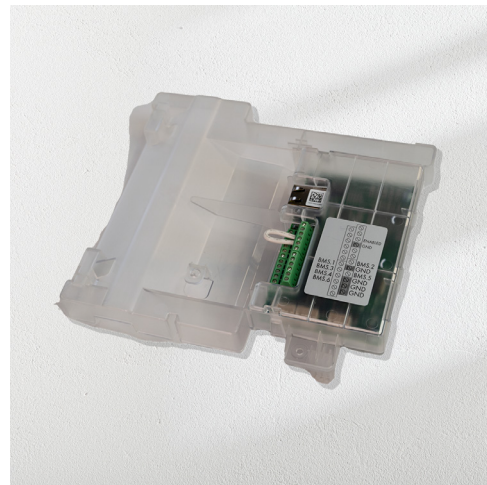

Suitable for only the OnOff Channel 1 & 2 models.

PRODUCT SPECIFICATIONS

Model	Smart-Heat Control On/Off 1 CH	Smart-Heat Control On/Off 2 CH	Smart-Heat Control On/Off 5 CH
Part Number	BH3130051	BH3130052	BH3130053
Number of Channels	1	2	5
Voltage - Max Capacity Per Channel	100–127V - 1kW 220–240V - 6kW	100–127V - 1kW 220–240V - 6kW	3N~ 220/380V - 6kW 3N~ 230/400V - 6kW 3N~ 240/415V - 6kW 3N~ 277/480V - 6kW
Operating Temperature Range	-20°C to +30°C	-20°C to +30°C	-20°C to +30°C
Non-Operating Temperature Range	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C
Protection Rating	IP54	IP54	IP54
Dimensions	290 x 202 x 112mm	290 x 202 x 112mm	500 x 340 x 202mm
Weight	1.4kg	1.6kg	11.0 kg

This equipment complies with EN/IEC 61000-3-11. For more information including mounting requirements, wiring diagrams and controller clearances, please refer to the Installation Manual.

OPTIONAL ACCESSORY

Bromic's Expansion Board accessory option for the 1 and 2 channel On/Off and Dimmer controls, allows for seamless ethernet integration for a full-proof connection to your outdoor heaters managed via the Bromic Heating app. Additional 0-10V connections allow for seamless plug and play to your Home Automation System or Business Management System.

BROMIC® HEATING

Bromic Pty Ltd.,   7595 Irvine Center Drive, Suite 100,   Irvine, CA 92618 United States