



# New Classic

March 2008

## Storage, Panel and Combi Heaters

Made in the UK exclusively for Denmans/Clearlight.

### COMBI HEATERS

New Classic

This range provides the benefit and convenience of economy storage heating with the flexibility of "direct-acting" top up heat. Increased controllability allows the user to turn on the convector and enjoy heat on demand. Comfort conditions are automatically maintained with the convector element controlled by a thermostat. This range has the benefit of allowing the storage heat and convector to operate separately or simultaneously. The convector element can be used even when the storage heater is charging. The convector switch incorporates a neon indicator to reduce inadvertent use.

#### Combination Heaters

Storage heaters with automatic input charge control.

- Automatically adjusting input charge controller.
- Room temperature boost control.
- Frontal grille for efficient heat distribution.
- Suitable for domestic or commercial use.
- BEAB approved.
- Excellent value for money.



### COMBI HEATERS

New Classic

**Controls**  
Room temperature control located top right side of front panel.

**Storage core**  
High density bonded magnetite bricks.

**Element**  
0.85 kW Incoloy sheathed.

**Insulation**  
Front: microtherm G.  
Rear: low resin mineral wool.  
Top and ends: low resin mineral wool.  
Base: calcium silicate slab.

**Thermal Cut Out**  
Bimetal, manual reset.

**Input Charge Controller**  
Hydraulic room temperature sensing thermostat.

**Class**  
Class 1.

**Colour/Finish**  
Front, grille and side panels: Willow White.

**Cable Length**  
None fitted.

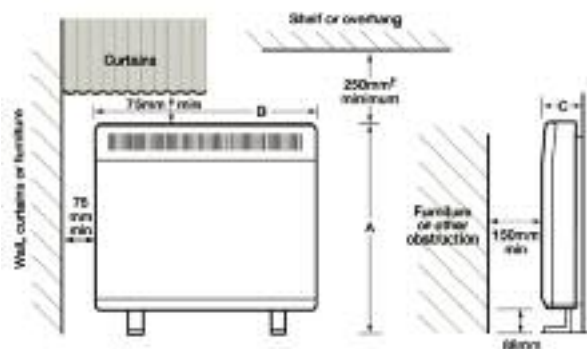
**Standard Warranty**  
2 years.

**Approvals**  
CE, BEAB, IPX2.

CHECK THE LATEST EDITION OF THE CONNECTOR FOR OUR FULL RANGE OF STORAGE AND PANEL HEATING!

CODE	Description
NC170WCOM	1700W Automatic Combination Heater
NC255WCOM	2550W Automatic Combination Heater
NC330WCOM	3400W Automatic Combination Heater

Performance	NC170WCOM	NC255WCOM	NC330WCOM
Voltage (~AC)	230-240	230-240	230-240
Input rating	1.7 kW	2.55 kW	3.4 kW
Charge acceptance (7hr)	12 kWh	18 kWh	24 kWh
No. Elements (0.85kW)	2	3	4
No. Bricks	8	12	16
<b>Dimensions</b>			
Height (A) (incl. feet)	700mm	700mm	700mm
Width (B)	560mm	788mm	1016mm
Depth (C)	204mm	204mm	204mm
Weight (incl. bricks)	78 kg	112 kg	147 kg
Packed weight	17.5 kg	23.5 kg	28.5 kg



All information for guidance only. Pictures for illustrative purposes only.

# NEW CLASSIC HEATING SPECIFICATIONS

New Classic

If you need to obtain an indication of the heating requirements for estimating please use the Selection Guide below. Heater sizing for storage heaters and panels can be easily calculated. Knowing the floor area, the wall construction and the number of outside walls, the heater loading in kilowatts is indicated in the appropriate table. These tables do not take into account particularly old properties or those built very recently. If your property fits into one of these classifications, please contact us so that we can provide a more accurate assessment. Note a ceiling height of 2.4m is assumed and a minimum of 75mm of roof insulation.

## LIVING OR DINING ROOM

### Storage Heaters. Heater loading in kW Temp 18°C

Floor Area m <sup>2</sup>	Solid Walls Number of outside walls			Cavity Walls Number of outside walls			Insulated Cavity Walls Number of outside walls		
	1	2	3	1	2	3	1	2	3
12	3.5	4.1	5.4	3.0	3.6	4.7	2.1	2.4	3.2
16	3.9	4.7	6.0	3.5	4.4	5.4	2.6	3.0	3.6
20	5.0	5.9	7.4	4.4	5.1	6.5	3.2	3.6	4.4
24	5.6	6.5	8.1	5.0	5.9	7.1	3.9	4.4	5.0
28	6.2	7.4	9.0	5.6	6.5	8.0	4.1	4.7	5.6
32	6.6	8.1	9.9	6.2	7.1	8.9	4.5	5.1	6.0

## BEDROOMS

### Panel Heaters recommended. Heater loading in kW Temp 18°C

Floor Area m <sup>2</sup>	Solid Walls Number of outside walls			Cavity Walls Number of outside walls			Insulated Cavity Walls Number of outside walls		
	1	2	3	1	2	3	1	2	3
8	0.8	1.3	1.7	0.8	1.0	1.4	0.8	0.9	1.4
12	0.9	1.8	2.3	0.9	1.4	2.1	0.8	1.4	1.8
16	1.2	2.1	2.7	1.0	1.7	2.2	0.9	1.6	2.1
20	1.4	2.2	3.1	1.2	2.0	2.6	1.0	1.8	2.4
24	1.5	2.3	3.4	1.2	2.1	2.9	1.0	1.9	2.5

For storage heaters multiply all loading by 1.5

## KITCHEN

### Storage Heating. Heater loading in kW Temp 18°C

Floor Area m <sup>2</sup>	Solid Walls Number of outside walls			Cavity Walls Number of outside walls			Insulated Cavity Walls Number of outside walls
	1	2	3	1	2	3	
10	1.6	2.1	2.9	1.4	2.0	2.4	For all kitchens with cavity wall insulation direct heating is fine, choose from plinth heaters or fan heaters for all situations
12	1.9	2.7	3.3	1.7	2.3	2.9	
14	2.1	3.0	3.6	2.0	2.6	3.1	
16	2.4	3.3	3.9	2.1	2.9	3.4	

## OFFICES AND GENERAL AREAS

### Panel Heaters. Heater loading in kW Temp 21°C

Floor Area m <sup>2</sup>	Solid Walls	Cavity Walls	Insulated Cavity Walls
15	3.8	2.6	1.5
20	5.0	3.5	2.0
25	6.3	4.4	2.5
30	7.5	5.3	3.0
40	10.0	7.0	4.0
50	12.5	8.8	5.0

## AUTO STORAGE HEATERS

New Classic

### Controls

Room temperature control.  
Room temperature boost.  
Both controls concealed behind flap, top right hand corner.

### Storage core

High density bonded magnetite bricks.

### Element

0.85 kW Incoloy sheathed.

### Insulation

Front: microtherm G.  
Rear: resin free needle fibre.  
Top and ends: low resin mineral wool.  
Base: calcium silicate slab.

### Thermal Cut Out

Bimetal, manual reset.

### Input Charge Controller

Adjustable twin sensing hydraulic room sensing thermostat and pre-set bi metal core limit thermostat.

### Damper Control (Boost)

Bi-metal/cam assembly, giving user adjustable boost selection.

### Colour/Finish

Front, grille and side panels: Willow White.

### Cable Length

None fitted.

### Standard Warranty

2 years.

### Approvals

CE, BEAB, IPX2.

Performance	NC1700WAUT	NC2550WAUT	NC3300WAUT
Voltage (-AC)	230-240	230-240	230-240
Input rating	1.70 kW	2.55 kW	3.4 kW
Charge acceptance(7hr)	12 kWh	18 kWh	24 kWh
No. Elements (0.85kW)	2	3	4
Dimensions			
Height (A)	700mm	700mm	700mm
Width (B)	560mm	788mm	1016mm
Depth (C)	170mm	170mm	170mm
Weight (incl. bricks)	77 kg	110 kg	145 kg
Packed weight	16.5 kg	21.5 kg	26.5 kg

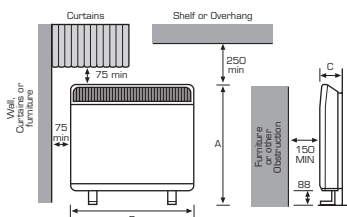


Diagram 1: New Classic Auto Storage Heaters

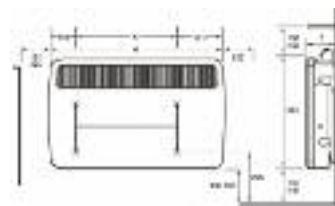


Diagram 2: New Classic Panel Heaters

All information for guidance only. Pictures for illustrative purposes only.

## MINI STORAGE HEATERS

New Classic

### Controls

No user adjustable controls.

### Storage core

High density bonded magnetite bricks.

### Element

0.85 kW Incoloy sheathed.

Performance	NC850MANU
Voltage (-AC)	230-240
Input rating	0.85 kW
Charge acceptance(7hr)	6 kWh
No. Elements (0.85kW)	1
Dimensions	
Height (A)	707mm
Width (B)	332mm
Depth (C)	170mm
Weight (incl. bricks)	41 kg
Packed weight	11 kg

**Storage Heat Retention Bricks.** These are the Industry standard bricks. Each element in a heater has 4 bricks surrounding it. They are supplied in packs of two and weigh approx 7.5kg each.

### Insulation

Front: microtherm G.  
Rear: resin free needle fibre.  
Top and ends: low resin mineral wool.  
Base: calcium silicate slab.

### Thermal Cut Out

Bimetal, manual reset.

### Input Charge Controller

Bi metal thermostat, preset.

### Colour/Finish

Front, grille and side panels: Willow White.

### Cable Length

None fitted.

### Standard Warranty

2 years.

### Approvals

CE, BEAB, IPX2.

## PANEL HEATERS

New Classic

### Controls

Adjustable thermostat  
24 hour timer (NC2PH Timer models only).

### Power Switch

Non timer models: Single pole ON/OFF switch.  
Timer models: 24 hour timer which can be preset to 20min intervals and incorporates manual override switch to provide either constant heat or switch heater off. 125, 150 and 200 models offer choice of half or full heat power settings.

### Element

Finned, metal sheathed mineral filled type.

### Thermostat

Gas filled type.

### Thermal Cut Out

Interrupt supply to reset type.

### Colour/Finish

Front, grille and side panels: Willow White.

### IP Rating

IPX4 (splashproof).

### Cable Length

1 metre of flex fitted.

### Standard Warranty

2 years.

### Approvals

CE, BEAB.

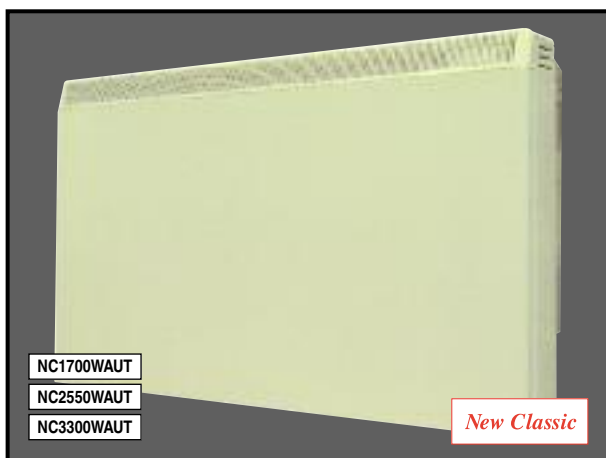
	NC2PH750	NC2PH1250	NC2PH1500	NC2PH2000	NC2PH3000
Performance	NC2PH750T	NC2PH1250T	NC2PH1500T	NC2PH2000T	NC2PH3000T
Loading kW	0.75 kW	1.25 kW	1.5 kW	2.0 kW	3.0 kW
Dimensions					
Width (A) (mm)	620	690	690	860	860
Height (mm)	430	430	430	430	430
Depth (B) (mm)	108	108	108	108	115
(X) (mm)	287	355	355	527	527
Weight (kg)	6.2	6.6	6.6	8.0	10.0

# STORAGE & PANEL HEATERS

*New Classic*

New Classic storage and panel heaters can provide heating solutions for every room in the house. Whether it's a whole house heating system or a single room one of the real benefits is that you can choose from a comprehensive range to meet your exact requirements, at a price that is affordable.

**CHECK THE LATEST EDITION OF THE CONNECTOR FOR OUR FULL RANGE OF STORAGE AND PANEL HEATING!**



## Auto Storage Heaters

Storage heaters with automatic input charge control.

- Automatically adjusting input charge controller.
- Room temperature boost control.
- Frontal grille for efficient heat distribution.
- Suitable for domestic or commercial use.
- BEAB approved.
- Excellent value for money.

CODE	Description
NC1700WAUT	1700W Automatic Storage Heater
NC2550WAUT	2550W Automatic Storage Heater
NC3300WAUT	3300W Automatic Storage Heater



## Mini Storage Heater

Mini storage heater with preset manual input charge control.

- Designed for use in confined areas, for background heating or to supplement an existing system.
- Ideal for use in bathrooms, cloakrooms & en-suites.
- BEAB approved.
- Frontal grille for efficient heat distribution.
- Suitable for domestic or commercial use.
- 850 Watt.
- Excellent value for money.



## Slim Line Wall Mounted Panel Convector Heaters

Available with and without 24 hour timer.

- Convected heat for rapid warm up.
- Five sizes available with heat outputs up to 3kW.
- Frost protection setting.
- Splash-proof, ideal for wet areas such as bathrooms.
- Suitable for domestic and commercial use.
- Excellent value for money.
- Colour matched to the New Classic storage heaters.

CODE	Description
NC2PH750	750W Panel Heater without Timer
NC2PH1250	1.2kW Panel Heater without Timer
NC2PH1500	1.5kW Panel Heater without Timer
NC2PH2000	2kW Panel Heater without Timer
NC2PH3000	3kW Panel Heater without Timer

CODE	Description
NC2PH750T	750W Panel Heater with Timer
NC2PH1250T	1.2kW Panel Heater with Timer
NC2PH1500T	1.5kW Panel Heater with Timer
NC2PH2000T	2kW Panel Heater with Timer
NC2PH3000T	3kW Panel Heater with Timer

**TIMER VERSIONS**