CI/SfB (56)

CONSORT CLAUDGEN

2023 heat

ELECTRIC HEATING SOLUTIONS

For domestic, commerical & industrial environments

Welcome to Consort Claudgen's Heat brochure.

This product directory has been designed with ease of use in mind and to assist you in selecting the right products for your requirements and application.

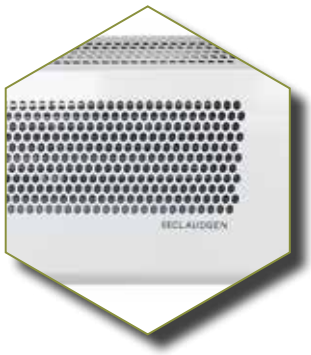
In this brochure, explore our electric heating systems that offer many potential savings in energy and cost through a variety of heating control options and heaters. They are suitable for many applications in residential and commercial premises.

Our Consort Connect app provides complete control over heating remotely through users' smartphone or tablet. It can control Consort's Wi-Fi enabled heaters and SL heaters connected to an SLPBWIFI wireless controller. There are many control features such as a 7-day timer with 24 heating periods per day, a lock function, open window tracking and response capability, and custom automations. Explore more on page 4.

We have also introduced a PVE range. In addition to having a timer battery backup, these heaters are more affordable and have the same features as our PLE panel heaters. Turn to page 8 for more details.

We have launched a new electronic controller, CHMC (Commercial Heater Master Controller), which is compatible with the Commercial Fan Heaters and can control up to 8 heaters. To know more about its energy saving features, turn to page 21.

Our extra wide Screenzone air curtains have been redesigned with honeycomb grille and include a new width of 2 metres. They are also available in 15kW and 18kW ratings. Find out more about the new CA models and the energy and cost saving features of the optional ACMC controller on page 22.



Consort Claudgen is synonymous with quality and reliability and has for many years enjoyed a reputation for producing safe and stylish products that are not only recognised as technically excellent but offer real benefits to Specifiers, Installers and End-users alike.

At Consort Claudgen, we have extensive experience and commitment to develop and manufacture high quality products for domestic and commercial environments, ranging from panel, fan or low surface temperature heaters, to towel rails and air curtains.

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GET CONNECTED AND START SAVING WITH OUR WIFI CONTROLLED HEATING SOLUTION

NEW

OUR FREE CONSORT CONNECT APP LETS YOU CONTROL YOUR HEATING FROM WHEREVER YOU ARE.

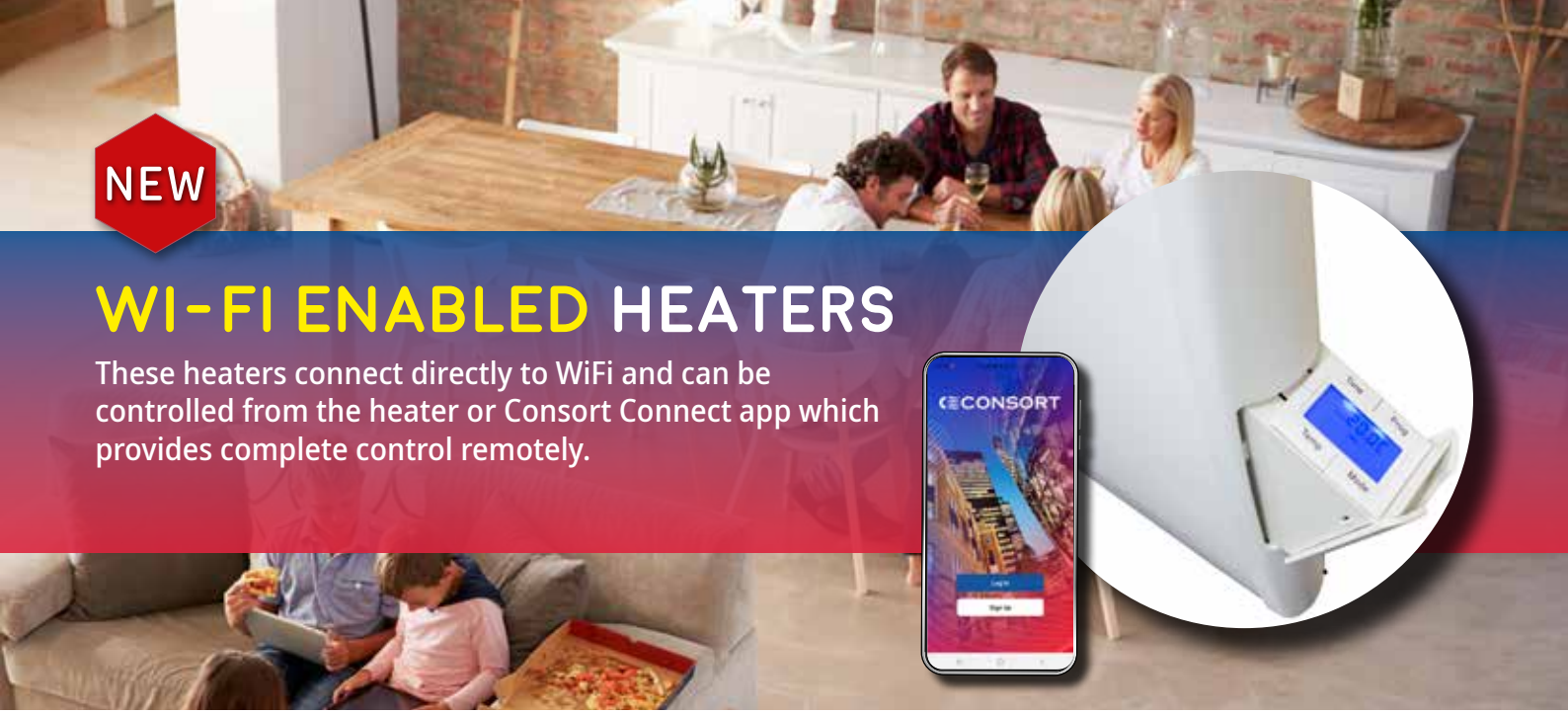
GET IT ON Google Play

Download on the App Store

Consort Connect app features:

- Complete control via smartphone/ tablet.
- No hub required. Heaters connect directly to WiFi (only 2.4GHz, not 5GHz WiFi or WiFi set to automatc settings).
- All SL Consort heaters can be controlled by the app via SLPBWIFI* wireless controller.
- 4 modes - Frost, Automatic, Manual and Boost.
- Open window detection.
- Occupancy sensor & self-learning Automatic mode (only available in 'MWIFI' heaters and SLPBWIFI).
- View energy usage of all connected heaters in the last day, week, month and year.

* The SLPBWIFI wireless controller connects to Consort Connect app which provides the programming and energy saving features, including Boost.



WI-FI ENABLED HEATERS

These heaters connect directly to WiFi and can be controlled from the heater or Consort Connect app which provides complete control remotely.

The app provides the same control features as the digital control panel on the heater and is simple to set up. Users can configure settings of all connected heaters.

PLE-WIFI	PLSTiE-WIFI	LSTE-WIFI

Wi-Fi enabled heaters: PLE-WIFI, PLSTiE-WIFI & LSTE-WIFI

- 7-day timer with 24 heating periods per day.
- Heaters will only work with 2.4GHz WiFi, not 5GHz WiFi or WiFi set to automatic settings.
- Ability to view energy consumption statistics.
- Open window tracking and response capability.
- Copy day function.
- Create scenes and time/location based automations.
- 4 operating modes: Programme, Boost, Setback & Manual.
- Boost option for up to 4 hours in 15-minutes steps.
- Comfort heat setting between 15°C to 35°C.
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 4°C to 15°C.
- Maintains temperature within 0.7 degrees.
- Easy operation.
- Lock function with 4-digit pin code to prevent accidental or purposeful changes to settings.
- Slimline and clean design.
- Concealed digital controls on heater.
- Digital control panel has easy-to-read display and 4 large control buttons with tactile feedback.
- Splash proof to IP24 for use in bathrooms and other damp areas.
- Hinged wall mounting system for easy installation and decorating.
- Optional control panel locking kit (PLK1).
- Automatic safety cut-out.
- Fitted with 1.1m of supply cable.
- Finished in white.

PLE-WIFI additional features

- Strengthened grilles to increase durability.
- Very quiet operation.

PLSTiE-WIFI additional features

- Strengthened grilles to increase durability.
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidelines Notes.
- Incorporates EC motor for improved energy efficiency.
- Quiet operation.

LSTE-WIFI additional features

- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidelines Notes.
- Very quiet operation.

Safety monitoring & intelligent fan control features in PLSTiE-WIFI heaters

Safety monitoring

In the unlikely event of a fault, the safety monitoring will help prevent high surface temperatures and the heaters will beep at different intervals to indicate the type of failure.

Intelligent fan control

The fan speed of the heater automatically adjusts relative to the room's current temperature in order to achieve a warm airflow temperature. This eliminates the heater from blowing cold air when initially powered on in a cold room.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight
PLE050WIFI	0.5	430	93	442	4.0
PLE075WIFI	0.75	430	93	442	4.0
PLE100WIFI	1	430	93	614	5.0
PLE125WIFI	1.25	430	93	720	6.0
PLE150WIFI	1.5	430	93	720	6.0
PLE200WIFI	2	430	93	852	6.5

Model No.	kW	Height	Depth	Width	Weight
PLSTi050EWIFI	0.5	430	93	506	4.5
PLSTi075EWIFI	0.75	430	93	506	4.5
PLSTi100EWIFI	1	430	93	640	6.0
PLSTi150EWIFI	1.5	430	93	892	8.0

Model No.	kW	Height	Depth	Width	Weight
LST500EWIFI	0.5	430	93	832	6.3
LST800EWIFI	0.8	430	93	1195	8.7

NEW

'MWIFI' HEATERS WITH OCCUPANCY SENSOR

PLE-MWIFI

LSTE-MWIFI

The self-learning control ability uses in-built occupancy sensors to detect and learn a user's weekly presence in a room. It then creates a heating schedule and automatically warms the room according to the detected or predicted occupancy.

When the room is unoccupied, the heater will conserve energy by switching to a setback temperature or frost protection mode.

Wi-Fi enabled heaters with occupancy sensor: PLE-MWIFI & LSTE-MWIFI

The 'MWIFI' heaters have the same features and functions as the 'WIFI' heaters on page 5, however, they offer the added benefits of:

- In-built occupancy sensors.
- Self-learning control ability utilising occupancy and temperature sensors.

PLE-MWIFI additional features

- Strengthened grilles to increase durability.
- Very quiet operation.

LSTE-MWIFI additional features

- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidelines Notes.
- Very quiet operation.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight
PLE050MWIFI	0.5	430	93	442	4.0
PLE075MWIFI	0.75	430	93	442	4.0
PLE100MWIFI	1	430	93	614	5.0
PLE125MWIFI	1.25	430	93	720	6.0
PLE150MWIFI	1.5	430	93	720	6.0
PLE200MWIFI	2	430	93	852	6.5

Model No.	kW	Height	Depth	Width	Weight
LST500EMWIFI	0.5	430	93	832	6.3
LST800EMWIFI	0.8	430	93	1195	8.7

PANEL HEATERS

PLE, PVE, PVSL & PSL PANEL HEATERS

The panel heaters are suitable for many applicatons in domestic and commercial environments. They are very quiet in operation and have many control features.

PLE Electronic 7-day timer

PVE Electronic 7-day timer with timer battery backup

PSL Wireless controlled panel heater

PVSL Wireless controlled panel heater

Electronic 7-day timer heaters: PLE & PVE

- 7-day programme, 6 heating periods per day.
- Very quiet operation.
- Open window detection.
- Copy day function.
- 4 operating modes: Programme, Boost, Setback & Manual.
- 15-minutes Boost feature.
- Comfort heat setting between 15°C to 35°C.
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 4°C to 15°C.
- Automatic safety cut-out.
- Can set temperatures in degrees Celsius or Fahrenheit.
- Maintains temperature within 0.7 degrees.
- Easy-to-read display.
- Easy operation.
- Large control buttons with tactile feedback.
- Electronic child lock.
- Slimline and clean design.
- Splash proof to IP24 for use in bathrooms and other damp areas.
- Hinged wall mounting system for easy installation and decorating.
- Fitted with 1.1m of supply cable.
- Finished in white or stainless steel.

PLE additional features

- Strengthened grille for increased durability.
- Optional control panel locking kit (PLK1).

PVE additional features

- Timer battery backup.
- Power button to manually power on or off the heater.

Wireless controlled panel heaters: PSL & PVSL

- Compatible with advanced single zone controllers* and SL controllers**.
- Wireless controllers to be purchased separately.
- Very quiet operation.
- Automatic safety cut-out.
- Splash proof to IP24 for use in bathrooms and other damp areas.
- Snap-on bracket for easy installation and decorating.
- LED indicator light.
- Fitted with 1.1m of supply cable.
- Finished in white.

PSL additional features

- Strengthened grille for increased durability.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight
PLE050	0.5	430	93	442	4.0
PLE075	0.75	430	93	442	4.0
PLE100	1	430	93	614	5.0
PLE125	1.25	430	93	720	6.0
PLE150	1.5	430	93	720	6.0
PLE200(SS)	2	430	93	852	6.5

Note: 'SS' denotes stainless steel finish.

Model No.	kW	Height	Depth	Width	Weight
PVE050	0.5	426	98	428	4.0
PVE075	0.75	426	98	428	4.0
PVE100	1	426	98	568	5.0
PVE150	1.5	426	98	703	6.0
PVE200	2	426	98	768	6.5

Model No.	kW	Height	Depth	Width	Weight
PSL050	0.5	430	93	442	4.0
PSL075	0.75	430	93	442	4.0
PSL100	1	430	93	614	5.0
PSL125	1.25	430	93	720	6.0
PSL150	1.5	430	93	720	6.0
PSL200	2	430	93	852	6.5

Model No.	kW	Height	Depth	Width	Weight
PVSL050	0.5	426	98	428	4.0
PVSL075	0.75	426	98	428	4.0
PVSL100	1	426	98	568	5.0
PVSL150	1.5	426	98	703	6.0
PVSL200	2	426	98	768	6.5

LOW SURFACE TEMPERATURE HEATERS

PLSTIE, CN2MLSTIE, LSTE, PLSTISL, CSL, CN1MLSTFS & TRF30

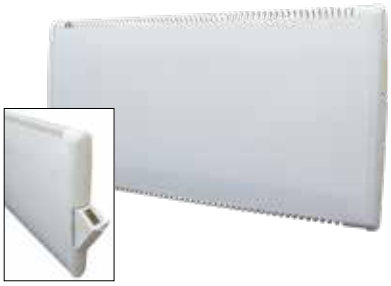
All low surface temperature heaters are designed with a maximum surface temperature of 43ºC complies with NHS Estates Health Guidance Notes.

Electronic 7-day timer heaters: PLSTiE, CN2MLSTiE & LSTE

PLSTiE

CN2MLSTiE

LSTE



- 7-day programme, 6 heating periods per day.
- Quiet and easy operation.
- Open window detection.
- Copy day function.
- Digital controls.
- 4 operating modes: Programme, Boost, Setback & Manual.
- 15-minutes Boost feature.
- Comfort heat setting between 15°C to 35°C.
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 4°C to 15°C.
- Automatic safety cut-out.
- Can set temperatures in degrees Celsius or Fahrenheit.
- Maintains temperature within 0.7 degrees.
- Easy-to-read display.
- Large control buttons with tactile feedback.
- Electronic child lock.
- Finished in white.

PLSTiE & LSTE additional features

- Splash proof to IP24 for use in bathrooms and other damp areas.
- Optional control panel locking kit (PLK1) is available.
- Hinged wall mounting system for easy installation and decorating.
- Fitted with 1.1m of supply cable.

CN2MLSTiE additional features

- Mesh grille to prevent objects being dropped into the heater.
- LED light indicator.

Safety monitoring & intelligent fan control features in PLSTiE, CN2MLSTiE & PLSTiSL heaters

Safety monitoring

In the unlikely event of a fault, the safety monitoring will help prevent high surface temperatures and the heaters will beep at different intervals to indicate the type of failure.

Intelligent fan control

The fan speed of the heater automatically adjusts relative to the room's current temperature in order to achieve a warm airflow temperature. This eliminates the heater from blowing cold air when initially powered on in a cold room. Incorporates EC motor for improved energy efficiency.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA
PLSTi050E	0.5	430	93	506	4.5	30
PLSTi075E	0.75	430	93	506	4.5	30
PLSTi100E	1	430	93	640	6.0	31
PLSTi150E	1.5	430	93	892	8.0	33
PLSTi150SSE	1.5	430	93	892	8.0	33

Note: 'SS' denotes stainless steel finish. dBA readings are taken at ambient temperature of 20°C.

Model No.	kW	Height	Depth	Width	Weight
LSTE500E	0.5	430	93	832	6.3
LSTE800E	0.8	430	93	1195	8.7

Model No.	kW	Height	Depth	Width	Weight	dBA
CN2MLSTiE	2	360	143	750	8.0	35

Note: dBA readings are taken at ambient temperature of 20°C.

Wireless controlled panel heaters: PLSTiSL & CSL LST/MLST

PLSTiSL

CSL LST / MLST

- Compatible with advanced single zone controllers* and SL controllers**.
- Wireless controllers to be purchased separately.
- LED indicator light.
- Automatic safety cut-out.
- Finished in white.

PLSTiSL additional features

- Operates on a very low noise level.
- Splash proof to IP24 for use in bathrooms and other damp areas.
- Hinged wall mounting system for easy installation and decorating.
- Fitted with 1.1m of supply cable.

CSL MLST additional features

- Mesh grille to prevent objects being dropped into the heater.
- Quiet operation.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA
PLSTi050SL	0.5	430	96	506	4.5	30
PLSTi075SL	0.75	430	96	506	4.5	30
PLSTi100SL	1	430	96	640	6.0	31
PLSTi150SL	1.5	430	96	892	8.0	33

Note: dBA readings are taken at ambient temperature of 20°C.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA
CSL1LST	1	360	130	590	5.5	35
CSL2LST	2	360	143	750	8.0	40
CSL1MLST	1	360	130	590	5.5	35
CSL2MLST	2	360	143	750	8.0	40

Free standing 1kW LST fan heater: CN1MLSTFS

CN1MLSTFS

- With on/off switch.
- Mesh grille to prevent objects being dropped into the heater.
- Tilt switch turns the heater off if it is knocked over.
- Fan only setting for air circulation.
- Variable thermostat with frost protection setting.
- Screw lockable control access panel.
- Quiet operation.
- Automatic safety cut-out.
- Fitted cable with plug.
- Free standing with feet supplied.
- Finished in white.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA
CN1MLSTFS	1	420	160	590	5.5	35

LST Toweldry towel rails: TRF30

TRF30

- Adjustable wall brackets.
- Very economical to run.
- Fitted with 1m of supply cable.
- Double insulated Class II appliance, which eliminates the need for supplementary bonding.
- IP24 rated.
- Finished in white.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight
TRF30	0.03	425	86	465	1.5

CSL CONVECTOR HEATERS & CONVECTOR GUARD

CSL2SC, CSL2SR & CG2N

CSL2SC

CSL2SR

CG2N

Wireless controlled convector heater: CSL2SC & CSL2SR

CSL2SC is designed to reduce the temperature rise above the heater allowing it to be installed beneath cable trunking. CSL2SR offers the added benefit of reducing the risk of wall discolouration and delamination through the provision of a built in heat deflector.

- 2kW rating.
- Compatible with advanced single zone controllers* and SL controllers**.
- Wireless controller to be purchased separately.
- Virtually noiseless operation.
- Full length wall bracket for ease of installation.
- Automatic safety cut-out.
- LED indicator light.
- Finished in white.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

CSL2SC additional features

- Can be mounted 300mm or more below cable trunking.

CSL2SR additional features

- Reduced risk of wall staining and delamination.

Wall-mounted convector guard: CG2N

Ideal where extra protection is required for wall mounted convector heaters - for example, heavy traffic corridors, classrooms, workshops etc.

- Designed to fit a wide range of 2kW convector heaters.
- Provides extra mechanical protection and safety.
- Can be retrofitted.
- Reduces RF range on SL heaters.
- Finished in white.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight
CSL2SC	2	360	130	590	3.9
CSL2SR	2	360	130	590	3.9
CG2N	-	478	156	653	3.5

WALL MOUNTED FAN HEATERS

CHELSEA, FLOWZONE & HE7010 HIGH LEVEL FAN HEATERS

WMH3E Chelsea

HE6137E Flowzone

HE7010SL/HE7010RX

Wall mounted fan heater with electronic 7-day timer: WMH3E & HE6137E

The WMH3E is a sleek and stylish heater ideal for installations such as open plan offices or large conservatories. The HE6137E heater is a compact and robust heater which makes it a perfect choice where space is limited.

- 3kW rating.
- 7-day programme, 6 heating periods per day.
- Quiet operation.
- Open window detection.
- Copy day function.
- Digital controls.
- 4 operating modes: Programme, Boost, Setback & Manual.
- 15-minutes Boost feature.
- Comfort heat setting between 15°C to 35°C.
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 4°C to 15°C.
- Automatic safety cut-out.
- Frost protection setting.
- Can set temperatures in degrees Celsius or Fahrenheit.
- Maintains temperature within 0.7 degrees.
- Easy-to-read display and easy operation.
- 4 large control buttons with tactile feedback.
- Electronic child lock.
- Robust construction.
- Fitted with 1.8m of supply cable.
- HE6137E is finished in barley white and grey surround.

Wireless controlled high level fan heaters: HE7010SL & HE7010RX

Perfect for shops, offices and restaurants, indeed anywhere requiring discreet background heat. The heaters are quiet, economical in use and unobtrusive once installed.

- 3kW rating.
- All RX and SL heaters are compatible with advanced single zone controllers*.
- SL controllers** are compatible with SL heaters only.
- Wireless controllers to be purchased separately.
- Quiet operation.
- Automatic safety cut-out.
- Fan only setting for air circulation (for RX model).
- LED indicator light.
- Bracket supplied for angular adjustment of heat flow.
- Maximum mounting height is 2.3m.
- Finished in white.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA
WMH3E	3	260	120	584	4.5	37
HE6137E	3	260	115	500	5.7	37
HE7010SL / HE7010RX	3	210	115	485	4.0	44

Note: 200mm clearance from ceiling required for HE7010SL & HE7010RX.

DOWNFLOW FAN HEATERS

BFHSL, DF2 & DF2SL

BFHSL	DF2	DF2SL

Wireless controlled metal bodied downflow fan heaters: BFHSL

These are ideal for bathrooms, kitchens and areas requiring localised, controllable heat. The BFH2SL(SS) Heatflow features heating control options with compatible wireless controllers, comfort and setback temperature settings and automatic overheat safety cut-out. For ease of installation, it is fitted with a 0.9m cable.

- 2kW rating.
- Compatible with advanced single zone controllers* and SL controllers**.
- Wireless controllers to be purchased separately.
- Automatic safety cut-out.
- LED indicator light.
- Fixing / Securing bracket.
- Metal bodied.
- Finished in white or stainless steel.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

Wireless controlled downflow fan heater with thermostat: DF2SL

The new Consort DF2SL Heatflow is a wireless controlled downflow fan heater with variable thermostat. It features heating control options with compatible wireless controllers, comfort and setback temperature settings and automatic overheat safety cut-out. It provides rapid warmth and an adjustable heat output (1kW or 2kW) at installation.

- Up to 2kW heat output for fast heating.
- Variable thermostat.
- Compatible with advanced single zone controllers* and SL controllers**.
- Wireless controllers to be purchased separately.
- Enhanced safety with 3 levels of overheat protection.
- Double insulated Class II appliance.
- LED indicator light.
- Supply voltage: 230V - 240V, 50Hz
- Finished in white.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

Downflow fan heater with pull-cord switch: DF2

Features pull cord operation. Once activated, the heater operates on a pre-set period of 30 minutes or can be deactivated before the energy saving timer expires by pulling the pull cord again.

- Up to 2kW heat output for fast heating.
- Pull cord operation.
- Enhanced safety with 3 levels of overheat protection.
- Double insulated Class II appliance.
- LED indicator light.
- Supply voltage: 230V - 240V, 50Hz
- Finished in white.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight
BFH2SL	2	200	110	300	2.0
BFH2SLSS	2	200	110	300	2.0

Note: 'SS' denotes stainless steel finish.

Model No.	kW	Height	Depth	Width	Weight
DF2SL	1 or 2 (depending on pre-setting)	244	124	257	1.5

Model No.	kW	Height	Depth	Width	Weight
DF2	1 or 2 (depending on pre-setting)	244	124	252	1.5

CEILING HEATERS

WIRELESS CONTROLLED SURFACE CEILING & RECESSED FAN HEATERS

SURFACE CEILING FAN HEATERS

RECESSED CEILING FAN HEATERS

Surface ceiling: HE7237, HE7247 & HE7267 • Recessed: HE7230, HE7245 & HE7260

- 3kW, 4.5kW or 6kW rating.
- All RX and SL heaters are compatible with advanced single zone controllers*.
- SL controllers** are compatible with SL heaters only.
- Wireless controllers to be purchased separately.
- Quiet operation.
- Fan only setting for air circulation (for RX models).
- Wider operating range (for RX models).
- Sealed heater box for improved energy efficiency.
- Automatic safety cut-out.
- LED indicator light.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

Surface ceiling heaters additional features

- Designed to be suspended via its integral anchorage points and with a completely enclosed housing ensuring ease of installation.
- Complete with white aluminium diffuser and surface mounting kit.

Recessed ceiling heaters additional features

- Designed for discreet positioning in a suspended 600mm standard ceiling panel.
- Fits standard 600mm modular suspended ceiling system.
- Will fit shallow 210mm recess.
- Light weight for easy installation.
- Complete with white aluminum diffuser.

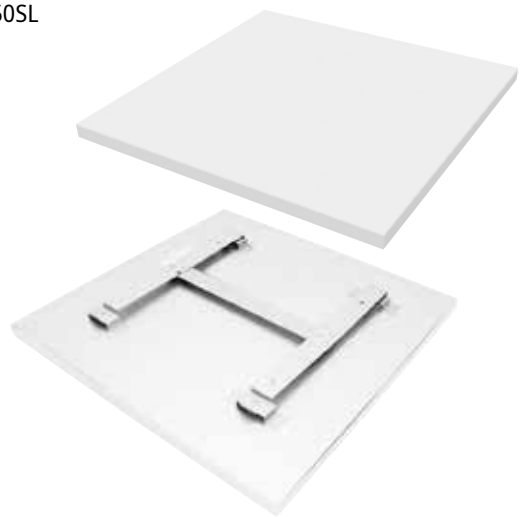
Dimensions (mm) and weight (kg)

Model No.	kW	Depth	Width	Length	Weight	dBA	Optimum Ceiling Height (m)
HE7237SL / HE7237RX	3	188	595	595	13.5	46	3.0
HE7247SL / HE7247RX	4.5	188	595	595	13.5	47	3.3
HE7267SL / HE7267RX	6	188	595	595	16.5	48	3.6

Model No.	kW	Depth	Width	Length	Weight	dBA	Optimum Ceiling Height (m)
HE7230SL / HE7230RX	3	175	595	595	7.5	37	3.0
HE7245SL / HE7245RX	4.5	175	595	595	7.5	38	3.3
HE7260SL / HE7260RX	6	175	595	595	10.5	40	3.6

RADIANT CEILING TILE HEATERS

RCT250SL



Radiant ceiling tile heaters: RCT250SL

The radiant ceiling tile heaters can be installed "invisibly" in a 600x600mm ceiling tile system or direct to a ceiling offering each office, showroom or corridor the maximum floor and wall space. With the integrated mounting system, the panels are easy to fit within any type of ceiling.

- 250W rating.
- Compatible with advanced single zone controllers* and SL controllers**.
- Can be installed in a ceiling tile system or directly on a ceiling using supplied brackets.
- Automatic safety cut-out.
- Insulated to reduce heat transfer to the ceiling.
- Easy to clean.
- Optimum mounting height: 2.5m.
- Silent operation.
- Finished in white.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

Dimensions (mm) and weight (kg)

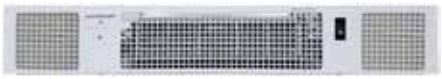
Model No.	kW	Height	Depth	Width	Weight
RCT250SL	0.25	590	40	590	4.7

PLINTH HEATERS

BLACK FINISH

STAINLESS STEEL FINISH

WHITE FINISH



Provides instant heat where space is at a premium & discreet yet effective heating is required.

Wireless controlled plinth heaters: PHSL

Cleverly concealed in the 'kick space' beneath counters, displays and kitchen units, stairwells and fitted furniture, plinth heaters are suitable for both commercial and domestic environments.

- 2kW or 3kW rating.
- Compatible with advanced single zone controllers* and SL controllers**.
- Wireless controllers to be purchased separately.
- Easy installation and maintenance.
- Minimum kick space height of only 100mm.
- Automatic safety cut-out.
- LED indicator light.
- Fitted with 2.2m of supply cable.
- Three different finishes.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

		Types of Finish		
		Black	Stainless Steel	White
Model No.	2kW	PHSL2BL	PHSL2S	PHSL2W
	3kW	PHSL3BL	PHSL3S	PHSL3W

Dimensions (mm) and weight (kg)

kW	Height	Depth	Width	Weight	dBA
2	100	180	500	2.2	40
3	100	180	600	2.5	40

TOWEL RAILS

TRF & TRJ

TRJ40

TRJ60

TRJ80

TRF30 - LOW SURFACE TEMPERATURE

Toweldry towel rails: TRF / TRJ

Our toweldry towel rails deliver the luxury of warm, dry towels - all day, everyday - economically & safely. They are ideal for bathrooms, kitchens and laundries. The range offers models to suit individual needs including Low Surface Temperature models suitable for retirement homes, hospitals and schools as well as domestic environments.

The 30W towel rails comply with NHS Estates Health Guidance Notes and have a maximum surface temperature of 43°C when uncovered.

- Adjustable wall brackets.
- Very economical to run.
- Fitted with 1m of supply cable.
- Double Insulated Class II appliance, which eliminates the need for supplementary bonding.
- IP24 rated.
- Finished in white.

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight
TRF30	0.03	425	86	465	1.5
TRJ40	0.04	415	86	465	1.5
TRJ60	0.06	665	86	495	1.9
TRJ80	0.08	875	86	540	2.6

COMMERCIAL FAN HEATERS

REQUIRES CHMC OR CRXSL WIRELESS CONTROLLER

Our commercial fan heaters are ideal in providing comfort heat while working in areas such as garages, workshops, warehouses, factories and many other commercial applications.

SURFACE CEILING FAN HEATERS

Commercial fan heaters: CH06CSiRX - CH12iRX

- 6kW, 9kW or 12kW ratings.
- Requires a separately purchased CHMC or CRXSL wireless controller.
- Single phase or 3 phase models.
- Sensor to detect the room temperature.
- Intelligent Fan Control feature:- The fan speed of the heater automatically adjusts relative to the room's current temperature in order to achieve warm airflow temperature. This eliminates the heater from blowing cold air when initially powered on in a cold room.
- Incorporates EC motor for improved energy efficiency.
- Electronic fault monitoring.
- One CRXSL controller can operate multiple heaters in single zone configuration.
- One CHMC controller can operate a maximum of 8 heaters with individual control.
- Time/Manual mode in CRXSL controller:
  - Allows fan and heat settings to be adjusted manually.
  - Allows set time schedule for fan and heat settings.
- CRXSL controller is compatible with separately purchased MRX1 Multizone controller for 'zoning' of the heating system.
- Instant directional warmth.
- 3 fan speeds, 3 heat settings with CRXSL (in Manual mode).
- 8 fan speeds, 8 heat settings with CHMC (in Manual Mode).
- Fan only setting for air circulation.
- Wall mounted with multi-directional brackets supplied (180° horizontal, 45° vertical).
- Maximum heat throw – 11 metres.
- Finished in white/grey.

Dimensions (mm) and weight (kg)

Model No.	Rating (kW)	Height	Depth	Width	Weight	Optimum Mounting Height (m)	Max dBA	Single / Single or 3 Phase
CH06CSiRX	6	272	338	332	11.5	2 - 3.4	59	Single
CH06CPiRX	6	272	338	332	11.5	2 - 3.4	59	3 phase
CH09iRX	9	272	338	332	11.5	2 - 3.4	59	3 phase
CH12iRX	12	272	338	332	11.5	2 - 3.4	59	3 phase

COMMERCIAL HEATER MASTER CONTROLLER (CHMC)

The CHMC controller is a new optional controller for our commercial fan heater range which provides many energy-saving features.

NEW

- Can control up to 8 heaters as a group or individually.
- Can be located in different room to heaters.
- Temperature sensor.
- 8 speed and 8 heat settings in Manual mode.
- 2 operating modes: Manual and Temperature Control
- 7-day timer with 2 heating periods per day.
- Easy to use interface and easy to set up.
- Fan only setting for air circulation.
- Compatible with Building Management Systems.
- Electronic lock.

TOP 5 BENEFITS:

- The electronic lock on CHMC prevents unwanted tweaking of temperature settings reducing energy wastage.
- As room temperature can be sensed at either CHMC, CHES or CH heaters, accurate temperature control can maintain heat levels with minimal energy waste.
- With CHES occupancy sensor, the heater will conserve energy when it detects no movement within a given range.
- Wi-Fi enabled for connection to Consort Connect app
  - App provides full functionality of CHMC remotely.
- Displays individual and total energy usage of heaters.

Dimensions (mm)

Model No.	Height	Depth	Width
CHMC	90	53	130

Commercial Heater Environmental Sensor: CHES

An optional indoor sensor with the following features:

- Compatible with CHMC controller.
- Occupancy sensor.
- Temperature sensor.
- Remote switch connection for On/Off function or Boost.

NEW

CA13-20S EXTRA WIDE AIR CURTAINS

NEW

Extra wide air curtains: CA1309S - CA2018S

- Single or 3 phase on CA1309S.
- 3 phase only on CA1312S, CA15 and CA20 models.
- Suspended or wall mounted.
- Energy efficient brushless motor.
- Supplied with HE8408 remote switch.
- Multiple heaters can be controlled from one switch.
- Optional ACMC (Air Curtain Master Controller) and ACTS (Air Curtain Temperature Sensor) available.
- ACTS must be used in conjunction with ACMC.
- 2 heat settings, 2 fan speeds with remote switch.
- 8 heat settings, 8 fan speeds with optional ACMC.
- Fan only setting for air circulation.
- Automatic safety cut-out for thermal overload protection.
- Compatible with Building Management Systems.
- Finished in white.

Dimensions (mm) & Weight (kg)

Model No.	Rating (kW)	Height	Depth	Width	Weight
CA1309S	9	264	205	1305	18
CA1312S	12	264	205	1305	18
CA1509S	9	264	205	1530	20
CA1512S	12	264	205	1530	20
CA1514S	14	264	205	1530	20
CA1516S	16	264	205	1530	20
CA2015S	15	264	205	1970	25
CA2018S	18	264	205	1970	25

Note: 300mm clearance from ceiling required.

AIR CURTAIN MASTER CONTROLLER (ACMC)

The electronic touchscreen controller provides easy usability and simple installation.

- 8 heat settings, 8 fan speeds.
- Simple installation: No intermediary terminal blocks required, wiring is via plug and play cable and connectors are direct to the controller.
- Electronic controller can control up to 7 air curtains with the same settings.
- Easy-to-use interface and simple to set up.
- 4 different modes:
  Manual: User sets desired fan speed and heat settings.

  Automatic: User sets air curtain's mounting height and the programme will automatically modify the ventilation and heating to provide high separation efficiency and optimum comfort.

  Constant Temperature: Maintains a constant outlet temperature whilst regulating the air curtain velocity to maintain the optimum level of air separation.

  Advanced Control: User sets a temperature range and the programme will automatically adjust heating as a higher target temperature is approached.
- Enhanced security: By setting a four-digit pin code, users can prevent unauthorised access to the controller.

- Displays energy usage of all connected air curtains in the last day, week, month and year.
- Heater status shows temperature and fan speed of connected air curtains.
- 7-day timer.

Dimensions (mm)

Model No.	Height	Depth	Width
ACMC	90	53	130

ACTS (Air Curtain Temperature Sensor)

- ACTS is an external temperature sensor which can be used indoors or outdoors.
- Must be used in conjunction with ACMC.
- Enables the ACMC to optimise the fan and heat output to create an efficient optimal barrier and climate protection.

SUSPENDED OR WALL MOUNTED AIR CURTAINS

When installed effectively, the airstream can prevent heat loss and maintain a comfortable indoor temperature creating a better working condition and overall energy and cost savings.

HE7402RX • HE7426RX
WIRELESS CONTROLLED

HE7402 • HE7420
SINGLE DOOR

HE8320 • HE7426
DOUBLE DOOR

HE8326 • HE7433
TALL DOUBLE DOOR

Wireless controlled air curtains: HE7402RX, HE7420RX, HE8320RX & HE7426RX

- Compatible with CRXSL, SLTI and LC controllers.
- Wall mounting bracket supplied for ease of installation and angular adjustment.
- Suspended, wall or trunking mounted.
- Wireless controlled by a separately purchased advanced single zone controller.
- All controllers can operate multiple RX heaters.
- Fan only setting for air circulation.
- Automatic safety cut-out for thermal overload protection.
- Finished in white.

Dimensions (mm) & Weight (kg):

Model No.	Rating (kW)	Height	Depth	Width	Weight
HE7402RX	3	210	115	634	5.1
HE7420RX	4.5	210	115	634	5.1
HE8320RX	4.5	210	115	1040	8.8
HE7426RX	6	210	115	1040	8.8

Note: 200mm clearance from ceiling required.

Single, double and tall double door air curtains

- Single or 3 phase for HE8326 and HE7433.
- Wall mounting bracket supplied for ease of installation and angular adjustment.
- Suspended, wall or trunking mounted.
- Fan only setting for air circulation.
- Automatic safety cut-out for thermal overload protection.
- Finished in white.

Model No.	Type	Heat Settings	Fan Speeds	Fitted with Integral Switch	Remote Switch
HE7402	Single door	3		●	Optional HE8407
HE7420	Single door	3		●	Optional HE8407
HE8320	Double door	3		●	Optional HE8407
HE7426	Double door	2		●	Optional HE8407
HE8326	Tall double door	2	2		Supplied HE8408
HE7433	Tall double door	2	2		Supplied HE8408

Dimensions (mm) & Weight (kg):

Model No.	Rating (kW)	Height	Depth	Width	Weight
HE7402	3	210	115	634	5.1
HE7420	4.5	210	115	634	5.1
HE8320	4.5	210	115	1040	8.8
HE7426	6	210	115	1040	8.8
HE8326	6	210	115	1040	10.3
HE7433	9	210	115	1040	10.3

Note: 200mm clearance from ceiling required.

RECESSED AIR CURTAINS

RAC0603RX - RAC1306RX
WIRELESS CONTROLLED

RAC0603 - RAC1512

RAC10HL - RAC20HL
LARGE COMMERCIAL AIR CURTAINS

Wireless controlled recessed air curtains: RAC0603RX - RAC1306RX

- Compatible with CRXSL, SLTI and LC controllers.
- Single phase for RAC0603RX, RAC0604RX and RAC1006RX.
- Single or 3 phase for RAC1306RX.
- Will fit a recess as shallow as 210mm (155mm unit depth plus 55mm free air).
- Wireless controlled by separately purchased advanced single zone controller.
- Fan only setting for air circulation.
- Automatic safety cut-out for thermal overload protection.
- Supplied with white grille.

Dimensions (mm) & Weight (kg)

Model No.	Rating (kW)	Depth	Width	Length	Weight
RAC0603RX	3	155	339	634	9.5
RAC0604RX	4.5	155	339	634	9.5
RAC1006RX	6	155	339	985	13.5
RAC1306RX	6	175	339	1350	20.0

Recessed air curtains: RAC0603, RAC0604 & RAC1006

- Single phase models.
- Will fit a recess as shallow as 210mm (155mm unit depth plus 55mm free air).
- Supplied with remote switch HE8407.
- 3 heat settings.
- Fan only setting for air circulation.
- Automatic safety cut-out for thermal overload protection.
- Supplied with white grille.

Recessed air curtains: RAC1306 - RAC1516

- Will fit a recess as shallow as 230mm (175mm unit depth plus 55mm free air).
- Energy efficient brushless motor.
- Supplied with HE8408 remote switch.
- Multiple heaters can be controlled from one switch.
- Optional ACMC (Air Curtain Master Controller) and ACTS (Air Curtain Temperature Sensor) available.
- ACTS must be used in conjunction with ACMC.
- 2 heat settings, 2 fan speeds with remote switch.
- 8 heat settings, 8 fan speeds with optional ACMC.
- Fan only setting for air circulation.
- Automatic safety cut-out for thermal overload protection.
- Compatible with Building Management Systems.
- Finished in white.

Quick feature guide to ACMC (Air Curtain Master Controller)

- 8 heat settings, 8 fan speeds.
- Simple installation.
- Can control up to 7 air curtains with the same settings.
- Easy-to-use interface and simple to set up.
- 4 different modes: Manual, Automatic, Constant Temperature, Advanced Control
- Enhanced security: Pin code prevents unauthorised access to the controller.
- Displays energy usage of all connected air curtains.
- Heater status shows temperature and fan speed of connected air curtains.
- 7-day timer.

Quick feature guide to ACTS (Air Curtain Temperature Sensor)

- ACTS is an external temperature sensor which can be used indoors or outdoors.
- Must be used in conjunction with ACMC.
- Enables the ACMC to optimise the fan and heat output to create an efficient optimal barrier and climate protection.

Dimensions (mm) & Weight (kg)

Model No.	Rating (kW)	Depth	Width	Length	Weight	Single Phase	3 Phase
RAC0603	3	155	339	634	9.5	•	
RAC0604	4.5	155	339	634	9.5	•	
RAC1006	6	155	339	985	13.5	•	
RAC1306	6	175	339	1350	19.5	•	•
RAC1309	9	175	339	1350	19.5	•	•
RAC1312	12	175	339	1350	19.5		•
RAC1509	9	175	339	1550	21.0		•
RAC1512	12	175	339	1550	21.0		•
RAC1514	14	175	339	1550	21.0		•
RAC1516	16	175	339	1550	21.0		•

Large commercial recessed air curtains: RAC10HL, RAC15HL & RAC20HL

- 8 - 12kW, 12 - 18kW or 16 - 24kW rating, selectable at installation.
- Supplied with ACMC controller, ACTS and RJ45 cable.
- 415 volt 3 phase 50Hz.
- Will fit a recess as shallow as 300mm.
- Fan only setting for air circulation.
- Multiple air curtains can be easily interconnected using CAT5/CAT6 RJ45 networking cable to resemble a continuous unit.
- External temperature sensor can be used indoors or outdoors which enables the electronic controller to optimise the fan speed and heat output to create an efficient optimal barrier and climate protection.
- Optional simple mechanical remote switch HE8408 available.
- Electronic overheat and fault protection.
- Visual fault indication.
- Easy maintenance.
- Supplied with hinged white non-vision grille.

Simple installation | **Easy programming** | **8 heat settings** | **8 fan speeds** | **7-day timer** | **BMS compatible**

Quick feature guide to ACMC (Air Curtain Master Controller)

- 8 heat settings, 8 fan speeds.
- Simple installation.
- Can control up to 7 air curtains with the same settings.
- Easy-to-use interface and simple to set up.
- 4 different modes: Manual, Automatic, Constant Temperature, Advanced Control
- Enhanced security: Pin code prevents unauthorised access to the controller.
- Displays energy usage of all connected air curtains.
- Heater status shows temperature and fan speed of connected air curtains.
- 7-day timer.

NEW

Quick feature guide to ACTS (Air Curtain Temperature Sensor)

- ACTS is an external temperature sensor which can be used indoors or outdoors.
- Must be used in conjunction with ACMC.
- Enables the ACMC to optimise the fan and heat output to create an efficient optimal barrier and climate protection.

NEW

Dimensions (mm) & Weight (kg)

Model No.	Min-Max kW	Height	Depth	Width	Weight
RAC10HL	8-12	270	515	1082	34
RAC15HL	12-18	270	515	1592	51
RAC20HL	16-24	270	515	2102	68

Air Curtains Summary

✤ Fitted with integral switches with option for remote switch HE8407
● Supplied with remote switch
▲ Supplied with Electronic Controller and temperature sensor
■ RX models require single zone controllers to operate

Rating (kW)	Model	Control/ Switch	Max Mtg Height(m)	Height (mm)	Depth (mm)	Width (mm)	Weight (kg)	Heat Settings	Fan Speeds	dBA	Single/ 3 Phase
3.0	HE7402	✤	2.3	210	115	634	5.1	3	1	46	Single
3.0	HE7402RX	■	2.3	210	115	634	5.1		1	46	Single
4.5	HE7420	✤	2.3	210	115	634	5.1	3	1	46	Single
4.5	HE7420RX	■	2.3	210	115	634	5.1		1	46	Single
4.5	HE8320	✤	2.3	210	115	1040	8.8	3	1	49	Single
4.5	HE8320RX	■	2.3	210	115	1040	8.8		1	49	Single
6.0	HE7426	✤	2.3	210	115	1040	8.8	2	1	49	Single
6.0	HE7426RX	■	2.3	210	115	1040	8.8		1	49	Single
6.0	HE8326	●	2.8	210	115	1040	10.3	2	2	55	Single/3 Phase
9.0	HE7433	●	2.8	210	115	1040	10.3	2	2	55	Single/3 Phase
9.0	CA1309S	●	3.4	264	205	1305	18.0	2*	2*	60	Single/3 Phase
9.0	CA1509S	●	3.4	264	205	1530	20.0	2*	2*	60	3 Phase
12.0	CA1312S	●	3.4	264	205	1305	18.0	2*	2*	60	3 Phase
12.0	CA1512S	●	3.4	264	205	1530	20.0	2*	2*	60	3 Phase
14.0	CA1514S	●	3.4	264	205	1530	20.0	2*	2*	60	3 Phase
16.0	CA1516S	●	3.4	264	205	1530	20.0	2*	2*	60	3 Phase
15.0	CA2015S	●	3.4	264	205	1970	25.0	2*	2*	60	3 Phase
18.0	CA2018S	●	3.4	264	205	1970	25.0	2*	2*	60	3 Phase

Rating (kW)	Model	Control/ Switch	Max Mtg Height (m)	Depth (mm)	Width (mm)	Length (mm)	Weight (kg)	Heat Settings	Fan Speeds	dBA	Single/ 3 Phase
3.0	RAC0603	●	2.8	155	339	634	9.5	3	1	55	Single
3.0	RAC0603RX	■	2.8	155	339	634	9.5		1	55	Single
4.5	RAC0604	●	2.8	155	339	634	9.5	3	1	55	Single
4.5	RAC0604RX	■	2.8	155	339	634	9.5		1	55	Single
6.0	RAC1006	●	2.8	155	339	985	13.5	3	1	57	Single
6.0	RAC1006RX	■	2.8	155	339	985	13.5		1	57	Single
6.0	RAC1306	●	2.8	175	339	1350	19.5	2*	2*	60	Single/3 Phase
6.0	RAC1306RX	■	2.8	175	339	1350	20.0		1	60	Single/ 3 Phase
9.0	RAC1309	●	3.4	175	339	1350	19.5	2*	2*	60	Single/3 Phase
9.0	RAC1509	●	3.4	175	339	1550	21.0	2*	2*	62	3 Phase
12.0	RAC1312	●	3.4	175	339	1550	19.5	2*	2*	62	3 Phase
12.0	RAC1512	●	3.4	175	339	1550	21.0	2*	2*	62	3 Phase
14.0	RAC1514	●	3.4	175	339	1550	21.0	2*	2*	62	3 Phase
16.0	RAC1516	●	3.4	175	339	1550	21.0	2*	2*	62	3 Phase
8.0-12.0	RAC10HL	▲	4.0	270	515	1082	34.0	8	8	60	3 Phase
12.0-18.0	RAC15HL	▲	4.0	270	515	1592	51.0	8	8	61	3 Phase
16.0-24.0	RAC20HL	▲	4.0	270	515	2102	68.0	8	8	62	3 Phase

* 8 heat settings, 8 fan speeds with optional ACMC.
Note: dBA readings are taken at 3 metres from the heater in a free field environment. For cable sizes, see page 47.

RADIANT HEATERS

CERAMICZONE, TWINZONE & SUNZONE

HE8515SL, HE8530SL CERAMICZONE

HE6351SL, HE6343SL TWINZONE

HE6502SL SUNZONE

Wireless controlled Ceramiczone radiant heaters - HE8515SL & HE8530SL

Ideal for medium to high level spot heating. These long-wave infrared heaters gently radiate energy directly onto the area and personnel to be heated.

- Compatible with advanced single-zone controllers* and SL controllers**.
- Wireless controllers to be purchased separately.
- No distracting light.
- High radiant efficiency.
- Fitted guard included.
- Suitable for wall or ceiling mounting.[1]
- Angular and directional fixing bracket included.
- Supplied with 1m of high temperature cable.
- Finished in dove white.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

Note: [1] - Must be angled down at 45°.

Dimensions (mm) & Weight (kg)

Model No.	Rating (kW)	Height	Depth	Width	Weight	Recommended Wall Mounting Height (m)	No. of Heat Emitters
HE8515SL	1.5	230	120	450	3.5	2.3	1
HE8530SL	3	359	120	450	6.7	2.7	2

Wireless controlled Twinzone radiant heaters - HE6351SL & HE6343SL

The reversible element support system is unique, making Twinzone the only radiant heater that can provide a narrow beam of heat (useful for heating a few people within a large area), or a wide beam of evenly distributed warmth by simple adjustment of the element at time of installation. They can be wall mounted or suspended from a ceiling or trunking.

- Compatible with advanced single-zone controllers* and SL controllers**.
- Wireless controllers to be purchased separately.
- Simple heat beam width adjustment.
- Versatile installation options, adjustable wall brackets supplied.
- Supplied with 1m of high temperature cable.
- Optional guard (HE6352 1.5kW Guard or HE6350 3kW Guard).
- Aluminium finish.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

Dimensions (mm) & Weight (kg)						Mounting Height (m)			
						Horizontally Suspended		Wall Mounted Angled	
Model No.	Rating (kW)	Height	Depth	Width	Weight	min	max	min	max
HE6351SL	1.5	57	162	660	1.0	2.5	3.6	2.3	3.6
HE6343SL	3	57	162	1170	1.8	3.0	4.8	2.3	4.6

Note: 300mm clearance from ceiling required.

Wireless controlled Sunzone radiant heaters - HE6502SL

A metal sheathed element adds to their robust construction and makes them the ideal choice for a variety of installations. Sunzone can be wall, ceiling or trunking mounted and each unit is supplied with a pair of metal brackets which provide angular adjustment for directional radiant heat. It is recommended these units be installed via a Residual Current Circuit Breaker.

- Compatible with advanced single-zone controllers* and SL controllers**.
- Wireless controllers to be purchased separately.
- Highly efficient, corrosion resistant aluminium reflector.
- Directional radiant heat.
- Supplied with 1m of high temperature cable.
- Finished in barley white with chrome guard.

* Advanced single zone controllers: CRXSL, SLTI and LC controllers.
** SL controllers: SLPBWIFI, SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers.

Dimensions (mm) & Weight (kg)						Optimum Mounting Height (m)	
						Wall Mount / Suspended	
Model No.	Rating (kW)	Height	Depth	Width	Weight	min	max
HE6502SL	2	86	56	1310	1.8	2.1	3.0

Note: 100mm clearance from adjacent wall or ceiling required.

RADIANT HEATERS
QUARTZZONE

QZWP45N 4.5kW

QZWP15N 1.5kW

QZWP30N 3kW

HE7915/HE7920 1.5kW/2kW

HE7930 3kW

HE7945 4.5kW

IP55 Waterproof Quartzzone heaters - QZWP15N, QZWP30N & QZWP45N

WATERPROOF QUARTZZONE HEATERS

The QZWP is clean, silent, and odourless and is virtually maintenance free. These heaters are IP55 rated making it totally weatherproof. The running costs are very low working out approximately one-third of the total running costs of gas systems.

Ideal for heating a patio, terrace or an outdoor smoking area.

- Can be wall or over head mounted.
- Weatherproof – IP55 rated.
- Instant heat.
- Ideal for outdoor use.
- Lamp life of 5,000+ hours.
- Wall mounting brackets to allow heat to be directed.
- Optional Softstart Control available - QSC3 or QSC6.
- Fitted with 2.8m of supply cable.
- 1.5kW model includes a parasol bracket.
- Fitted guard included.
- Replaceable lamp.
- Finished in black.

The anodised aluminium reflector ensures the heat is directed to a specific area and the glass-free front ensures maximum thermal efficiency.

These features make the heaters a significantly more environmentally friendly product for heating outdoor areas compared to gas heaters, which are far less efficient as much of the heat dissipates into the atmostphere.

Quartzzone halogen radiant heaters - HE7915, HE7920, HE7930 & HE7945

These heaters utilise the high-energy, short-wave output of quartz halogen lamps to provide instant, cost-effective heat in large areas where it is not practical or economical to raise the overall temperature. Short-wave high-intensity radiant heat, like sunlight, provides warmth you can feel the moment the heaters are switched on. This minimises pre-heating time and running costs.

Quartzzone heaters feature highly efficient, long-lasting anodised aluminium reflectors that direct a focused beam of heat on to a specific area.

- Instant heat.
- Ideal for high level use.
- Fitted guard included.
- Suitable for wall and ceiling mounting.
- Angular and directional fixing bracket included.
- Optional Softstart Control available - QSC3 or QSC6.
- Gold lamps are available on request.
- An optional humidity resistant lamp is available for use in damp buildings.
- 4.5kW model is suitable for single or three phase supply.
- Finished in dove white.

SOFTSTART CONTROLS

QSC3

QSC6

Softstart controls - QSC3 & QSC6

The QSC3 and QSC6 are specifically designed to control the operation of up to 3kW and 6kW of quartz heating respectively. These controls provide a soft start when initially switching the quartz heaters on, thereby removing the surge of electricity normally associated with this type of heater. This will prolong the life span of the quartz lamps.

The softstart controls also incorporate a receiver function which provides users with the option to control a quartz heater with a wireless SL time control.

- Can control up to 3kW or 6kW of quartz heating load.
- Eliminates power on surge.
- Prolongs quartz lamp life.
- Can operate multiple quartz heaters (up to 3kW with QSC3 OR 6kW with QSC6).
- Weatherproof for outdoor use - IP65 rated.
- Easy to install.

Choice of wireless controllers for use in conjunction with softstart controls with receiver function enabled:

SLPB - Run-back timer and thermostat

Allows heaters to operate only when the controller is activated. In Timer mode, the controller acts as a 4-stage run-back timer where heating period will be active until the run-back timer expires.

SLPBWP - Waterproof run-back timer and thermostat

The SLPBWP is IP65 rated making it ideal for outdoors, bathrooms and other wet areas. In Timer mode, the controller acts as a run-back timer where heating period will be active until the run-back timer expires.

SLPIR - Motion activated run-back timer

Full heating period is activated when the controller detects a movement from up to 5 metres. If no movement is detected by a predetermined time the heater is either switched off or the temperature can be held at a lower background level.

Additional benefits when used in conjunction with optional SL controller:

- Saving energy by ensuring that the heaters are only on when you need them to be.
- Reduces installation wiring costs by eliminating the need for an extra cable connecting to a remote switch.

Dimensions (mm) & Weight (kg)

Model No.	Rating (kW)	Height	Depth	Width	Weight	No. of lamps	Recommended Wall Mounted Height (m)
QZWP15N	1.5	120	125	480	1.7	1	2.3
QZWP30N	3	120	125	960	3.2	2	2.3
QZWP45N	4.5	120	125	1440	5.9	3	2.3

							Recommended Mounting Height (m)	
Model No.	Rating (kW)	Height	Depth	Width	Weight	No. of lamps	Wall mounted	Ceiling mounted
HE7915	1.5	230	120	450	3.1	1	2.5	3.0
HE7920	2.0	230	120	450	3.1	1	2.7	3.2
HE7930	3.0	435	120	450	5.9	2	3.0	3.6
HE7945	4.5	650	120	450	7.6	3	3.3	4.1

Model No.	Loading capacity	Height	Depth	Width
QSC3	3kW	82	57	80
QSC6	6kW	90	61	158

RADIANT HEATERS
FROSTFIGHTERS

Frostfighter utility radiant heaters - UHA05 & UHA10S

Splash proof, tough and very economical, the frostfighters are designed specifically for use in locations such as lofts, boats, garages, caravans, toilets and cellars.

All models incorporate variable thermostatic control with frost protection setting, which can be set to operate when the ambient temperature falls below 5°C. They can either be used as a portable unit or permanently mounted in either vertical or horizontal position. Additionally the UHA10S has an independent fan to boost air circulation.

- With integral thermostatic control.
- Splash proof to IP24.
- Variable thermostat with frost protection setting.
- Robust construction.
- Automatic safety cut-out.
- Power-on neon indicator.
- Fan only setting for air circulation on UHA10S.
- Fitted cable.
- Finished in barley white.

Dimensions (mm) and weight (kg)

Model No.	Rating (kW)	Height	Depth	Width	Weight	With fan
UHA05	0.45	345	150	225	2.5	
UHA10S	1	345	150	225	2.9	✓

110 VOLT PORTABLE FAN HEATERS

PFH15T

1.5kW/110V Fanfair portable fan heater - PFH15T

Traditionally styled model with a robust steel body for durable good looks. It offers efficient and thermostatically controlled spot heating with directed airflow and a host of features.

- 1.5kW rating at 110 volt.
- Fitted with integral switches.
- Fully variable thermostat with frost protection setting.
- Half heat switching.
- Automatic safety cut-out.
- Power-on indicator.
- Fan only setting for air circulation.
- Fitted cable.
- Finished in white.

Dimensions (mm) and weight (kg)

Model No.	Rating (kW)	Voltage	Height	Depth	Width	Weight
PFH15T	1.5	110	110	190	300	2.1

SANITARY INCINERATOR

SANITARY INCINERATOR

Sanfire sanitary incinerator - HE6820

Sanfire sanitary incinerators provide clean, hygienic and safe disposal of sanitary towels and small medical dressings. Adequate for up to 40 users and can be connected to a single or common flue system.

Opening the charging door automatically switches on the heating element for a pre-set incineration time. Ash residue is simply removed from the lockable drawer. To aid installation an optional flue adaptor, HE6768, and a 600mm flue, HE6767, are available.

- Safe, clean and hygienic.
- Automatic operation.
- Heavy-duty steel case.
- Stainless steel incineration chamber.
- Special sheathed wire element.
- Power-on neon indicator.
- Easy to install.
- Ideal for disposal of sanitary towels and small medical dressings.
- Finished in white.

Model No.	Description
HE6768	Flue adaptor
HE6767	600mm flue

Dimensions (mm) and weight (kg)

Model No.	Rating	Height	Depth	Width	Weight
HE6820	550W	397	173	203	6.6

SL WIRELESS CONTROLLERS

SLPBWIFI & RUN-BACK TIME CONTROL & THERMOSTAT

SLPBWIFI

With WiFi capability - SLPBWIFI

The SLPBWIFI wireless controller has WiFi capability which when being used, connects SL Consort heaters to the Consort Connect app so that they can be remotely controlled. The Connect app provides complete heating control remotely, with programming and energy saving features, including the ability to view energy consumption statistics in the last day, week, month and year.

- Can operate multiple SL heaters.
- 1 operating mode with basic on/off function when being used without Wi-Fi.
- Only works with 2.4GHz WiFi network.
- With in-built occupancy sensor.
- Easy operation.
- Powered by 230 - 240V AC.
- Fits onto most types of standard single gang boxes.

Dimensions (mm)

Model No.	Height	Depth	Width
SLPBWIFI	86	26	85

Features and functions when being used with WiFi:

- 4 operating modes: Manual, Frost protection, Boost & Automatic timer.
- 15-minutes Boost feature providing maximum comfort quickly.
- 4 light indicators located around the button and blue indicator in the bottom corner showing status of the controller.
- 7-day timer with 24 heating periods per day.
- Self-learning control ability utilising occupancy and temperature sensors.
- Ability to view energy consumption statistics.
- Open window tracking and response capability.
- Create scenes and time/location based automations.
- Comfort heat setting between 4°C to 35°C.
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature 4°C to 15°C.
- Lock function with 4-digit pin code to prevent accidental or purposeful changes to settings.

SLPB

SLVT

SLVTB

SLPBWP

SLPIR

Run-back time controllers & thermostat - SLPB, SLVT, SLVTB, SLPIR & SLPBWP

The SLPB, SLVT, SLVTB, SLPIR and SLPBWP controllers are easy to install and set up. They have a run-back timer function which allows a heating cycle to be operational only when the controller is activated. Heating period will stay active until the run-back timer expires. Operating modes are set prior to the controller's installation. All controllers have easy-to-use control buttons except for the SLPIR.

FEATURES	SLPB	SLVT	SLVTB	SLPIR	SLPBWP
	Run-back timer and thermostat	Run-back timer and adjustable thermostat	Battery-powered run-back timer and adjustable thermostat	Motion activated run-back timer	Waterproof run-back timer and thermostat
Compatible & operate multiple SL heaters	✓	✓	✓	✓	✓
Mains or battery-powered	Mains	Mains	Battery	Mains	Mains
Choice of time periods (mins)	5, 15 or 30	5, 15 or 30	5, 15 or 30	5, 15, 30 or 60	
Full heating period (mins)	20, 60 or 120	20, 60 or 120	20, 60 or 120	20, 60, 120 or 240	15, 30 or 60
Adjustable thermostat		✓	✓		
Operating modes	3	2	2		3
Comfort heat setting	15°C to 35°C	15°C to 35°C	15°C to 35°C	15°C to 35°C	15°C to 35°C
Frost protection	✓	✓	✓	✓	✓
Maintain minimum room temperature	0°C to 15°C	0°C to 15°C	0°C to 15°C	0°C to 15°C	0°C to 15°C
Fits onto most types of standard single gang boxes	✓	✓	✓	✓	
Height x Depth x Width (mm)	86 x 26 x 85	86 x 26 x 85	86 x 26 x 85	86 x 26 x 85	81 x 57 x 83

Run-back timer & thermostat - SLPB

- Temperature Control mode can be used in conjunction with the Timer mode.
- 4 status indicator lights.
- External input available to connect to any voltage free contact such as timers or BMS.
- Can be powered by either mains 240V or 12VDC which allows SELV (Separated Extra Low Voltage) installation.*

* Power adapter not supplied

Run-back timer & adjustable thermostat - SLVT

In addition to the run-back timer function, the SLVT offers temperature control and an easy-to-read digital screen that displays the room temperature.

- Display screen shows actual room temperature, except briefly when either of the two temperature control buttons are pressed, the new target room temperature is then temporarily displayed.
- Can set display for either Celsius or Fahrenheit.
- Can set maximum comfort temperature.
- Variable comfort control for user to adjust the temperature below the maximum comfort temperature.
- 4 status indicator lights.
- External input available to connect to any voltage free contact such as timers or BMS.
- Can be powered by either mains 240V or 12VDC which allows SELV (Separated Extra Low Voltage) installation.*

* Power adapter not supplied

Battery-powered run-back timer & adjustable thermostat - SLVTB

Provides similar functions and benefits as the SLVT controller except SLVTB is battery-powered. Status indicators are shown on the screen. Supplied with single gang box and 2 'AAA' 1.5V batteries.

- Powered by 2 'AAA' 1.5V batteries.
- Display screen shows actual room temperature, except briefly when either of the two temperature control buttons are pressed, the new target room temperature is then temporarily displayed.
- In Temperature and Timer mode, pressing the main button will briefly display the time remaining. Pressing it again adds on the pre-set time segment to the run-back timer.
- Can set display for either Celsius or Fahrenheit.
- Can set maximum comfort temperature.
- Variable comfort control for user to adjust the temperature below the maximum comfort temperature.

Motion activated run-back timer - SLPIR

The SLPIR provides convenience for its users as heating remains active as long as users move within the motion sensor range. When a movement is detected, all the indicator segments will light up and heating is activated for a set period of time. If no movement is detected by a predetermined time, the heater is either switched off or the temperature can be held at a lower background level.

- Can control multiple SL heaters or SL receivers within the RF signal range.
- Motion sensor range of up to 5 metres.
- Detection area: 60 degrees vertical, 120 degrees horizontal
- 4 segment light indicator which counts down the time.
- External input available to connect to any voltage free contact such as timers or BMS.
- Can be powered by either mains 240V or 12VDC which allows SELV (Separated Extra Low Voltage) installation.*

* Power adapter not supplied

Waterproof run-back timer & thermostat - SLPBWP

- IP65 rated.
- 1 light indicator around the button to show the status of the controller.
- External input available to connect to any voltage free contact such as timers or BMS.
- Can be powered by either mains 240V or 12VDC which allows SELV (Separated Extra Low Voltage) installation.*

* Power adapter not supplied

ADVANCED WIRELESS CONTROLLERS

SINGLE ZONE, MULTIZONE & LANDORD CONTROL

1. SINGLE ZONE CONTROL

CRXSL	SLTI	LC

The CRXSL, SLTI and LC controllers are single zone wireless controllers which can control one or more heaters in an area or room at the same time. They are simple to install and easy to operate. With the CRXSL, users have a choice of wall-mounting the modern design controller or to use the supplied table top stand to place it anywhere in a room or area. The SLTI and LC are wall-mounted only, however, the SLTI is designed to fit onto most single gang box which may fit better in some wiring installations.

FEATURES	CRXSL	SLTI	LC*
Compatible with RX heaters	✓	✓	✓
Compatible with SL heaters	✓	✓	✓
Mains-powered	✓	✓	✓
Battery-powered	✓	Battery backup only	✓
Operating modes	5	4	3
Comfort and setback temperature settings	✓	✓	✓
Open window detection	✓	✓	✓
Copy day function	✓	✓	
Electronic child lock	✓	✓	
Wall-mounted	✓	✓	✓
Table top stand	✓		
Fits onto most standard single gang box		✓	
Height x Depth x Width (mm)	89 x 23 x 136	86 x 26 x 85	89 x 23 x 136

*The LC controller can only be used in conjunction with the MLC master landlord controller which provides the programming and energy saving features. The MLC controller's features can be found on page 43.

Energy saving features for advanced controllers	CRXSL	SLTI	LC
6 temperature programmes per day	✓	✓	✓
7-day heating programmes per week	✓	✓	✓
Fan only mode for RX fan heaters	✓		
Maintains temperature within 0.5˚C	✓		✓
Set temperature in 0.5 degrees increments	✓		✓

CRXSL

- 15-minutes Boost feature providing maximum comfort quickly with temperature control.
- Large backlit LCD display for easy reading.
- Option to limit min/max temperature.
- Temperature display of either Celsius or Fahrenheit.
- Supplied with a security wall bracket and table top stand.

SLTI

- Comfort heat setting between 15°C to 35°C.
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 4°C to 15°C.
- Can set temperatures in degrees Celsius or Fahrenheit.
- 4 large control buttons with audible and tactile feedback.
- Battery backup to retain time in event of power cut.
- Easy-to-read digital display.
- Can be powered by either mains 240V or 12VDC which allows SELV (Separated Extra Low Voltage) installation.*

* Power adapter not supplied

LC

Room occupants can temporarily adjust the room temperature on the LC for a predetermined length of time before the LC reverts to the programmed temperature. The LC controller can only be used in conjunction with the MLC master landlord controller which provides the programming and energy saving features.

- Allows user to temporarily increase or decrease the room temperature.
- Can control multiple heaters in a room.
- Large backlit LCD display for easy reading.
- Can be used as signal repeaters to extend the range.
- An LC set as a repeater must be mains powered.

2. MULTIZONE CONTROL

MRX1

Central control with MRX1

The MRX1 controller can control up to 8 heating zones. Compatible with CRXSL and SLTI controllers, and electronic 7-day timer heaters with an RF receiver.

Individual or group zone programming

A 7-day programme featuring 6 time periods a day which can be set separately for each zone or duplicated across other zones, if required, saving time. Temperature adjustments for all zones can also be done simultaneously.

Great energy and cost saving

With extensive heat control options and energy saving features, the MRX1 controller provides great energy and cost saving making it ideal for home or commercial property owners.

MRX1 controller controls up to 8 electronic 7-day timer heaters with RF receiver, CRXSL or SLTI controllers.

Multizone controller - MRX1

- Mains powered.
- Group Control feature allows setting a preferred operating mode and temperature in all heating zones simultaneously.
- Compatible with CRXSL and SLTI controllers, and electronic 7-day timer heaters with an RF receiver.
- 4 different operating modes: Boost, Manual, Setback (Economy) & Program.
- 15-minutes Boost feature providing maximum comfort quickly with temperature control.
- Touchscreen control.
- Option to limit min/max temperature.
- Individual zone programme can be changed from MRX1, CRXSL, SLTI or electronic 7-day timer heaters with an RF receiver.
- Temperature display of either degrees Celsius or Fahrenheit.

Dimensions (mm)

Model No.	Height	Depth	Width
MRX1	90	53	130

Energy saving features for advanced controllers	MRX1
6 temperature programmes per day	✓
7-day heating programmes per week	✓
Fan only mode for RX fan heaters	
Maintains temperature within 0.5˚C	✓
Set temperature in 0.5 degrees increments	✓

Electronic 7-day timer heaters with RF receiver

These heaters are made to order. Each heater has the same features and functions as our Electronic 7-day timer heaters. Each heater has an RF receiver which communicates with the central control unit, MRX1 Multizone wireless controller*, and each MRX1 can control up to 8 heaters. The range includes:

- PLE-RF panel heaters
- LSTE-RF low surface temperature panel heaters
- CN2MLSTiERF low surface temperature fan heater with intelligent fan control
- PLSTiE-RF Slimline low surface temperature panel fan heaters with intelligent fan control
- WMH3ERF Chelsea 3kW Wall mounted fan heaters
- HE6137ERF Flowzone 3kW Wall mounted fan heaters

* Requires a separately purchased wireless controller.

MLC

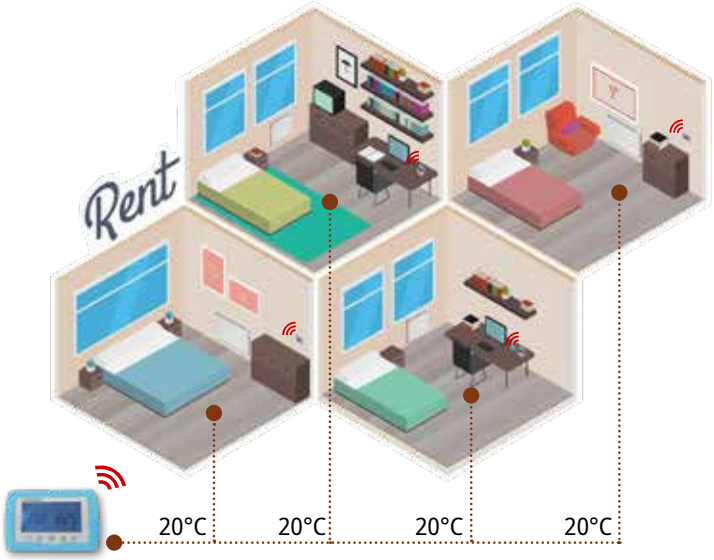
3. LANDLORD CONTROL

Simplicity
The MLC is simple to set up and easy to programme.

Total control
The MLC sets the same 7-day programme and time for all LC controllers.

Flexibility
Room occupants can temporarily adjust the room temperature via the LC for a predetermined length of time before the LC reverts to the programmed temperature.

Savings
Provides landlords with greater control over their heating system and costs through MLC energy saving features.



MLC controller controls temperature of all heaters in a building via LC controllers.

MLC - Master landlord controller

The Landlord Control heating system is ideal for student accommodations, hotels, B&Bs, hostels or anywhere where a central control unit is required to control the temperature of all heaters in a building or rooms.

- Mains powered.
- Controls an unlimited* number of LC controllers.
- Sets the same 7-day programme and time for all LC controllers.
- 2 operating modes:
  - 7-day programme - When temperature on LC controller is adjusted, the new temperature is maintained until the next programme overrides it.
  - Constant temperature - When temperature on LC controller is adjusted, the new temperature is maintained for landlord set period of up to 4 hours. It then reverts to the fixed temperature.
- Large backlit LCD display for easy reading.
- Stylish and sleek modern design.
- Option to limit min/max temperature.
- Temperature display of either degrees Celsius or Fahrenheit.

*Only limited by building construction.

Energy saving features for advanced controllers	MLC
6 temperature programmes per day	✓
7-day heating programmes per week	✓
Fan only mode for RX fan heaters	
Maintains temperature within 0.5˚C	✓
Set temperature in 0.5 degrees increments	✓

Dimensions (mm)

Model No.	Height	Depth	Width
MLC	89	23	136

RECEIVER UNITS & RANGE EXTENDER

RXREC & SLEXT

RXREC	SLEXT

Receiver unit (wireless conversion unit) - RXREC

Our RXREC receiver unit enables certain air curtains controlled by a remote switch to be wirelessly controlled by a CRXSL controller. With RXREC installed, a CRXSL controller replaces the existing remote switch, expanding the heating control options to include temperature and time control.

In Time/Manual mode, the controller allows the fan and heat settings to be adjusted manually, including the time schedule. Additionally, in this mode, the controller takes advantage of the RXREC long range performance to allow heaters to be controlled from a different room.

- Can be retrofitted to existing compatible Claudgen products (see RXREC matching products list).
- Each heater must be connected to an RXREC for it to be controlled by a CRXSL.
- Requires a separately purchased CRXSL controller.
- Multiple heaters can be controlled by a CRXSL.
- Long range performance dependent on building construction.

RXREC matching products list:

Model No.	Description	kW
HE8326	Tall double door air curtain	6

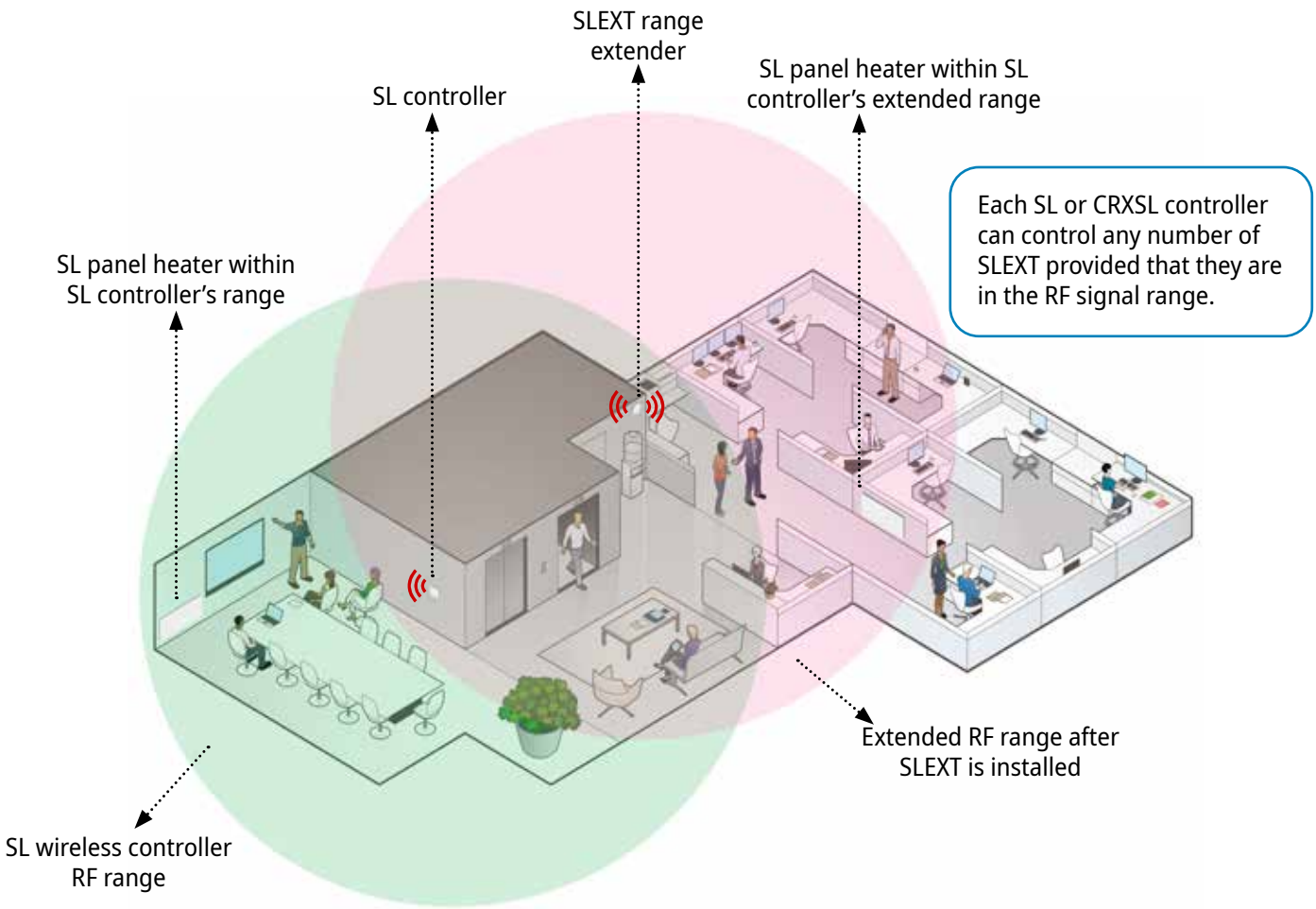
Model No.	Description	kW
HE7433	Tall double door air curtain	9

Receiver unit (wireless conversion unit) & range extender - SLEXT

As a receiver unit, the SLEXT enables certain heaters to be wirelessly controlled by a CRXSL or SL controller. With SLEXT installed, a CRXSL or SL controller expands the heating control options to include temperature and time control.

As a range extender, the SLEXT extends the RF signal range SL heaters that are not close enough to receive wireless transmission. It is surface mountable and easy to install.

- Mains powered.
- Can control a load up to 3kW.
- Maximum switching current 13A/250V.
- Can be retrofitted.
- Each heater must be connected to an SLEXT for it to be controlled by a CRXSL or SL controller.
- Multiple heaters can be controlled by a separately purchased CRXSL or SL controller.
- Can double the range of all SL or CRXSL controllers.
- Simple pairing to controller and heaters.



Note: The illustration above is to show the function of an SLEXT range extender only. The location of the SL controller, range extender and heaters is not intended as a recommended placement.

Poor wireless transmission are caused by barriers such as walls or metal objects; or where a controller is mounted close to power cables, motors or equipment producing a strong electromagnetic field. With the SLEXT, the RF signal is repeated, thus extending the reach to heaters in an area or building.

Dimensions (mm)

Model No.	Height	Depth	Width
RXREC	90	61	158
SLEXT	82	57	80

INSTALLATION PLANNING

Consort Claudgen have many years experience of supplying complete heating packages for all types of industrial, commercial, retail and amenity applications.

We are always happy to provide technical information to help in planning individual heating schemes. If you require additional information please contact our Free Advisory Service. The following information is provided to help in planning the most efficient heating for each installation. However, since requirements can be affected significantly by factors such as activity levels, ambient conditions, building structure, efficiency and weather-proofing, the information should be regarded as a general guide.

Which heater?

This will depend on the nature, use and design of the interior; and one type or a mixture of products may be used. In general, fan-forced heaters and convectors are employed as space heaters, and radiants where more localised heat or immediate all-over warmth is required.

Radiant heating

Twinzone, Sunzone, Ceramiczone and Quartzzone heaters are specified where there is a need for localised heat or immediate, all-over warmth. Applications include commercial and industrial premises that are lightly constructed, naturally cold and perhaps infrequently used. They are also ideal for premises where staff occupy only small parts of a large area, such as warehouses, stores and workshops. To estimate the approximate total heating load needed in kilowatts (kW), use the following formula;

Installed Load (kW) = (AxF) / 1000

where: A = floor area in square metres and F = appropriate heating factor from the following table;

Type of Building	Heating Factor F (Watts/sq.m)
Sports Hall	110-130
Shops and Supermarkets	130-160
Offices and Canteens	140-170
Workshops and Garages	150-180
Halls with some activity	160-200
Warehouses	170-210
Halls with little activity	180-220
School Halls	200-260
Churches	220-280

The lower figures relate to a well insulated building with few draughts, the higher figures being more appropriate for older buildings with insulation below modern standards. This table takes account of the different heating requirements of these premises for example, a church is assumed to need rapid heating from cold, for sedentary and perhaps elderly occupants, and as such has a higher recommendation than a sports hall.

Siting

For optimum absorption of radiant heat by occupants, heaters should be positioned so that heat reaches them at an angle of 45 degrees and schemes should be planned if possible so that the area to be heated is effectively covered by heaters which are all mounted at or close to this angle.

Noise level

Throughout our catalogue we have referred to the dBA Level of various fan heaters. The dBA level was recorded three metres from the product. To aid you in determining how quiet our products are, we have listed below some comparative noise levels:

* 30dB Whisper
* 50dB Rainfall
* 60dB Normal Conversation

Cable requirements to remote switch

				Mains supply	
Model No.	Output (kW)	No of wires	Wire size (mm^2)	Single phase	Three phase
Screen Zone					
HE7402	3.0	4+earth	1.5	●	
HE7420	4.5	4+earth	2.5	●	
HE7426	6.0	4+earth	4.0	●	
HE7433	9.0	5+earth	0.5	●	●
HE8320	4.5	5+earth	0.5	●	
HE8326	6.0	5+earth	0.5	●	●
CA1309S	9.0	5+earth	0.5	●	●
CA1312S	12.0	5+earth	0.5		●
CA1509S	9.0	5+earth	0.5		●
CA1512S	12.0	5+earth	0.5		●
CA1514S	14.0	5+earth	0.5		●
CA1516S	16.0	5+earth	0.5		●
CA2015S	15.0	5+earth	0.5		●
CA2018S	18.0	5+earth	0.5		●
RAC10HL	8.0 - 12.0	RJ45			●
RAC15HL	12.0 - 18.0	RJ45			●
RAC20HL	16.0 - 24.0	RJ45			●
RAC0603	3.0	4+earth	1.5	●	
RAC0604	4.5	4+earth	2.5	●	
RAC1006	6.0	4+earth	4.0	●	
RAC1306	6.0	5+earth	0.5	●	●
RAC1309	9.0	5+earth	0.5	●	●
RAC1312	12.0	5+earth	0.5		●
RAC1509	9.0	5+earth	0.5		●
RAC1512	12.0	5+earth	0.5		●
RAC1514	14.0	5+earth	0.5		●
RAC1516	16.0	5+earth	0.5		●

The above wire sizes are for guidance only and may vary with the length of the cable run.
IET wiring regulations must be used to check correct cable size.

* It is essential that the electronic controller supplied with these products is wired with good quality screened cable 1.0mm^2 max.

DELIVERING EXCELLENCE THROUGH INNOVATION

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Consort is an independent British manufacturer and has been based in Milford Haven, Pembrokeshire, Wales since 1966. In addition to electric heaters, Consort also produce a wide range of crossflow fans for use by other manufacturers around the world in a variety of products. Our extensive modern sheet metal facility also allows us to offer subcontract manufacturing to a number of companies.

Product Specifications
Reasonable care has been taken to ensure the description, specification and product finishes are as accurate as possible at the time of printing. In the interest of progress the Company reserve the right to vary specifications from time to time without notice.

Installation Guidance
This brochure is not intended as an installation guide. Electrical installation should be carried out by a competent installer, preferably registered with NICEIC (National Inspection Council for Electrical Installation Contracting) in accordance with the latest edition of the IEE Wiring Regulations, (BS.7671), and any relevant Local Authority Bye-Laws. If you require further advice concerning the installation of our products – especially where the installed dimensions may be critical to your choice and the location of the product – please consult your installer. Please note that the dimensions contained within this brochure do not in all cases include clearances required around installed products for safe operation.

Compliance
Consort Claudgen's heaters have been designed and manufactured to the highest international standards, however, care must be taken for optimal results and safety. The heaters also meet the requirements of UK and EU Directives.

Safety & Care
Consort heaters are not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the heaters.

The Consort Clauden Range
Consort Claudgen offers a wide range of electric heating solutions. Our website provides useful information including:

- Installation and heating control guide for current products
- Data sheets for current products
- Downloads for latest brochures and trade price list
- Frequently asked questions
- Heating design guides and heating scheme form
- Product selector
- Latest news

Discontinued Products
The installation/operating guides for our discontinued products are available upon request. You can contact us at 01646 692172 or email: technical@consortepl.com.

For more information or copies of the Heat brochure, please:
visit: www.consortepl.com, email: sales@consortepl.com or call: 01646 692172

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