

DC4-250T & DC9-500T

DC HEAT INFRARED HEATING PANELS

Why Electric Infrared Heating versus other heating options?

Consider being in the Sun on a cold winter's day. You can feel the warmth of the Sun before the air is warm.

The feeling of warmth is almost instantaneous you can feel it as soon as the Sun emerges from behind a cloud.

Infrared is the most natural form of heating as it is a wavelength of our own Sun's rays

This natural form of heat transfer provides the healthiest and most efficient electrical way to heat people and places and now with a 48v energy efficient power source it proves costs

and carbon emissions from DC Heat electric heating panels are lower than ever before. Using DC (Direct Current) electricity as its power source, it requires less resistance/Ohms to create the heat than Alternating Current based competitive products so can create the same levels of heat with reduced power levels.

DC Heat Panels outperform every alternative electric heating option available and via smarter and more controllable programming, including a mobile phone application, to support energy usage management, DC Heat electric panels beat all forms of domestic home, multi occupancy or commercial heating solutions, including gas, oil and air source heat pumps, after factoring total cost of ownership, maintenance, replacement costs and consumption of gas, oil or grid electricity.

DC HEAT INFRARED HEATING PANELS

Possibly the UK's ultimate low energy (low voltage) electric heating solution

Up to 40-45% energy savings using our DC panel compared to standard 230v Convection Electrical panels

ULTRA LOW ENERGY LOW CARBON HEATING

48V @ LOW
CARBON HEAT
MADE IN BRITAIN

48Vlowcarbonheat.co.uk

DCHeat DC4-250T (Standalone Power)
230V DC 485x745mm 250W Matt White

DCHeat DC9-500T (Standalone Power)
230V DC 940x745mm 500W Matt White

Main Features:

ENERGY EFFICIENT RADIANT HEATING PANEL.

LOW CARBON HEATING SOLUTION

70% RADIANT HEATING & 30% CONVECTION HEATING

LOW VOLTAGE – SAFE & SIMPLE TO INSTALL AND OPERATE

BY USING DC DIRECT CURRENT ELECTRICITY AS A POWER SOURCE IT REQUIRES LESS RESISTANCE/OHMS TO CREATE HEAT THAN ALTERNATE CURRENT BASED COMPETITIVE PRODUCTS SO CREATING THE SAME LEVELS OF HEAT WITH REDUCED POWER LEVELS

LIGHTWEIGHT PLUG&PLAY HEATING SOLUTION

ZERO MAINTENANCE OR ONGOING SERVICING/CHECKS REQUIRING PROPERTY ACCESS

NO MOVING PARTS – NO MAINTENANCE (NO ANNUAL CHECKS)

CAN BE POWERED BY SOLAR PANELS & RENEWABLES

FULLY INSULATED PANEL TO MAXIMISE RADIATED HEAT OUT OF THE FRONT OF THE PANEL AND NOT HEATING THE WALLS

ALUMINIUM POWDER COATED PANEL

SURFACE TEMPERATURE 80°C

LOCALISED HEATING - ONLY HEAT THE AREA REQUIRED SUCH AS WORK STATIONS

WALL OR CEILING MOUNTED FREEING UP FLOOR AND WALL SPACE AND REDUCE THE RISK OF DAMAGE AND VANDALISM

GENTLE RADIANT HEAT RESULTS IN IMPROVED COMFORT

CONDITIONS AT LOWER INSIDE AMBIENT TEMPERATURE, PROVIDING COMFORTABLE CONDITIONS AT LOWER RUNNING COSTS

RADIANT HEATING MINIMISES AIR CONVECTION CURRENTS, THEREFORE MINIMISING DUST MOVEMENT AND PROVIDING A CLEAN, DRAFT FREE ENVIRONMENT

T: 07973 621 469

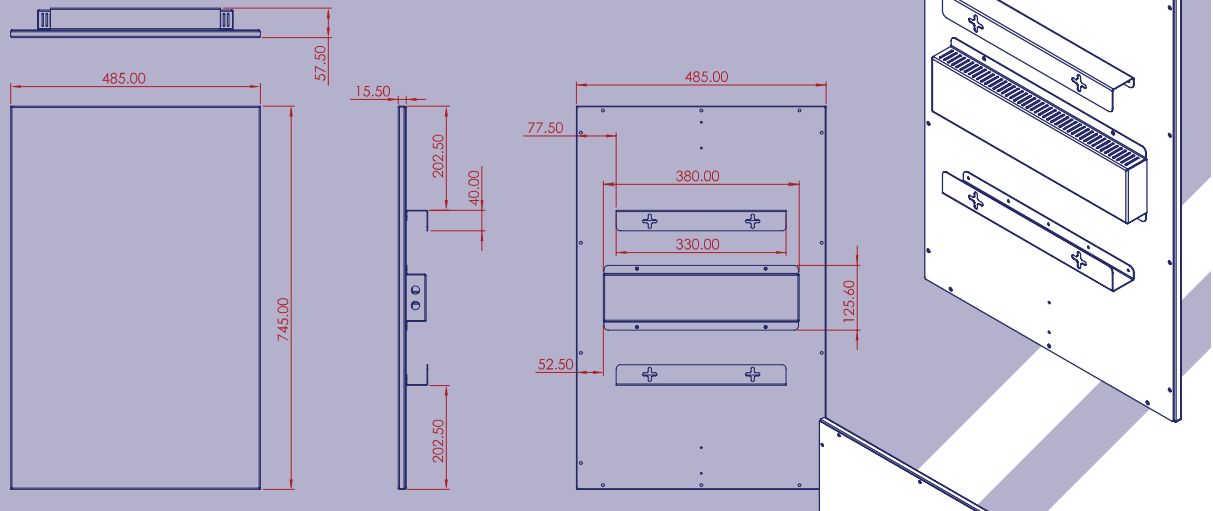
E: sales@48vlowcarbonheat.co.uk

Sizes & Dimensions

DCHEAT DC4-250T

(STANDALONE POWER) 230V AC 485x745mm 250W MATT WHITE

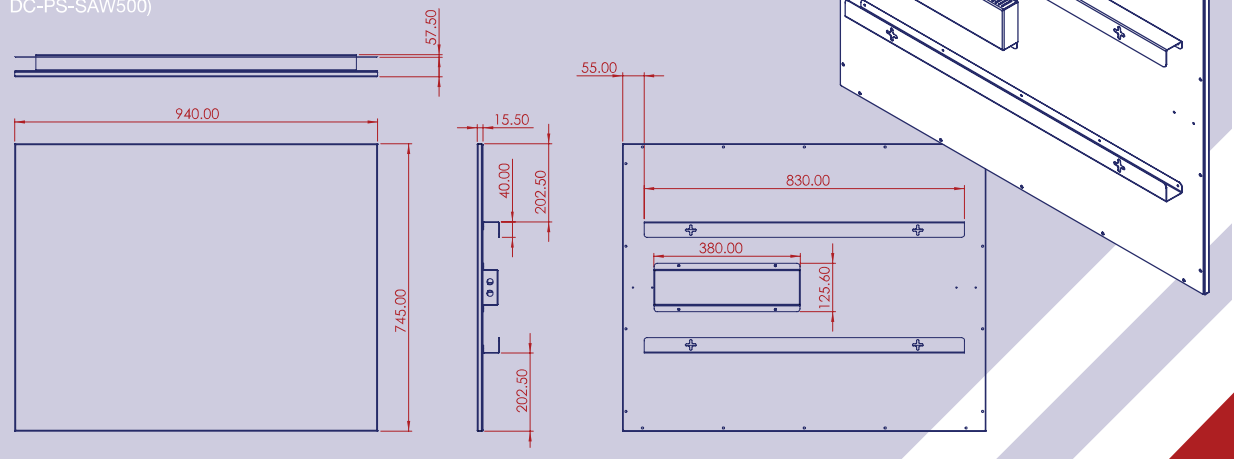
Standalone power models utilise a 250W Slim Type with PFC Switching Supply (DCHeat DC-PS-SAW250)



DCHEAT DC9-500T

(STANDALONE POWER) 230V AC 940x745mm 500W MATT WHITE

Standalone power models utilise a 500W Slim Type with PFC Switching Supply (DCHeat DC-PS-SAW500)



Technical Specification

	DCHEAT DC4-250T	DCHEAT DC9-500T
POWER SUPPLY	230V DC	230V DC
POWER DISTRIBUTION	Standalone Power	Standalone Power
ELEMENT VOLTAGE	48V DC	48V DC
DIMENSIONS	485mm x 745mm	940mm x 745mm
SURFACE TEMPERATURE (Max) +/- 5%	80°C	80°C
HEAT OUTPUT	250 Watts	500 Watts
POWDER COATING	Matt White	Matt White
WATTS PER M2*	50	50
POWER CONSUMPTION	0.25kWhs per hour	0.5kWhs per hour
MOUNTING	Wall or Ceiling	Wall or Ceiling
HEATING PERFORMANCE	70% Radiant/30% Convection	70% Radiant/30% Convection
WEIGHT	4kg	8kg
MAINTENANCE REQUIREMENTS	No Annual Maintenance	No Annual Maintenance
PANEL MATERIAL	Aluminium	Aluminium

Power
your CP
heating panels
directly from
solar panels!
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DETAILS



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T: 07973 621 469 | E: sales@48vlowcarbonheat.co.uk

VALE MILL | STANSFIELD RD | TODMORDEN
| WEST YORKSHIRE | OL14 5DL | UNITED KINGDOM