PW
PILOT
WIRE

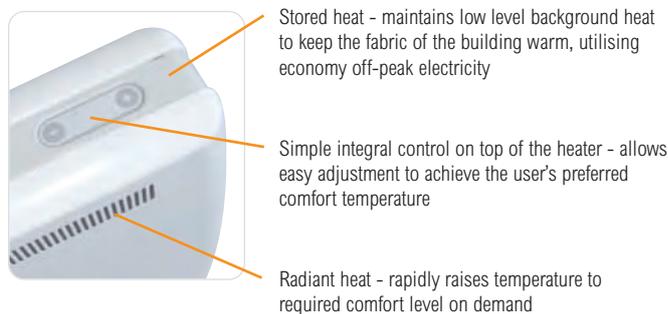> Eco-Response offers advanced electric heating for the future, challenging expected norms with superior efficiency and controllability.

Warmth where it's needed, when it's needed...
in a single room or across the house. A constant low level of background heat prevents the fabric of the building from cooling. On demand, this fast-acting appliance raises the temperature to meet your needs, providing total control and the peace of mind that comes with low running costs.

Key features

• Economical use of energy utilising the best of stored and direct acting heating technologies

• Contemporary design - looks good in any home

• Unobtrusive - takes up no more space than a traditional wet radiator

• One-touch electronic controls with child lock facility

• Simple '+ or -' touch temperature control for accuracy and flexibility

• Rapid response to changing temperature demands

• Pre-wired with 2 x 1.6 metre lengths of cable for storage and direct acting power supplies - for ease of connection

• Designed for rapid assembly to keep installation costs down

• Requires no annual maintenance

• Optional central controller for 4 zone pilot wire linked heating system

Stored heat - maintains low level background heat to keep the fabric of the building warm, utilising economy off-peak electricity

Simple integral control on top of the heater - allows easy adjustment to achieve the user's preferred comfort temperature

Radiant heat - rapidly raises temperature to required comfort level on demand

PART L and SAP 2005

The Creda Eco-Response has been developed to help meet the needs of Part L 2006 Building Regulations and provides enhanced SAP scores.

Specifiers will benefit from the 'integrated storage/direct acting heater' category within table 4a of SAP 2005 which rewards the enhanced controllability of Eco-Response with a 100% efficiency rating, placing this leading technology in heating type 2 with a responsiveness weighting of 0.75.

300kg saving

Carbonlite

Average carbon saving of up to 300kg
per annum when compared to
auto slimline storage heaters*

*Based on a semi-detached house
with a floorspace of 130m²

Product Selector

Model	Reference	Nominal Output	Charge Acceptance	Input Rating (Off Peak)	Input Rating (Radiant Elt.)	Number of Elements	Number of Bricks	Weight
ER300	75 773301	0.7kW	9.1kWh	1.3kW	0.28kW	2	8	65kg
ER400	75 773302	1.1kW	13.65kWh	1.95kW	0.34kW	3	12	94kg
ER500	75 773303	1.5kW	18.2kWh	2.6kW	0.39kW	4	16	124kg
PW E4ZC	75 770916	4 zone pilot wire central controller						

Conventional heater

1

2

3
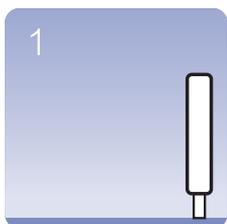
With a conventional 'wet' heating system, when heating goes off, building shell cools.

The building shell has to then be warmed again before room feels comfortable.

This takes time and energy - slow response.

Eco-Response

1

2

3

It is smarter to maintain low level background heat.

The room temperature can be raised quickly and efficiently when needed.

Economical. Responsive. Intelligent.

Control options

4 zone pilot wire central controller

Allows 7 day programming of comfort/setback time settings of multiple pilot wire linked heaters in up to 4 separate zones.

Ref: 75 770916

NEW PRODUCT

NEW PRODUCT

Matching TPRIII E Electronic panel heaters also available for pilot wire linked heating systems (See page 12-13).

Technical Specification

- Elements (Storage) - 650W incoloy sheathed, mineral filled elements

- Element (Direct Acting) - cable-on-foil thin facia panel

- Thermostat (Input) - integral electronic charge limiter Maximum core temperature 670°C/690°C at full charge

- Thermostat (Output) - integral electronic thermostat with child lock facility

- Thermal Insulation - Carbowool 128kg/m^2, Microtherm G and calcium silicate

- Energy Retention Cells - high density bonded magnetite

- Protection (Storage) - automatic reset core limit thermostat and manual over-temperature cut out

- Protection (Direct Acting) - automatic reset limit thermostat and automatic reset over-temperature cut out

- Finish - white polyester and zinc coated steel with grey base

- Cable (Storage) - 1.6m 2.5mm^2 3 core

- Cable (Direct Acting) - 1.6m 0.75mm^2 2 core

- Supply - 230/240V AC single phase

Dimensions
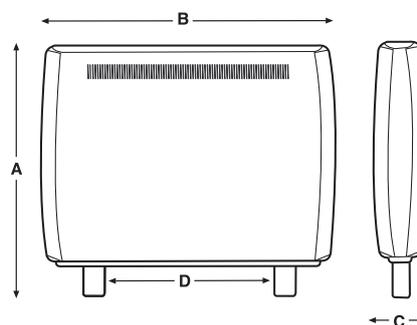
Model	Height A	Width B	Depth C	Feet Position D
ER300	712mm	600mm	130mm+10mm	295mm
ER400	712mm	830mm	130mm+10mm	523mm
ER500	712mm	1060mm	130mm+10mm	751mm

Minimum clearance required
- 75mm either side of heater
- 150mm in front of the heater
- 250mm directly above the heater

Contour100
Electronic panel heater

Advanced control heating systems

NEW PRODUCT

PW PILOT WIRE

> " The all new Contour100 panel heater range offers high quality build and panel finish with contemporary radiator styling. "

Contour100 panel heaters incorporate electronic thermostatic controls which allow very precise regulation of room temperatures.

Key features

- Contemporary radiator styling
- Electronic thermostatic control, accurate to +/-0.3°C
- Convected heat for rapid warm up
- Silent operation
- Pre-set background temperature at 5°C below thermostat setting (when connected to a programming unit supporting setback feature)
- IPX4 rated (splashproof)
- Being electronic, control is totally silent and reliable
- Hidden thermostat range limiter feature - for additional economy
- Range of optional plug-in electronic timer modules, including:
  - 24 hour digital timer
  - Single zone 7 day pilot wire programmer
  - Runback timer
- Compatible with Creda 4 zone pilot wire central controller

Technical Specification

- Elements - finned, mineral-filled sheath type
- Thermostat - electronic with 5°C setback control capability
- Finish - white powder coated steel and thermoplastic
- Protection - auto reset thermal cutout
- Cable - 1.2 metres, 4 core (live, neutral, pilot and earth)
- IP rating - IPX4 (splashproof)
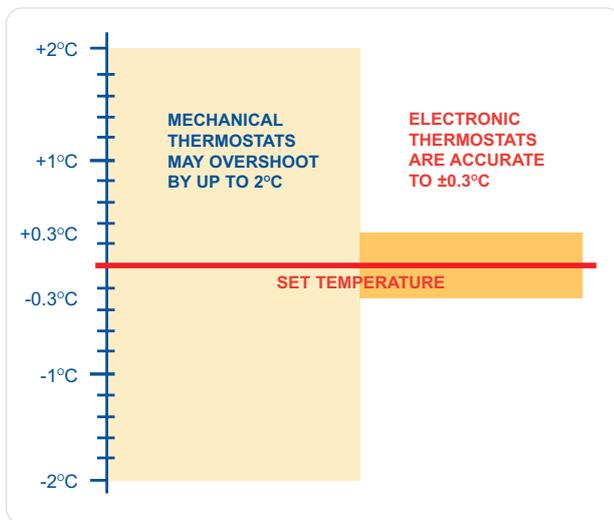- Supply - 230/240V AC single phase

Dimensions
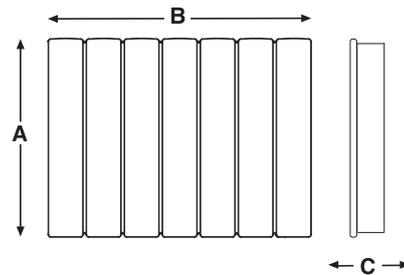
Product Selector

Model	Reference	Rating	Height A	Width B	Depth C	Weight
CEP 500E	75 775101	0.5kW	536mm	503mm	104mm	12kg
CEP 750E	75 775102	0.75kW	536mm	503mm	104mm	12kg
CEP 1000E	75 775103	1kW	536mm	671mm	104mm	15kg
CEP 1500E	75 775104	1.5kW	536mm	741mm	104mm	17.5kg
CEP 2000E	75 775105	2kW	536mm	911mm	104mm	22kg

Contour100 Electronic panel features

- High quality build and panel finish
- Forward angled facing grille to assist heat circulation
- Electronic thermostat for accuracy

+2°C	
+1°C	MECHANICAL THERMOSTATS MAY OVERSHOOT BY UP TO 2°C	ELECTRONIC THERMOSTATS ARE ACCURATE TO ±0.3°C
+0.3°C	
-0.3°C	SET TEMPERATURE
-1°C	
-2°C	

Both Contour100 and TPRIII E electronic panel heaters feature highly accurate electronic thermostats (+/-0.3°C), providing superior comfort and operating efficiency.

As the room temperature nears the desired set point, power to the elements is reduced. The room temperature is closely monitored to an accuracy of less than 0.3ºC, minimising overshoot and temperature drift, resulting in better energy efficiency and user comfort.

Control options

4 zone pilot wire central controller

Allows 7 day programming of comfort/setback time settings of multiple pilot wire linked heaters in up to 4 separate zones (see page 20).

Control options

A range of optional plug-in control modules, which can be removed from the heater for easy programming, provide the flexibility for TPRIII to meet a wide range of control specifications:

- TPR E24T 24 hour digital timer. Provides 24 hour programmable on/off control

- TPR E7DT single zone, pilot wire programmer controls up to 10 slave heaters. Provides 7 day programmable on/off control
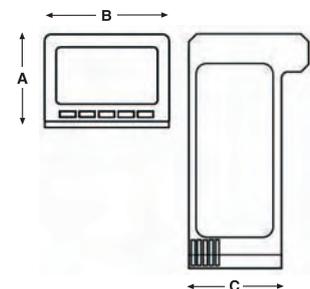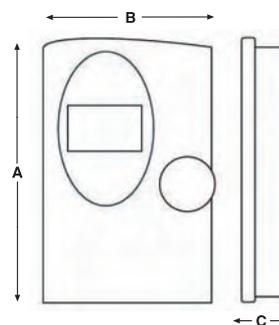

- TPR ERBT runback timer. Provides installer programmable runback time up to 4 hours (in 30 minute increments). Can be locked into heater

Dimensions

4 zone pilot wire controller

Plug-in timer module

Product Selector

Model	Reference	Product Description	Height A	Width B	Depth C
TPR E24T	75 770912	24 hour plug-in timer module	50mm	70mm	145mm
TPR E7DT	75 770913	7 day single zone plug-in timer module	50mm	70mm	145mm
TPR ERBT	75 770914	4 hour run back timer plug-in module	50mm	70mm	145mm
PW E16A	75 770915	16 amp pilot wire interface unit	86mm	86mm	22mm
PW E4ZC	75 770916	4 zone pilot wire central controller	132mm	86mm	38mm

NEW PRODUCT

PW PILOT WIRE

> " The TPRIII Electronic pilot plus panel heater range - unites smooth styling with superior control performance options to give flexible heating solutions. "

TPRIII Electronic pilot plus panel heaters incorporate electronic thermostatic controls to allow precise regulation of room temperatures - essential when comfort, economy and energy efficiency need to be considered in equal measure. To meet the needs of most applications the TPRIII Electronic pilot plus panel heaters can also be controlled by a new range of plug-in timers or by pilot wired signalling from a 4 zone pilot wire central controller.

Key features

- Front facing grille for best possible heat projection
- Styling to complement Eco-Response radiators with pure white finish
- Electronic thermostatic control - +/-0.3ºC, completely silent operation
- Pre-set background temperature at 5ºC below thermostat setting (when connected to a programming unit supporting setback feature)
- Optional plug-in electronic timer modules, including:

  - 24 hour digital timer
  - Single-zone pilot wire programmer
  - Runback timer

- Compatible with Creda 4 zone, wall mounted pilot wire signalling multi-heater programmers
- IPX4 rated (splashproof)
- Hidden thermostat range limiter feature - for additional economy
- Simple detachable wall bracket for easy installation

Technical Specification

- Element - finned, mineral-filled sheathed type
- Thermostat - electronic with fixed 5ºC setback facility
- Finish - white powder coated steel and thermoplastic
- Protection - auto reset thermal cut-out
- IP rating - IPX4 (splashproof)
- Cable - 1.2 metres, 4 core cable (live, neutral, pilot and earth)
- Supply - 230/240V AC single phase

Dimensions
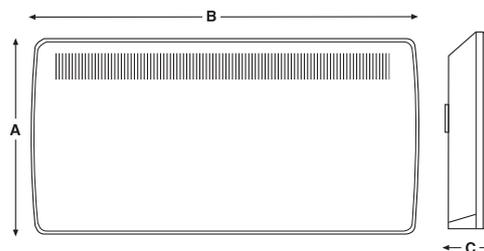
Product Selector

Model	Reference	Loading	Height A	Width B	Depth C	Weight
TPRIII 500E	75774440	0.5kW	430mm	450mm	108mm	5.2kg
TPRIII 750E	75774441	0.75kW	430mm	620mm	108mm	6.6kg
TPRIII 1000E	75774442	1kW	430mm	620mm	108mm	6.6kg
TPRIII 1250E	75774443	1.25kW	430mm	690mm	108mm	7.1kg
TPRIII 1500E	75774444	1.5kW	430mm	690mm	108mm	7.1kg
TPRIII 2000E	75774445	2kW	430mm	860mm	108mm	8.5kg

TPRIII E Electronic rotary thermostat

Improved economy may be achieved by limiting the thermostat rotational range, by means of the mechanical 'peg and hole' feature hidden beneath a removable cap on the thermostat knob.

Control Options

TPRIII E Electronic panel heaters will accept the same range of plug-in timer modules as Contour100 electronic panel heaters (featured on page 11).

Pilot wire auxiliary interface unit

The PW E16A pilot wire auxiliary interface unit enables heaters without electronic controls to be central programmed, for on/off time periods only, as part of a pilot wire linked heating system.
(Max. 3kW. Requires a 38mm deep metal box or surface patress).

Pilot wire heating system

The PW E4ZC central controller allows 7 day programming for comfort and setback temperature periods of multiple pilot wire linked heaters in up to four separate zones.
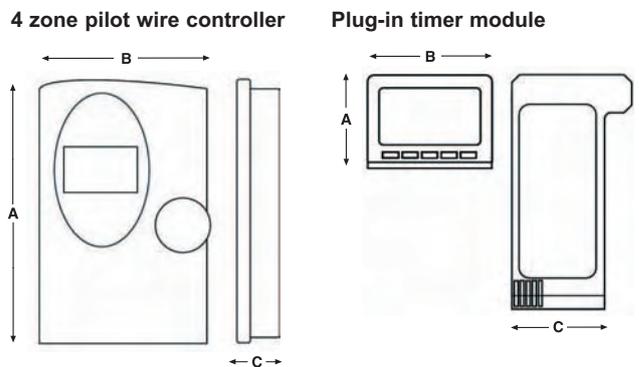
• 4 Separate heating zones
• Heater modes - Comfort/Setback, Comfort/Frost or Comfort/Off
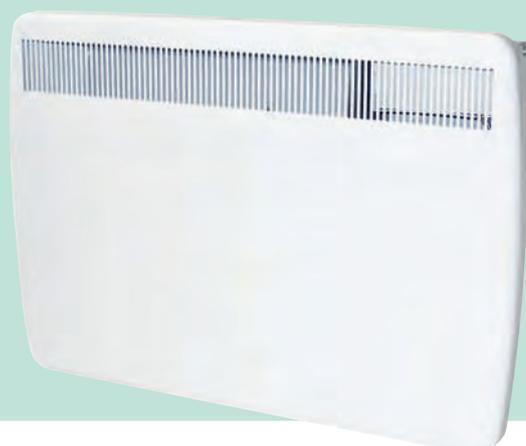• Wall mounted mains powered controller with capacitor back up (approx. 4 hrs)

Zone 1   Zone 2

Zone 3   Zone 4
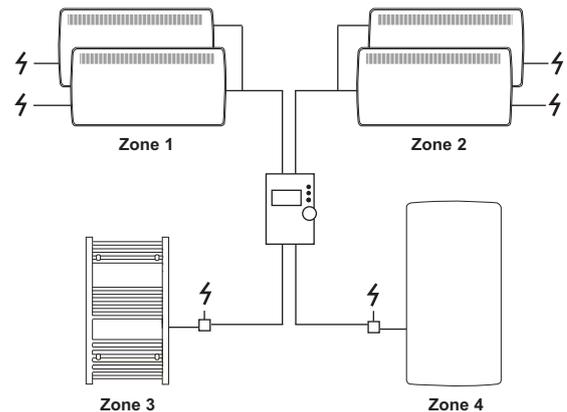
⚡ **240v mains supply**   ⊡ **PW E16A Interface unit**

Dimensions

4 zone pilot wire controller   **Plug-in timer module**

Product Selector

Model	Reference	Product Description	Height A	Width B	Depth C
TPR E24T	75 770912	24 hour plug-in timer module	50mm	70mm	145mm
TPR E7DT	75 770913	7 day single zone plug-in timer module	50mm	70mm	145mm
TPR ERBT	75 770914	4 hour run back timer plug-in module	50mm	70mm	145mm
PW E16A	75 770915	16 amp pilot wire interface unit	86mm	86mm	22mm
PW E4ZC	75 770916	4 zone pilot wire central controller	132mm	86mm	38mm

NEW PRODUCT

SH SINGLE HEATER

> " TPRIII mechanical thermostat panel heaters offer a versatile choice of models with built-in timer options or panels with no controls at all. "

Popular with specifiers and contractors to complement Creda electric storage heaters, TPRIII mechanical thermostatic panels are most commonly used to warm bedrooms, bathrooms, kitchens and other areas which only require heating for short periods of the day. Cost effective, they offer an efficient way to extend an existing heating system. The ranges come with control options to fulfil the widest range of applications, from single room background heating through to commercial applications.

Key features

- TPRIII (MT) models have programmable 24 hour timers
- TPRIII (MT7) model has a programmable 7 day timer
- TPRIII (NC) models with no built-in controls
- Full or half power output selection on thermostatic models
- Adjustable thermostat (5-30°C) on thermostatic models
- Convected heat for rapid warm-up. Suitable for domestic or commercial use
- IPX4 rated (splashproof)

- Frost protection setting on thermostatic models
- 2kW model available with 7 day timer
- Front heat outlet grille for efficient heat circulation
- Lockable dust cover (on thermostatic models)
- Detachable hinged wall mounting bracket for fast installation and easy cleaning

Technical Specification

- Element - mineral-filled sheathed type
- Thermostat - capillary type (MT models only)
- Finish - white powder coated steel
- Protection - auto reset thermal cut-out
- IP rating - IPX4 (splashproof)
- Supply - 230/240V AC single phase

Dimensions
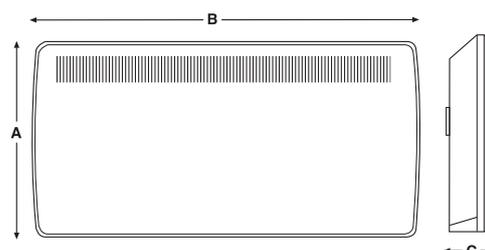
Product Selector

Model	Reference	Loading	Height A	Width B	Depth C	Weight
Thermostat only models						
TPRIII 500M	75 774440	0.5kW	430mm	450mm	108mm	4.8kg
TPRIII 750M	75 774401	0.75kW	430mm	620mm	108mm	6.2kg
TPRIII 1000M	75 774402	1kW	430mm	620mm	108mm	6.2kg
TPRIII 1250M	75 774403	1.25kW	430mm	690mm	108mm	6.6kg
TPRIII 1500M	75 774404	1.5kW	430mm	690mm	108mm	6.6kg
TPRIII 2000M	75 774405	2.kW	430mm	860mm	108mm	8.0kg
Timer models 24hr						
TPRIII 500MT	75 774410	0.5kW	430mm	450mm	108mm	4.8kg
TPRIII 750MT	75 774411	0.75kW	430mm	620mm	108mm	6.2kg
TPRIII 1000MT	75 774412	1.kW	430mm	620mm	108mm	6.2kg
TPRIII 1250MT	75 774413	1.25kW	430mm	690mm	108mm	6.6kg
TPRIII 1500MT	75 774414	1.5kW	430mm	690mm	108mm	6.6kg
TPRIII 2000MT	75 774415	2.kW	430mm	860mm	108mm	8.0kg
Timer model 7 day						
TPRIII 2000MT7	75 774435	2.kW	430mm	860mm	108mm	8.0kg

TPRIII NC
'No controls panel heaters'

Advanced control heating systems

NEW PRODUCT

SH SINGLE HEATER

TPRIII Thermostatic panel heater ranges

TPRIII M mechanical thermostat without timer (500W - 2000W models).

TPRIII MT mechanical thermostat with 24hr timer (500W - 2000W models).

TPRIII MT7 mechanical thermostat with 7 day timer (available in 2000W model only).

TPRIII No controls panel heater range

TPRIII NC a range of panel heaters without any integral controls for use in applications where external control of temperature and time programming is required.

Technical Specification

- Element - mineral-filled sheathed type
- Finish - white powder coated steel
- Protection - auto reset thermal cut-out
- IP rating - IPX4 (splashproof)
- Supply - 230/240V AC single phase

Dimensions
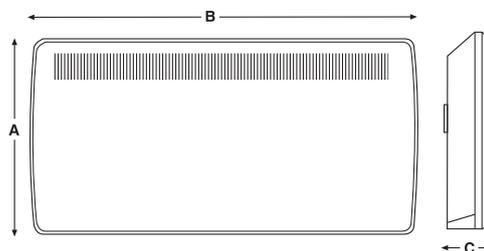
Product Selector

Model	Reference	Loading	Height A	Width B	Depth C	Weight
No controls models						
TPRIII 500NC	75 774300	0.5kW	430mm	450mm	108mm	4.8kg
TPRIII 750NC	75 774301	0.75kW	430mm	620mm	108mm	6.2kg
TPRIII 1000NC	75 774302	1kW	430mm	620mm	108mm	6.2kg
TPRIII 1250NC	75 774303	1.25kW	430mm	690mm	108mm	6.6kg
TPRIII 1500NC	75 774304	1.5kW	430mm	690mm	108mm	6.6kg
TPRIII 2000NC	75 774305	2kW	430mm	860mm	108mm	8.0kg

PW
PILOT
WIRE

MB
MAINS
BORNE

> The Newera Style provides a contemporary option for fully controllable heating in every room, with accurate twin electronic thermostats providing flexible control.

Safety and comfort feature highly in the design of the Newera Style, manufactured from composite material to provide a lower surface temperature without loss of convected heat with a unique outlet grille design that helps prevent wall discolouration.

Key features

- Unique grille design to keep walls free of dust marks

- Composite construction for lower surface temperature without loss of convected heat

- Twin electronic thermostats for comfort and setback

- Mains borne and pilot wire control options

- IP24 rated (splashproof)

Control options

Newera Style and Newera Electronic panel heaters may be connected as a centrally controlled system using the optional mains borne accessories.

The MB programmer communicates with the heaters and controls a comfort or setback thermostat as per the times set in the programmer.

MB Programmer Ref: 75 770907
MB Interface Ref: 75 770908

NEW
PRODUCT

Allows 7 day programming of comfort/setback time settings of multiple pilot wire linked heaters in up to 4 separate zones.

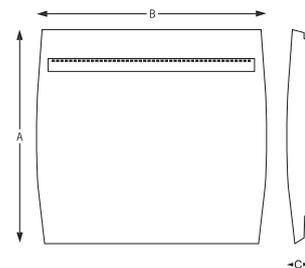4 zone pilot wire central controller
Ref: 75 770916

Integral twin electronic thermostats for setting comfort and setback temperatures.

Technical Specification

- Elements - finned, metal sheathed mineral filled type

- Thermostats - twin electronic

- Protection - two level thermal safety overheat

- Supply - 230/240V AC single phase

Dimensions

Product Selector

Model	Reference	Rating	Height A	Width B	Depth C
PPH750	75 772601	0.75kW	615mm	497mm	135mm
PPH1000	75 772602	1kW	615mm	645mm	135mm
PPH1500	75 772603	1.5kW	615mm	941mm	135mm
PPH2000	75 772604	2kW	615mm	1163mm	135mm
MBPRG	75 770907	Newera MB programmer			
MBIF	75 770908	Newera MB interface			
PW E4ZC	75 770916	4 zone pilot wire central controller			

PW PILOT WIRE

MB MAINS BORNE

Electronic
Models only

> The Newera Electronic and Plus panel heater ranges provide a choice of control options or stand alone heaters in sleek designs.

Newera Electronic

The Newera Electronic range provides style, flexibility and ease of use in buildings of any size. Built-in twin electronic thermostats allow control of comfort and setback temperatures. So panels can be used individually or can be linked to provide complete heating systems. A 7 day programmer can be added for the convenience of hassle-free heating matched to the way you use the space throughout the week.

Key features

- Twin electronic thermostats for comfort and setback
- Can be used with mains borne or pilot wire controllers as part of a complete heating system
- Compact, attractive design occupying minimum wall space
- Mains borne and pilot wire control options
- Hinged wall mounting bracket to allow easy access for cleaning and decorating
- IP24 rated (splashproof)

Newera Plus

A simple robust stand alone thermostatic panel heater. The Newera Plus range offers a low cost heating solution ideal for hotels or student accommodation.

Single mechanical thermostat

SH SINGLE HEATER

Key features

- Single mechanical thermostat, stand alone heating
- Excellent value and simple to operate
- Robust construction and easy to install
- Compact - takes up minimal wall space
- Hinged wall mounting bracket to allow easy access for cleaning and decorating
- Ideal for conservatories, extensions, hotels and student accommodation
- IP24 rated (splashproof)

Technical Specification

- Elements - finned, metal sheathed mineral filled type
- Thermostats - twin Electronic (Newera Electronic only)
- Thermostat - single mechanical (Newera Plus only)
- Protection - two level thermal safety overheat
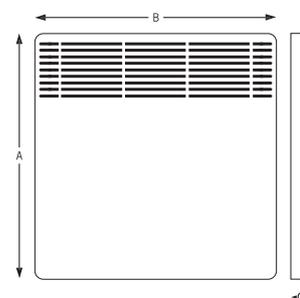- Supply - 230/240V AC single phase

Dimensions

Product Selector

Model	Reference	Rating	Height A	Width B	Depth C
EPH500	75 772401	0.5kW	450mm	370mm	78mm
EPH1000	75 772402	1kW	450mm	445mm	78mm
EPH1250	75 772403	1.25kW	450mm	520mm	78mm
EPH1500	75 772404	1.5kW	450mm	590mm	78mm
EPH2000	75 772405	2kW	450mm	740mm	78mm
PW E4ZC	75 770916	4 zone pilot wire central controller			
MBPRG	75 770907	Newera MB Programmer			
MBIF	75 770908	Newera MB Interface			
HPH750	75 772301	0.75kW	450mm	370mm	78mm
HPH1000	75 772302	1kW	450mm	445mm	78mm
HPH1250	75 772303	1.25kW	450mm	520mm	78mm
HPH1500	75 772304	1.5kW	450mm	590mm	78mm

> The RF range offers a combination of slimline, flexible heater panels with non-wired control solutions; ideal for use in domestic and commercial applications.

Designed to offer economical, stylish and safe heating solutions, these compact panels can be used in conjunction with tailored accessories to provide the perfect heating solution.

A digital electronic thermostat uses integral drift compensation to ensure a stable and consistent room temperature and an on/off switch allows flexibility when heating is not required.

The RF panel range includes standard 400mm panels, 200mm plinth panels and splash-proof models to provide a complete heating solution for every room, including the bathroom.

Key features

- Local or central control meets Building Regulations Part L (when used with Creda Saver or Zone Controllers)
- Electronic thermostat with drift compensation for accurate room temperature control
- RF/E406S and RF/E410S models are IP24 rated (splashproof)
- Non-wired signalling for total flexibility and ease of insulation

Technical Specification

- Elements - Finned, metal sheathed mineral-filled type
- Finish - Cream powder coated steel and thermoplastic
- Protection - Two level thermal safety overheat
- Supply - 230/240V AC single phase

Dimensions
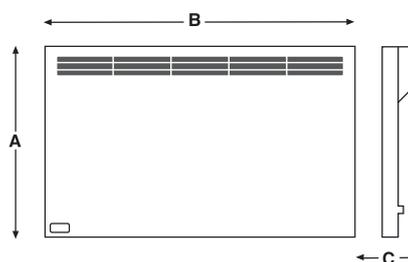
Product Selector

Model	Reference	Product Description	Rating	Height A	Width B	Depth C
RF/E408	85510	RF 400mm panel heater	0.8kW	400mm	645mm	80mm
RF/E410	85520	RF 400mm panel heater	1kW	400mm	735mm	80mm
RF/E412	85530	RF 400mm panel heater	1.2kW	400mm	915mm	80mm
RF/E415	85540	RF 400mm panel heater	1.5kW	400mm	1,095mm	80mm
RF/E420	85550	RF 400mm panel heater	2kW	400mm	1,365mm	80mm
RF/E406S	85820	RF 400mm panel heater (splashproof)	0.6kW	400mm	555mm	80mm
RF/E410S	85840	RF 400mm panel heater (splashproof)	1kW	400mm	735mm	80mm
RF/E208	85610	RF 200mm panel heater (plinth)	0.8kW	200mm	1,095mm	80mm
RF/E210	85620	RF 200mm panel heater (plinth)	1kW	200mm	1,275mm	80mm
RF/E212	85630	RF 200mm panel heater (plinth)	1.2kW	200mm	1,545mm	80mm
RF/E215	85640	RF 200mm panel heater (plinth)	1.5kW	200mm	1,725mm	80mm

A choice of innovative control options is available to suit both domestic and commercial applications.

Electronic thermostat:

- All RF panels feature integral electronic thermostat
- Drift compensation to maintain a stable room temperature
- Double pole on/off switch and overheat protection
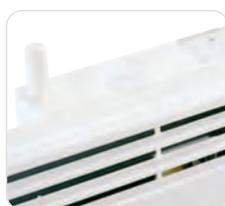- LCD display when element is energised

Creda Saver:

- Optional plug-in, programmable cartridge with 15 pre-set programmes
- Comfort mode thermostat on heater
- Integral setback thermostat (Comfort thermostat on panel)

Creda Zone Receivers:

- Optional plug-in receivers for heaters, to enable control via Creda Zone controllers
- Integral thermostat for setback
- Automatic start up when communication is restored
- 433 MHz operating band (Creda Zone 1 and 6 zone controllers)
- 868 MHz operating band (Creda Zone 8 zone controller)

New Creda Zone 8:

- New controller for up to 8 zones (868 MHz)
- Time and temperature adjustment 24 hours a day, 7 days a week
- Frost protection setting (5-15°C)
- Setback temperature (5-20°C)
- Comfort temperature setting (5-30°C)
- Individual zone & measured zone temperature LCD display
- Can be wall mounted or freestanding for hand held programming
- Battery operated (2 x AAA)

Creda Zone 1 and 6:

- Single or 6 zone controllers (433 MHz)
- Time and temperature adjustment 24 hours a day, 7 days a week
- Frost protection setting (5-15°C)
- Fall back temperature (5-30°C)
- Comfort temperature setting (5-30°C)
- Individual zone & measured zone temperature LCD display
- Can be wall mounted or freestanding for hand held programming
- Battery operated (3 x AAA)

Product Selector

Model	Reference	Product Description
CZ8N	75770918	Creda Zone 8 RF controller (868 MHz)
CZRN	75770919	Plug-in receiver (868 MHz)
CZ6	85710	Creda Zone 6 RF controller (433 MHz)
CZ1	85715	Creda Zone 1 RF controller (433 MHz)
CZR	85711	Plug-in receiver (433 MHz)
CZS	85712	Plug-in Creda Saver
CZC	85713	Cover for controls

Control Options

The performance and economy of Creda heating products can be further enhanced by use of control options best suited to the type of installation and lifestyle requirements.
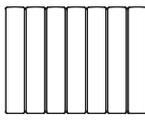
Creda controller for 4 zone pilot wire linked heating system
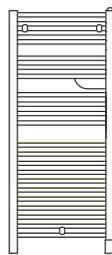
PW PILOT WIRE

Pilot Wire Controller
Ref: 75 770916
Model: PW E4ZC
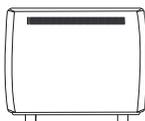
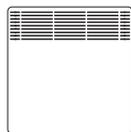EcoResponse Storage Radiant Heaters

Contour100 Electronic Panel Heaters

TPRIII E Electronic Panel Heaters

Outline Thermostatic Towel Rails

Newera Style Electronic Panel Heaters

Newera Electronic Panel Heaters

Pilot wire signalling - ideal control system option for new build applications

4 zone wall mounted central controller - mains powered with 4hr backup

Number of heaters - up to 20 in the same zone

Controller features:
TIME - individual 7day programming of multiple time periods
MODES - on/off, comfort/setback or comfort/frost. Also with manual override selection and holiday functions

Panel Heater features - integral electronic thermostat for comfort temperature selection with a fixed 5°C setback from comfort, and frost protection at 5°C

Outline towel rails feature - integral thermostat for comfort temperature, fixed 3-4°C setback from comfort and frost at 7°C. Also has manual override, 2hr boost and thermostat range restriction options
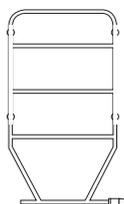
Auxiliary heater interface for pilot wire linked heating system
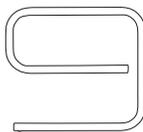
PW PILOT WIRE

Pilot Wire Interface
Ref: 75 770915
Model: PW E16A
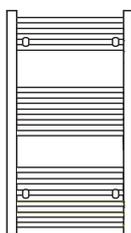
Proline II PL Electric Ladder Towel Rails

TD Traditional Style Electric Towel Rails

Solarail Electric Towel Rails

Immersion heater downflow fan heater or plinth heater (3kW max)

Pilot wire signalling - ideal control system option for new build applications

16amp interface unit - for auxiliary heaters without any integral controls

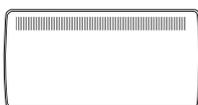**Number of heaters** - single unit with up to 3kW maximum loading

Interface features - on/off switching only as signalled by the central controller

Installation - requires a 46mm deep single gang metal back box for flush mounting

Plug-in 7 day heater module for single zone pilot wire linked system

PW PILOT WIRE

7 Day Timer Pilot Wire
Ref: 75 770913
Model: TPR E7DT

TPRIII E Electronic Panel Heaters

Contour100 Electronic Panel Heaters

Pilot wire signalling - ideal control system option for new build applications

Single zone plug-in module controller - mains powered by panel with 12hr backup

Number of heaters - up to 10 slave panels pilot wire linked in a single zone

Timer features - 4 on/off time periods for weekdays and 4 for weekends. Also has key lock and 'advance to next programme' functions

Plug-in 24 hour timer module for single heater control

SH SINGLE HEATER

24 Hour Timer
Ref: 75 770912
Model: TPR E24T

TPRIII E Electronic Panel Heaters

Contour100 Electronic Panel Heaters

Single heater control - not system linked

24 hour plug-in timer module - mains powered by panel with 12hr backup

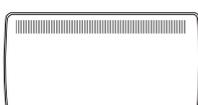**Number of heaters** - single heater control only

Timer features - 4 on/off time periods in 24hrs

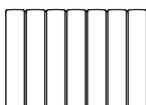**Additional features:** key lock and 'advance to next programme' functions

Plug-in runback timer module for single heater control

SH SINGLE HEATER

Run Back Timer
Ref: 75 770914
Model: TPR ERBT

TPRIII E Electronic Panel Heaters

Contour100 Electronic Panel Heaters

Single heater control - not system linked

Runback plug-in timer module - mains powered by panel

Number of heaters - single heater control only

Timer features - on/off fixed runback time from 1/2hr up to a 4hr period (1/2hr increments selected at installation)

Special function - an alternative selection that switches from comfort to setback for an initial 24hr period, followed by comfort to frost
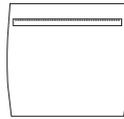
Control Options

PW PILOT WIRE **MB** MAINS BORNE **RF** RADIO FREQUENCY **SH** SINGLE HEATER

MB — Plug-in timer module for single zone mains borne panel heating system

MB Programmer
Ref: 75 770907
Model: PW E4ZC

MB Receiver interface
Ref: 75 770908
Model: PW E4ZC

Newera Style
Electronic Panel
Heaters
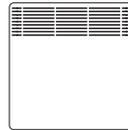
Newera
Electronic Panel
Heaters

Mains borne signalling - no additional signal cabling required ideal for retro fit installations

Single zone plug-in programmer - powered by panel with battery backup

Number of heaters - any number of panels each with an receiver interface unit fitted

Controller features - 3 separate time clocks with hourly on/off period selection over 24hrs. Each can be allocated to one or more days of the week

Panel heater features - integral twin linked electronic comfort and setback thermostats

---

RF — Central controllers for 1 or 6 zone radio frequency panel systems

RF Single Zone
Programmer
Ref: 85715
Model: CZ1

RF 6 Zone
Ref: 85710
Model: CZ6

RF Plug-in (433MHz)
Receiver Module
Ref: 85711
Model: CZR

RF Electronic
Panel Heaters

RF Electronic
Plinth Heaters

Radio frequency signalling - 433MHz wireless signalling ideal for retro fit installations

Single or 6 zone RF programmers - wall mounted or free standing, battery powered (2 x AA batteries)

Number of heaters - any number of RF panels with plug-in 433MHz receiver modules fitted

Controller features: full time and temperature adjustment with override and holiday functions. TIME - 7day, multiple time period setting for each zone TEMPERATURE - level settings: frost (5-15ºC), setback (5-30ºC) and comfort (5-30ºC)

Panel heater features - integral digital electronic thermostat

---

RF — Central controller for 8 zone radio frequency panel systems

RF 8 Zone
Programmer
Ref: 75 770918
Model: CZ 8N

RF Plug-in (868MHz)
Receiver Module
Ref: 75 770919
Model: CZ RN

RF Electronic
Panel Heaters
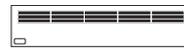
RF Electronic
Plinth Heaters

Radio frequency signalling - 868MHz wireless signalling ideal for retro fit installations

8 zone RF programmer - compact wall mounted or free standing, battery powered (2 x AAA batteries)

Number of heaters - any number of RF panels with plug-in 868MHz receiver modules fitted

Controller features: full time and temperature adjustment with override and holiday functions. TIME - 7day, multiple time period setting in each zone TEMPERATURE - level settings (frost 5-15ºC), (setback 5-30ºC) and (comfort 5-30ºC)

Panel heater features - integral digital electronic thermostat

---

SH — Plug-in single heater 7 day programmable timer module (with setback)

Credasaver Plug-in
Programmer
Ref: 85712
Model: CZS

RF Electronic
Panel Heaters

RF Electronic
Plinth Heaters

Single heater control - not system linked

7 day plug-in programmer module - mains powered by the panel heater

Number of heaters - single heater control only

Programmer features: 15 pre-set programmes over a 7 day period. Integral setback thermostat (5-20ºC)

Panel heater features - integral digital electronic thermostat for comfort setting (5-30ºC)

RF — RF remote thermostat / programmer kits for auxiliary appliances
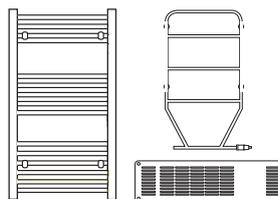
RF Thermostat &
Receiver Kit
Ref: 75 770917
Model: RFRTK

RF Thermostat &
Programmer & Receiver
Ref: 75 770920
Model: RFRTK7

RF Receiver
Ref: 75 770920
Model: RFRTK7

Towel rails, Plinth Heaters and other heaters without controls

Radio frequency signalling - wireless signalling between thermostat/programmer unit and the receiver at the heater

Number of heaters - multiple heaters with receivers fitted up to a maximum total loading of 2kW

Thermostat unit features - push on/off rotary control (5ºC -30ºC) with 30 minute boost

Thermostat with programmer unit - 4 programmable on/off time periods for weekdays and weekends. LCD display with 12hr backup memory