

# radiant electronic panel radiators

## the RPX range

Radiant heat is the kind of warmth we feel from the sun, so it's no surprise that many people prefer their heating system to provide a comfortable level of radiant heat to warm the body. The attractive, slimline RPX panel heaters are designed to do just that, giving a perfectly balanced source of heat.

Radiant panels are ideally suited to living rooms and bedrooms, especially in modern, well insulated dwellings where heat losses are low. RPX panels are also suitable for bathroom use. Like other electronic panel heaters in the Dimplex range, the RPX also features an accurate electronic thermostat, background temperature setting and the option to be used with multi-heater programmers.

## Range features

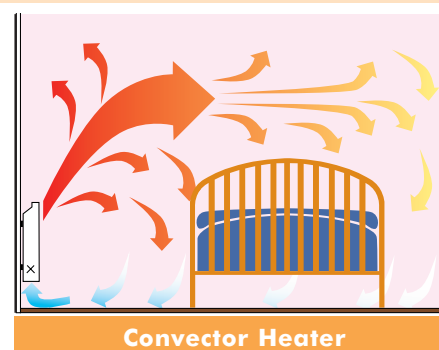
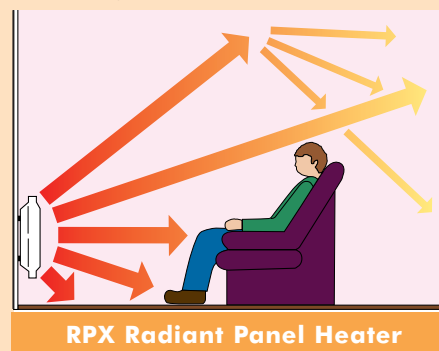
- Suitable for both domestic and commercial applications.
- Compact stylish casing with distinctive new curved grille.
- Radiant heating reduces heat stratification and energy wastage.
- No visible glow.
- Fitted with an electronic thermostat accurate to within 0.1°C to maintain a very stable room temperature.
- User selectable comfort, background and frost protection settings.
- Splashproof (IPX4 rated) for use in bathrooms and wet areas.
- Controls cover which can be locked if necessary.
- Compatible with Dimplex single or 4-zone multi heater programmers.
- New 'Apollo' bathroom model also available – see pages 50-51 for details.

BUILDING REGULATIONS  
PART L COMPLIANT



Model RPX100N

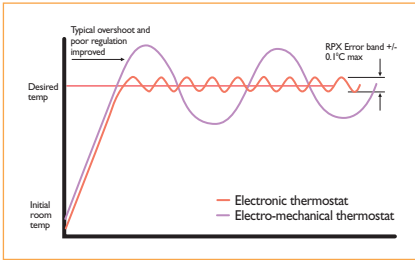
Diagrams below show forward heat distribution of the RPX panel compared with convected heat from a conventional panel heater.



# technical specifications

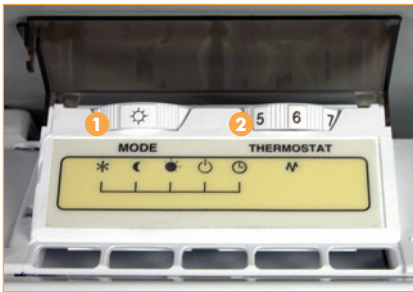
## Electronic Control

Dimplex electronic panel heaters feature highly accurate electronic thermostats, providing superior comfort and operating efficiency. As the room temperature nears the desired set point, power to the elements is reduced, and the room temperature closely monitored to an accuracy of 0.1°C, minimising overshoot and temperature drift, resulting in better energy-efficiency and user comfort.



Being electronic, control is totally silent and reliable.

## Controls



### 1 Function control

User selection of "comfort", "background" (4°C below the thermostat setting) and "frost protection" (5°C), off and programmed operation (if programmer is fitted). Neon indicator shows function selected.

### 2 Thermostat Dial

The dial is marked \* to 9. The \* setting represents a room temperature of approximately 5°C and may be used for protection against frost. The other settings range up to a maximum room temperature of approximately 35°C. A neon indicator shows when the element is operating.

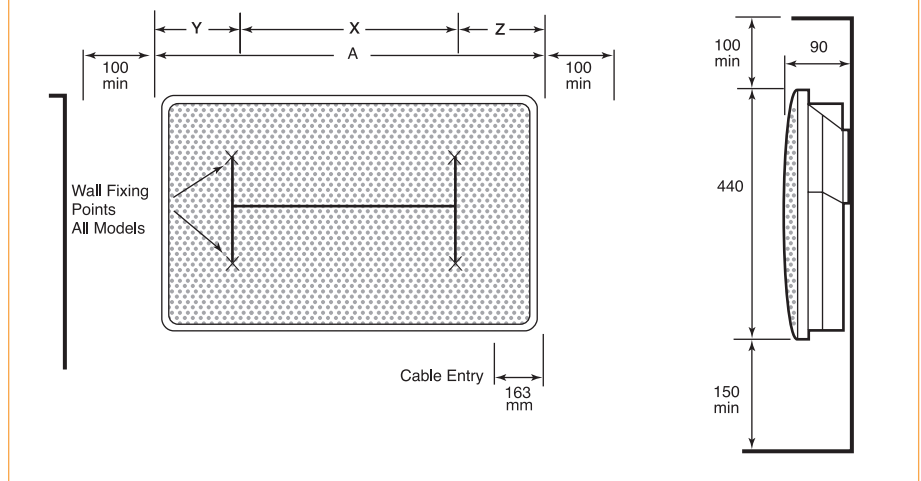
### 3 Plug-in control modules

A range of optional plug in control modules are available for use with Calidou:

- Single zone pilot wire programmer (RX9911) controls up to 20 slave heaters linked via pilot wire. Provides 7 day control, switching heater between comfort and setback mode. Can be removed from heater for easy programming.
- Single zone mains borne signalling programmer (RX9912) controls multiple slave heaters, with RX9913 MBS receivers fitted to each slave. Provides 7 day control, switching heater between comfort and setback modes.

See page 24-26 for full details on the range of plug in control modules.

## Main and Fixing Dimensions



Model No.	Loading	Length (A)	Height	X	Y	Z	Weight
RPX075N	0.75kW	515mm	440mm	178	124.5	212.5	4.3kg
RPX100N	1.0kW	620mm	440mm	248	159.5	212.5	5.3kg
RPX150N	1.5kW	830mm	440mm	405	212.5	212.5	7.2kg
RPX200N	2.0kW	1040mm	440mm	535	252.5	252.5	9.0kg

## Multi Zone Control

Compatible with Dimplex 4-zone pilot wire and mains borne signalling controllers (RX9913 receivers for MBS systems).

## Elements

Two mineral filled sheathed electric elements are embedded in aluminium heating plates. Low element operating temperature of around 200°C reduces air drying effects and dust burning. The heating plates have a unique design – the forward face is finished in matt black and has greater surface area to maximise radiant heat. The reverse side is in its natural smooth aluminium state to minimise heat loss to the wall. The design provides an even temperature across the front panel, using the whole surface area available and maximises the throw of radiant heat into the room.

## IP Rating

Splash-proof IPX4 for use in wet areas.

## Construction

Durable polyester powder coated steel with mesh steel front grille.

## Installation

A detachable wall-mounting frame allows quick wall fixing.

## Electrical Connections

2m 4-core cable (live, neutral, earth and pilot wire) supplied fitted to each heater.

## Colour/Finish

White.

See pages 24-27 for full details on the range of control options.