



 **CONSORT
CLAUDGEN**
heat

ELECTRIC HEATING SOLUTIONS

FOR DOMESTIC, COMMERCIAL AND INDUSTRIAL ENVIRONMENTS



DESIGNED
AND MADE
IN THE UK



2020



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.

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.

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.

We have introduced two new wireless controllers in the run-back time control and thermostat range. The SLPIR is a motion activated run-back timer which will activate heating for a set period of time only when a movement is detected in a room or area, making it ideal for places such as student accommodation, hotels and offices. The SLPBWP is a waterproof run-back timer and thermostat, suitable for outdoors, bathrooms and other wet areas.

Discover our advanced single zone wireless controllers. The CRXSL, SLTI and LC controllers are compatible with all RX and SL heaters, and offer a great deal of functionality to help reduce energy consumption and increase savings.

We have also added new heaters in our electronic 7-day timer heater range; a 2kW fan heater modelled with a mesh grille and intelligent fan control and heaters fitted with an RF receiver which allows connectivity to Consort's multizone heating system.

In addition to the exciting changes above, we have enhanced several of our heaters with a safety monitoring feature which will help prevent overheating and identify types of failure.

Last but not least, we have incorporated a receiver function in our new QSC softstart controls for quartz heating. This provides users with the option to control a quartz heater with a wireless SL time control.

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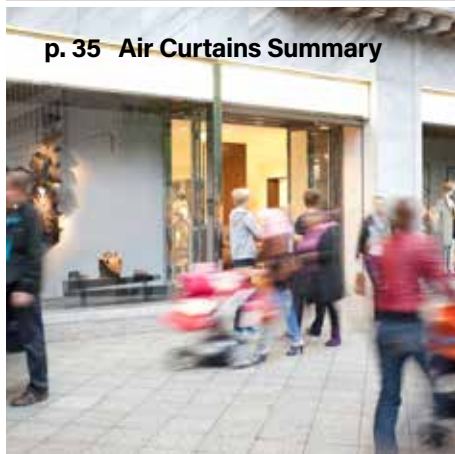
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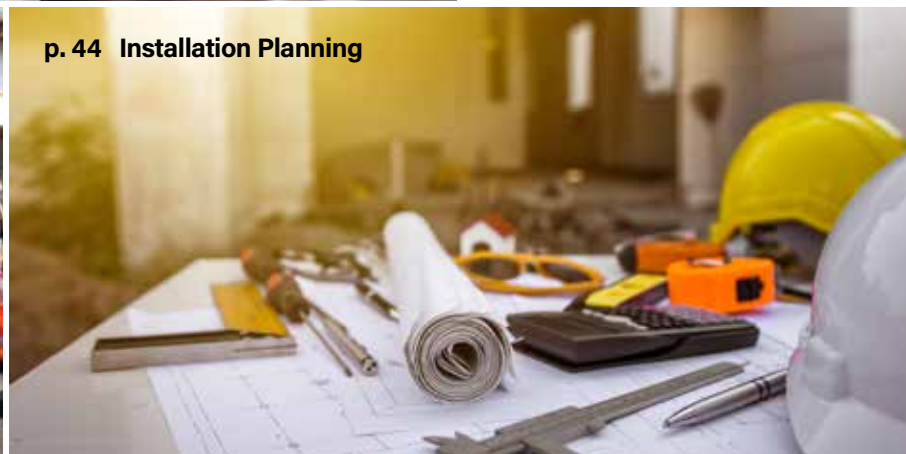
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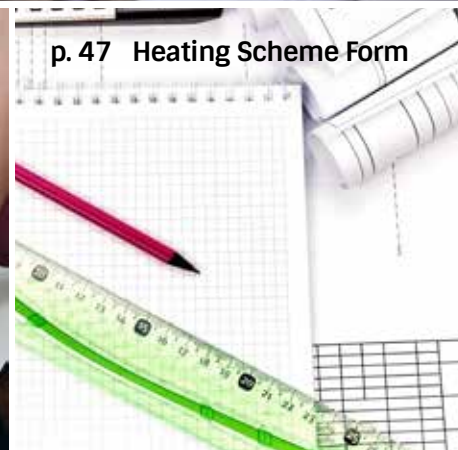
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Look out for these icons:

-  New products
-  Wireless controlled heaters
-  Low Surface Temperature (LST) heaters
-  Heaters with Intelligent Fan Control

Heating Control Solutions

As we are constantly innovating, we have expanded our range with new products and feature upgrades to meet the demands of better heating control. We believe that with the right heating controls, a comfortable living or working environment can be created without wasting energy and costs. Explore our heating control solutions.



01

Electronic 7-day timer heaters

A popular choice for those who demand stylish yet efficient heaters with a programmable 7-day timer and thermostat. Additionally, a new range of electronic 7-day timer heaters with an RF receiver is now available offering 'zoning' of your heating system.

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02

Run-back time control & thermostat

Our run-back time control heating system is a simple yet effective heating solution. Building owners or operators have a variety of heating control options through five different wireless controllers connected to one or multiple SL heaters.

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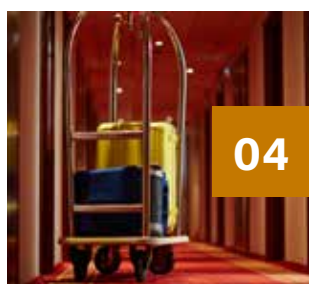


03

Advanced single zone control

Take control of your heating with our advanced single zone controllers! The CRXSL, SLTI and LC controllers are compatible with all RX and SL heater models and offer better energy saving features including an optional open window detection.

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04

Multizone & landlord control

Achieve greater control and comfort with multizoning your heating system. The MRX1 multizone controller extends its compatibility to include the SLTI controller and electronic 7-day timer heaters with an RF receiver. The MLC landlord controller can now control both RX and SL heaters through the LC controllers.

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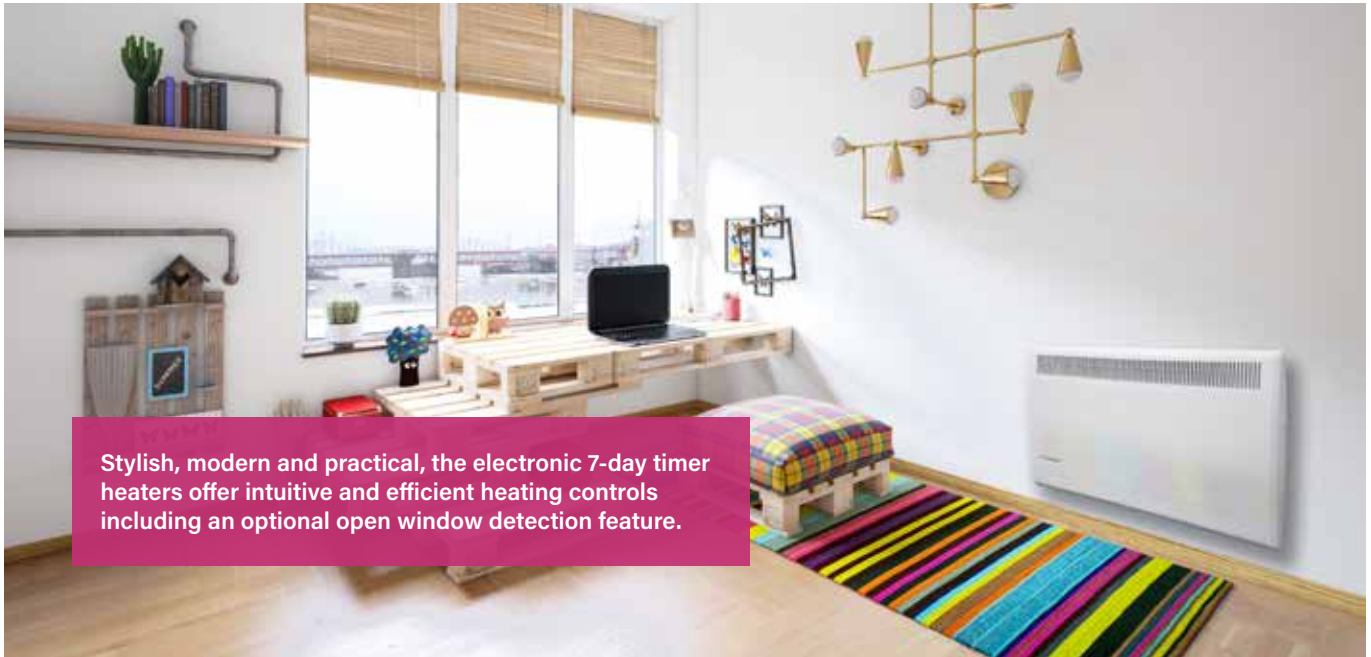
05

Receiver units & range extenders

Introducing our receiver units that enable certain heaters to be wirelessly controlled by either a CRXSL or an SL controller which expands the heating control options to include temperature and time control. The SLEXT extender unit is designed to extend the RF signal range of an SL or CRXSL controller to reach heaters that are not close enough to receive wireless transmission.

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01 Electronic 7-day timer heaters



Stylish, modern and practical, the electronic 7-day timer heaters offer intuitive and efficient heating controls including an optional open window detection feature.

Ensuring you don't waste energy on heating the outside world, the electronic 7-day timer heater is equipped with optional open/closed window detection feature.

The electronic 7-day timer heater range is suitable for many applications such as hotels, offices, bedrooms, kitchens, bathrooms, laundries and conservatories.

It includes low surface temperature (LST) heaters which are designed with a maximum surface temperature of 43°C, complying with NHS Estates Health Guidance Notes to minimise the risk of burn injuries. These heaters are suitable for environments with vulnerable people such as children and elderly residents; therefore ideal for schools, nurseries, retirement homes, hospitals and anywhere where safety is paramount.

All heaters have an optional open/close window detection feature which reacts intelligently to a sudden temperature change in the area or room. When a window or door is opened, the heater recognises the sudden temperature drop and turns the heating off to save energy. When the window or door is closed, the heater automatically detects a temperature rise and switches itself on and resumes normal operation.

NEW

Safety monitoring feature: 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. The safety monitoring will identify overheating, fan failure and certain electronic faults.

Quick feature guide on our electronic 7-day timer heaters



Programmable 7-day timer and thermostat

Offers a programmable 7-day timer with 6 heating periods per day. Each heating period can be set with different temperature setting.



Open window detection feature

Once enabled in the setup menu, the open window detection is fully automatic and does not require any human intervention to be activated. The detection time and settings are fully adjustable in the setup menu.



Copy day function

A copy day function can be used to duplicate the same set of programmes throughout the week.



Electronic lock

The digital control panel is designed with an electronic lock to prevent tampering with controls.



4 operating modes

Programme, Boost, Setback and Manual modes



PLE Panel Heaters

With electronic 7-day timer



- 0.5kW, 0.75kW, 1kW, 1.25kW, 1.5kW or 2kW rating
- 7-day timer with electronic thermostat
- 6 heating periods per day
- Very quiet operation
- Open window detection
- Copy day function
- Concealed 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
- Easy operation
- 4 large control buttons with tactile feedback
- Electronic child lock
- Optional control panel locking kit (PLK1)
- 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 1.8m of supply cable
- Finished in white or stainless steel

Dimensions (mm) & Weight (kg):

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

Note: (SS) denotes Stainless Steel model.

LSTE LST Panel Heaters

With electronic 7-day timer



Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
LST500E	0.5	430	93	832	6.3
LST800E	0.8	430	93	1195	8.7

- 0.5kW or 0.8kW rating
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes
- 7-day timer with electronic thermostat
- 6 heating periods per day
- Very quiet operation
- Open window detection
- Copy day function
- Concealed 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
- Easy operation
- 4 large control buttons with tactile feedback
- Electronic lock
- Optional control panel locking kit (PLK1)
- 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 1.8m of supply cable
- Finished in white

CN2MLSTiE Fan Heaters

With electronic 7-day timer & intelligent fan control



Dimensions (mm) & Weight (kg):

Model No.	Height	Depth	Width	Weight
CN2MLSTiE	360	143	750	8.0

Model No.	kW	dBA
CN2MLSTiE	2	40

Ideal for nurseries, hospitals and retirement homes, these low surface temperature, quiet fan heaters provide both a high level of safety and controllability.

- 2kW rating
- 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
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes
- 7-day timer with electronic thermostat
- 6 heating periods per day
- Quiet operation
- Safety monitoring feature (refer to page 5 for details) **NEW**
- 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
- Easy operation
- 4 large control buttons with tactile feedback
- Electronic child lock
- Mesh grille to prevent objects being dropped into the heater
- LED light indicator
- Finished in white



Our low surface temperature slimline heaters are designed with a maximum surface temperature of 43°C, complying with NHS Estates Health Guidance Notes, to minimise the risk of burn injuries. They are perfect for environments with vulnerable people such as children and elderly residents; and therefore ideal for schools, nurseries, retirement homes, hospitals and anywhere where safety is paramount.

PLSTiE Slimline LST Fan Heaters

With electronic 7-day timer & intelligent fan control



The intelligent fan control optimises fan speed and heat output to quickly achieve and control a comfort temperature whilst maintaining a very low noise level.

Two new ratings: 0.5kW and 0.75kW have been added to this range. They are compact heaters and ideal for use in narrow hallways or landings.

The Consort PLSTiE low surface temperature wall mounted fan heaters are very slim and contemporary in design.

- 0.5kW, 0.75kW, 1kW or 1.5kW rating
- 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
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidelines Notes
- 7-day timer with electronic thermostat
- 6 heating periods per day
- Quiet operation
- Safety monitoring feature (refer to page 5 for details) **NEW**
- Open window detection
- Copy day function
- Concealed 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
- Easy operation
- 4 large control buttons with tactile feedback
- Electronic child lock
- Optional control panel locking kit (PLK1)
- 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 1.8m of supply cable
- Finished in white

Dimensions (mm) & Weight (kg):

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



The stunning curved fascia of the Chelsea fan heater is lacquered aluminium allowing its good looks to be easily maintained. They are ideal for installations such as open plan offices or large conservatories. The Flowzone fan heater is compact and robust in design. They make the perfect choice where space is limited. Both fan heaters are suitable for a wide range of commercial and domestic applications.

Chelsea 3kW Wall Mounted Fan Heaters

With electronic 7-day timer



Dimensions (mm) & Weight (kg):

Model No.	Height	Depth	Width	Weight
WMH3E	260	120	584	4.5

Model No.	kW	dBA
WMH3E	3	37

- 3kW rating
- 7-day timer with electronic thermostat
- 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
- Easy operation
- 4 large control buttons with tactile feedback
- Electronic child lock
- Robust construction
- Contemporary design
- Fitted with 1.8m of supply cable
- Finished in lacquered aluminium

Flowzone 3kW Wall Mounted Fan Heaters

With electronic 7-day timer



Dimensions (mm) & Weight (kg):

Model No.	Height	Depth	Width	Weight
HE6137E	260	115	500	5.7

Model No.	kW	dBA
HE6137E	3	37

- 3kW rating
- 7-day timer with electronic thermostat
- 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
- Easy operation
- 4 large control buttons with tactile feedback
- Electronic child lock
- Robust construction
- Fitted with 1.8m of supply cable
- Finished in barley white and grey surround





Multizoning your electronic 7-day timer heating system is now possible with our new custom-built heaters with an RF receiver. Each heater can be connected to an MRX1 multizone controller that allows you to change the zone programme individually or as a group.

NEW

Electronic 7-day timer heaters with RF receiver

Our new range of electronic 7-day timer heaters with RF receiver can be connected to a multizone heating system. 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.



* Wireless controlled by separately purchased MRX1 controller.

Electronic 7-Day Timer Heaters

With RF receiver

Each heater has the same features and functions as our Electronic 7-day timer heaters. The range includes:

- PLE-RF panel heaters
- LSTE-RF panel heaters
- CN2MLSTiERF fan heater
- PLSTiE-RF Slimline LST fan heaters
- WMH3ERF Chelsea 3kW Wall mounted fan heaters
- HE6137ERF Flowzone 3kW Wall mounted fan heaters

These heaters are made to order.



02 Run-back time control & thermostat



Our run-back time control heating system is designed to be energy and cost efficient.

The SLPB, SLVT, SLVTB, SLPIR and SLPBWP single zone wireless controllers have a run-back timer function which allows a heating cycle to be operational only when the controller is activated. These controllers are easy to install and set up, and can operate multiple SL heaters including low surface temperature heaters. All controllers have easy-to-use control buttons except for the SLPIR.

This cost effective heating system is suitable for many commercial and domestic premises such as offices, student accommodation, hotels, modular buildings or homes.

Quick feature guide on our run-back timers



TECHNICAL FEATURES

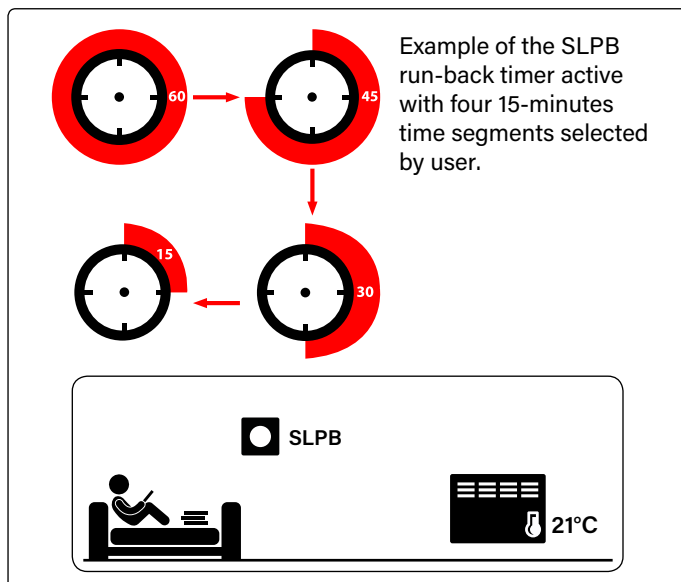
	SLPB	SLVT	SLVTB	SLPIR	SLPBWP
	Run-back timer and thermostat	Run-back timer and adjustable thermostat	Battery-powered run-back timer and adjustable thermostat	Motion-activated run-back timer	Waterproof run-back timer and thermostat
Compatible with RX heaters					
Compatible with SL heaters	✓	✓	✓	✓	✓
Mains-powered	✓	✓		✓	✓
Battery-powered			✓		
Run-back timer	✓	✓	✓	✓	✓
• Choice of time periods	5, 15 or 30 mins	5, 15 or 30 mins	5, 15 or 30 mins	5, 15, 30 or 60 mins	15, 30 or 60 mins
Adjustable thermostat		✓	✓		
Operating modes	3	2	2		3
Comfort and setback temperatures	✓	✓	✓	✓	✓
Motion activated				✓	
Waterproof					✓
Fits onto most standard single gang box	✓	✓	✓	✓	

4-stage run-back timer with SLPB, SLVT and SLVTB

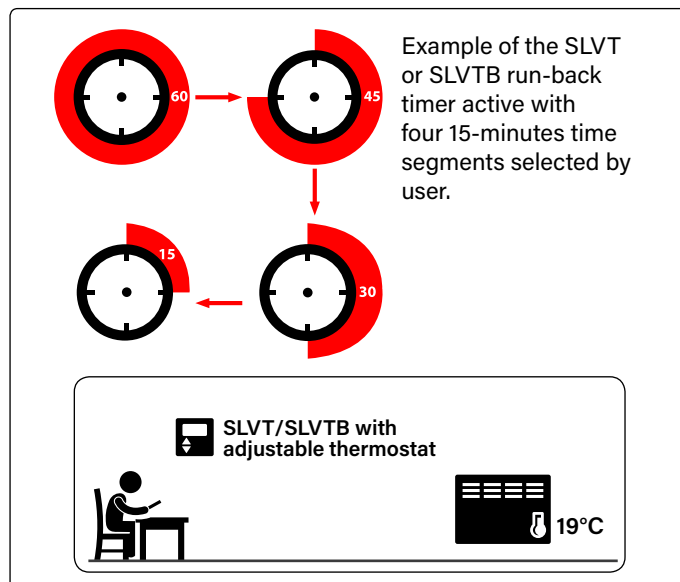
The SLPB, SLVT and SLVTB controllers feature a 4-stage run-back timer function where the heating period will stay active until the run-back timer expires making it ideal for areas such as hotels or student accommodation. Users can activate the heating using the pre-set time segments set by the building owners or operators. There is a choice of three time segments available: 5, 15 or 30 minutes. When the main control button is pressed four times, this takes the run-back time period to 20, 60 or 120 minutes. The following page illustrates how the run-back timer works on our three controllers.

Timer Mode with time period selection:

	Button press x 1	Button press x 2	Button press x 3	Button press x 4
Time segments (minutes)	Heating period (minutes)	Heating period (minutes)	Heating period (minutes)	Heating period (minutes)
5	5	10	15	20
15	15	30	45	60
30	30	60	90	120

SLPB controller

Temperature set at 21°C by building owner. User is unable to set temperature on the SLPB controller.

SLVT or SLVTB controller

Temperature set at 21°C by building owner. However, user is able to set comfort temperature at 19°C on SLVT/SLVTB controller.

Run-back timer with SLPIR and SLPBWP

The SLPIR and SLPBWP are the latest controllers in our run-back time control range. The SLPIR controller is a motion activated run-back timer which activates a full heating period when a movement is detected. It increases comfort and 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.

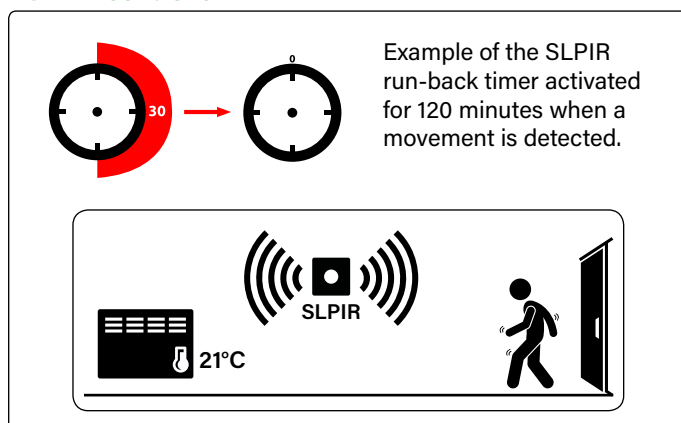
The SLPBWP, on the other hand, is a waterproof run-back timer. It is IP65 rated which makes it ideal for outdoors, bathrooms and other wet areas. The SLPBWP has a control button to activate a full heating period and heating remains active until the run-back timer expires. Below illustrates how the SLPIR and SLPBWP run-back timer work.

SLPIR Timer Mode with time period segments:

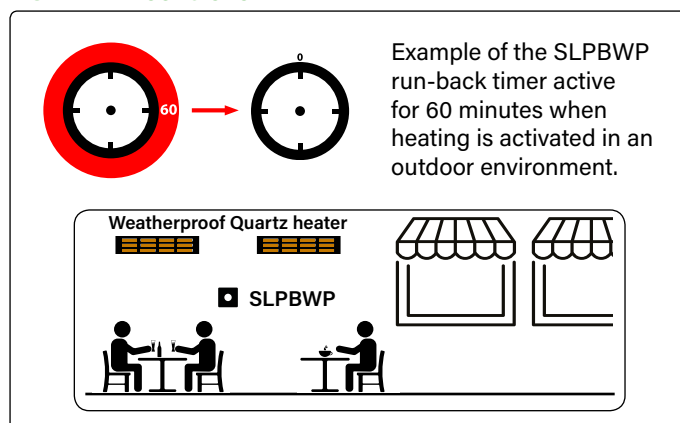
Time segments (minutes)	SLPIR detects movement
	Full heating period activated (minutes)
5	20
15	60
30	120
60	240

SLPBWP Timer Mode with full heating periods:

Button press x 1
Full heating period (minutes)
15
30
60

SLPIR controller

Once activated from up to 5 metres, the controller allows the heater to increase the room temperature to its designated comfort heat setting of 21°C.

SLPBWP controller

In Timer mode, the controller acts as a run-back timer and heating will be active until run-back timer expires.

SLPB

Run-back timer and thermostat



- 3 operating modes:
 - Basic: Switches the heater on and off when button is pressed.
 - Timer: Controller acts as a 4 stage run-back timer where heating period will be active until run-back timer expires.
 - Temperature Control: Features temperature control for comfort and setback periods.

The SLPB, which has only one control button, allows the heaters to operate only when the controller is activated. It has four status indicators and operating modes which are set prior to the controller's installation. The Temperature Control mode can be used in conjunction with the Timer mode.

- Can operate multiple SL heaters
- Choice of 3 time periods in Timer mode: 5, 15 or 30 minutes
- Comfort heat setting between 15°C to 35°C
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 0°C to 15°C
- 4 light indicators around the button to show the status of the controller
- Easy operation
- Fits onto most standard single gang box
- 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

Dimensions (mm):

Model No.	Height	Depth	Width
SLPB	86	26	85



The SLVT and SLVTB offer temperature control where users can set their comfort room temperature using either one of the temperature control buttons, however, they cannot increase it beyond the maximum comfort temperature set by the building owners or operators.

SLVT

Run-back timer and adjustable thermostat



- 2 operating modes:
 - Temperature and Timer Control: Controller acts as a 4 stage run-back timer where heating period will be active until run-back timer expires. Target room temperature can be set using temperature control buttons.
 - Temperature Control: Features temperature control for comfort and setback periods.

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. It has four status indicators and two operating modes which are set prior to the controller's installation.

- Can operate multiple SL heaters
- Choice of 3 time periods in Temperature and Timer Control mode: 5, 15 or 30 minutes
- Comfort heat setting between 15°C to 35°C
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 0°C to 15°C
- 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 light indicators around the button to show the status of the controller
- Easy operation
- Fits onto most standard single gang box
- 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

Dimensions (mm):

Model No.	Height	Depth	Width
SLVT	86	26	85

SLVTB

Battery-powered run-back timer and adjustable thermostat



- Active heating mode is indicated by a letter displayed on the left side of the display screen:-
 - 't' - Displayed in run-back timer mode when the heating is activated and flashes when the comfort temperature is reached.
 - 'h' - Displayed in standard mode when the heating is activated and flashes when the comfort temperature is reached.

Dimensions (mm):

Model No.	Height	Depth	Width
SLVTB	86	26	85

Note: Supplied with single gang box and 2 'AAA' 1.5V batteries.

Provides similar functions and benefits as the SLVT controller except SLVTB is battery-powered. Status indicators are shown on the screen.

- Powered by 2 'AAA' 1.5V batteries
- Can operate multiple SL heaters
- 2 operating modes:
 - Temperature and Timer Control: Controller acts as a 4 stage run-back timer where heating period will be active until run-back timer expires. Target room temperature can be set using temperature control buttons.
 - Temperature Control: Features temperature control for comfort and setback periods.
- Choice of 3 time periods in Temperature and Timer mode: 5, 15 or 30 minutes
- Comfort heat setting between 15°C to 35°C
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 0°C to 15°C
- 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
- Easy operation
- Fits onto most standard single gang box

SLPIR

Motion activated run-back timer

NEW



The SLPIR acts as a run-back timer where a full heating period is activated when the controller detects movement.

The SLPIR controller is designed to control multiple SL heaters or SL receivers within the RF signal range.

- Can operate multiple SL heaters or SL receivers
- Motion sensor range of up to 5 metres
- Detection area: 60 degrees vertical, 120 degrees horizontal
- Controller acts as a run-back timer where a full heating period is activated when the controller detects movement
- Choice of 4 time periods: 5, 15, 30 and 60 minutes
- Comfort heat setting between 15°C to 35°C
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 0°C to 15°C
- 4 segment light indicator which counts down the time
- Easy operation
- Fits onto most standard single gang box
- 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*

Dimensions (mm):

Model No.	Height	Depth	Width
SLPIR	86	26	85

* Power adapter not supplied



SLPBWP

Waterproof run-back timer and thermostat

NEW



Dimensions (mm):

Model No.	Height	Depth	Width
SLPBWP	81	57	83

The SLPBWP is an IP65 rated waterproof run-back timer and thermostat which allows the heaters to operate only when the controller is activated. It has a status indicator and operating modes which are set prior to the controller's installation.

In Basic mode, the controller simply switches the heater on and off when the button is pressed. In Timer mode, it acts as a run-back timer where the heating period will be active until the run-back timer expires. In Temperature Control mode, it features temperature control for comfort and setback periods which can also be used in conjunction with the Timer mode.

- IP65 rated
- Can operate multiple SL heaters
- 3 operating modes:
 - Basic: Switches the heater on and off when button is pressed.
 - Timer: Controller acts as a run-back timer where heating period will be active until run-back timer expires.
 - Temperature control: Features temperature control for comfort and setback periods.
- Choice of 3 total time periods in Timer mode: 15, 30 or 60 minutes
- Comfort heat setting between 15°C to 35°C
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 0°C to 15°C
- Light indicator around the button to show the status of the controller
- Easy operation
- 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

03 Advanced single zone control



NEW

Our advanced single zone wireless controllers are designed to control heating more efficiently and improve energy and costs savings. The CRXSL, SLTI and LC controllers are simple to install and easy to operate, yet offer many functionalities. They are compatible with Consort's RX and SL heaters allowing users to choose from a comprehensive heater range to match their budget and heating requirements.

The advanced wireless controllers offer significant energy savings by providing very stable and accurate temperature control. This is enhanced by a half heat feature which reduces energy used by the RX heaters as the desired temperature is approached. All controllers offer up to 6 heat settings per day, 7 days a week. There is also an optional open window detection feature that is fully automatic and once enabled in the setup menu, it does not require further intervention to be activated. This feature when active helps to minimise heat loss, thus reducing energy wastage and saving money. All settings are shown on the controllers' clear digital display.

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.

Quick feature guide on our advanced single zone controllers



TECHNICAL FEATURES	CRXSL	SLTI	LC *
Compatible with RX heaters	✓	✓	✓
Compatible with SL heaters	✓	✓	✓
Mains-powered	✓	✓	✓
Battery-powered	✓	Battery backup only	✓
Operating modes	Programme, Manual, Setback & Boost	Programme, Manual, Setback & Boost	Programme, Manual & Setback
Copy day function	✓	✓	
Open window detection	✓	✓	✓
Comfort and setback temperature settings	✓	✓	✓
Table top stand	✓		

ENERGY SAVING FEATURES	CRXSL	SLTI	LC *
6 temperature programmes per day	✓	✓	✓
7-day heating programmes per week	✓	✓	✓
Half heat when approaching target temperature for RX heaters only.**	✓	✓	✓
Fan only mode for RX fan heaters	✓		
Maintains temperature within 0.5°C	✓		✓
Set temperature in 0.5 degrees increments	✓		✓

* 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 19.

** Half heat feature does not apply to 0.5kW and 0.8kW heaters.

CRXSL

Advanced single zone wireless controller

NEW



- Option to limit min/max temperature
- Temperature display of either Celsius or Fahrenheit
- Supplied with a security wall bracket and table top stand

Dimensions (mm):

Model No.	Height	Depth	Width
CRXSL	89	23	136

The new CRXSL wireless controller works with all RX and SL heaters and can operate different products at the same time.

Includes an optional open/close window detection feature which reacts intelligently to temperature changes in the area or room. Once enabled in the setup menu, it is fully automatic and does not require further intervention.

- Mains or battery-powered
- Compatible with all RX and SL heaters
- 6 temperature programmes per day
- 7-day heating programmes per week
- Quick and simple pairing
- Large backlit LCD display for easy reading
- Open window detection (detection time and settings are fully adjustable in the setup menu)
- Touch control
- Simple to set up and easy to programme
- 15-minutes Boost feature providing maximum comfort quickly with temperature control
- 5 different operating modes: Automatic, Manual temperature control, Boost, Setback and Fan only mode for RX fan heaters
- Electronic child lock

SLTI

Advanced single zone wireless controller



Dimensions (mm):

Model No.	Height	Depth	Width
SLTI	86	26	85

Now with Copy Day and Open Window Detection features. The SLTI offers up to 6 heating periods per day, 7 days a week.

- Compatible with all RX and SL heaters
- 6 temperature programmes per day **NEW**
- 7-day heating programmes per week
- 4 operating modes: Programme, Boost, Setback & Manual
- Copy day function **NEW**
- Open window detection (detection time and settings are fully adjustable in the setup menu) **NEW**
- 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 **NEW**
- Easy-to-read digital display
- Easy operation
- Electronic child lock
- Fits onto most standard single gang box
- Can be powered by either mains 240V or 12VDC which allows SELV (Separated Extra Low Voltage) installation*

* Power adapter not supplied

LC Landlord

Advanced single zone landlord controller

NEW



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.

- Mains or battery powered
- Compatible with all RX and SL heaters
- Open window detection
- Allows user to temporarily increase or decrease the room temperature
- Can control multiple heaters in a room
- Large backlit LCD display for easy reading
- Stylish and sleek modern design

Dimensions (mm):

Model No.	Height	Depth	Width
LC	89	23	136

04 Multizone and landlord control



The Multizone and Landlord Control heating systems are advanced heating control systems which provide options of controlling heaters via a central unit. 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.

NEW

We have expanded the Multizone heating system to include Consort's SL heaters and electronic 7-day timer heaters with an RF receiver to meet the demands of heating requirements of home and commercial building owners or operators.

Multizone Heating System

A central control unit ideal for home or commercial property owners to separately control temperatures of up to 8 heating zones.



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 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 an RF receiver, CRXSL or SLTI controllers.

Landlord Control Heating System

The Landlord Control heating system consists of an MLC controller and one or more LC controllers connected to RX or SL heater models. The MLC can control any number of LC controllers depending on the building construction.



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.



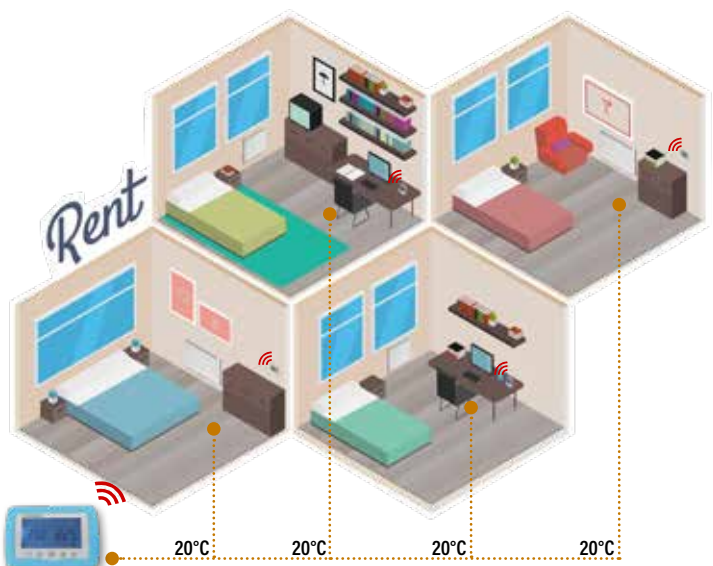
Flexibility

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.



Apart from the energy and costs saving features, the MRX1 controller offers convenience of controlling the temperatures in any zone from one location.

Energy Saving Features in MRX1 and MLC

- 6 temperature programmes per day
- 7-day heating programmes per week
- Half heat when approaching target temperature*
- Maintains temperature within 0.5°C
- Set temperature in 0.5 degrees increments

* Half heat feature does not apply to 0.5kW and 0.8kW heaters, or SL heaters.

MRX1 Multizone



Dimensions (mm):

Model No.	Height	Depth	Width
MRX1	90	53	130

- Mains powered
- Central control unit for a maximum of 8 heating zones
- The MRX1 allows you to change the zone programme individually or as a group
- 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
- Simple to set up and easy to programme
- Touchscreen control
- Large backlit LCD colour display for easy reading
- Stylish and sleek modern design
- 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

MLC Master Landlord

NEW



Dimensions (mm):

Model No.	Height	Depth	Width
MLC	89	23	136

- 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. Simple to set up and easy to programme
- 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.

05 Receiver units and range extenders



Our SLREC receiver unit enables certain heaters controlled by a remote switch to be wirelessly controlled by any SL or a CRXSL controller, expanding the heating control options to include temperature and time control. The SLREC can be retrofitted to existing compatible heaters.



With SLREC installed, users have a choice of seven different controllers to control heating.

SLREC Receiver Unit

Wireless control conversion



Consort Claudgen's SLREC is a receiver unit that enables certain heaters to be wirelessly controlled by a CRXSL or SL controller*. With SLREC installed, a CRXSL or SL controller expands the heating control options to include temperature and time control.

- Can control a load up to 3kW
- Maximum switching current 13A/250V
- Can be retrofitted to existing compatible heaters
- Each heater must be connected to an SLREC for it to be controlled by a CRXSL or SL controller*
- Multiple heaters can be controlled by a CRXSL or SL controller

* Requires a separately purchased wireless controller.

Dimensions (mm):

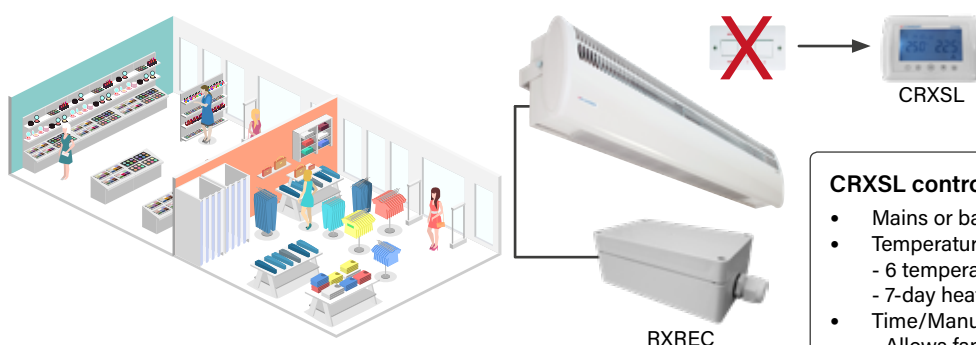
Model No.	Height	Depth	Width
SLBEC	82	57	80



RXREC Wireless Control Conversion Unit

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. Additionally, the Time/Manual mode in a CRXSL controller takes advantage of the RXREC long range performance to allow heaters to be controlled from a different room. The RXREC can be retrofitted to existing compatible air curtains.



CRXSL controller features

- Mains or battery powered
- Temperature programme mode:
 - 6 temperature programmes per day
 - 7-day heating programmes per week
- Time/Manual mode:
 - Allows fan and heat settings to be adjusted manually
 - Allows set time schedule for fan and heat settings
- Stylish and sleek modern design
- Large backlit LCD display for easy reading
- Simple to set up and easy to programme
- Child lock
- Temperature display of either degrees Celsius or Fahrenheit

Energy Saving Features in Temperature Programme mode

- 6 temperature programmes per day
- 7-day heating programmes per week
- Power reduced when approaching target temperature
- Maintains temperature within 0.5°C
- Set temperature in 0.5 degrees increments

RXREC Receiver Unit

Wireless conversion unit



- 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*
- Multiple heaters can be controlled by a CRXSL
- Long range performance dependent on building construction

* Requires a separately purchased CRXSL controller.

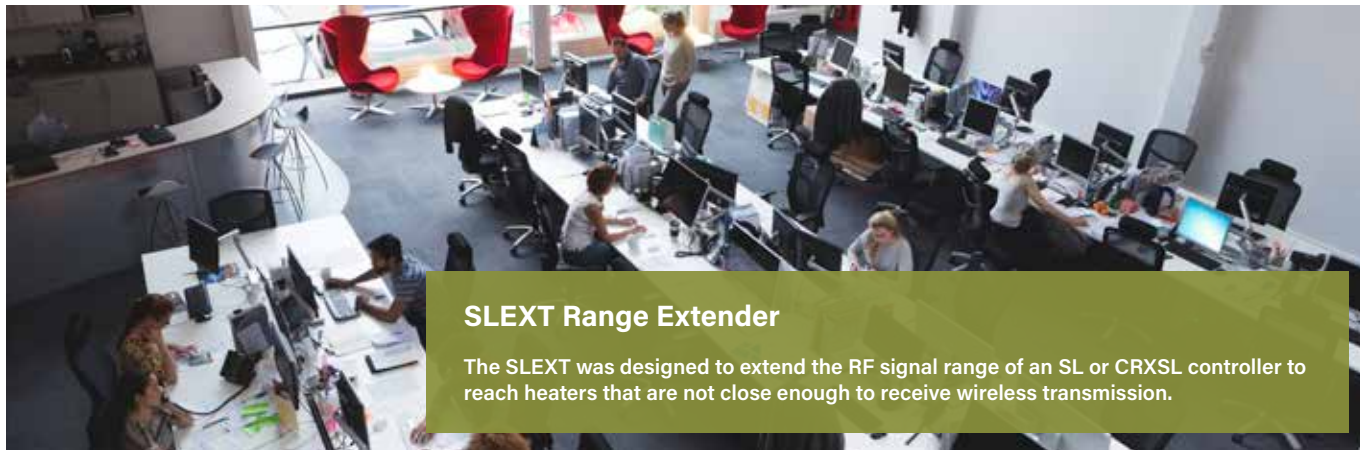
Dimensions (mm):

Model No.	Height	Depth	Width
RXREC	90	61	158

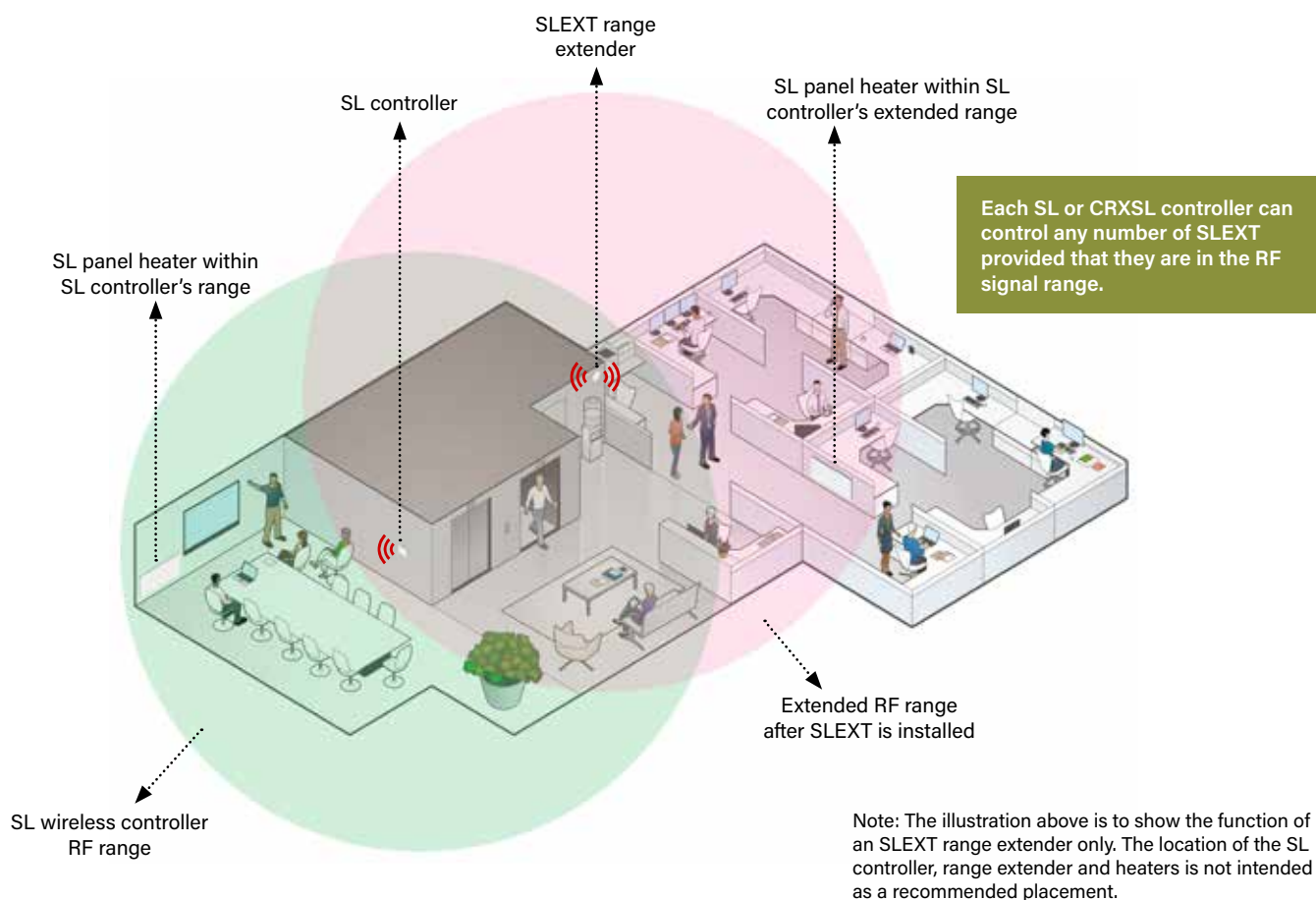
RXREC matching products list

Model No.	Description	kW	Model No.	Description	kW
HE8326	Tall double door air curtain	6	CA1309S	Extra wide air curtain	9
HE7433	Tall double door air curtain	9	CA1312S	Extra wide air curtain	12
RAC1306	Recessed air curtain	6	CA1509S	Extra wide air curtain	9
RAC1309	Recessed air curtain	9	CA1512S	Extra wide air curtain	12
RAC1509	Recessed air curtain	9	CA1514S	Extra wide air curtain	14
RAC1512	Recessed air curtain	12	CA1516S	Extra wide air curtain	16





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.



SLEXT Range Extender



The SLEXT is a range extender unit that extends the RF signal range of any SL or CRXSL controller. It is surface mountable and easy to install.

- Can double the range of all SL or CRXSL controllers
- Can be retrofitted
- Can control multiple heaters*
- Simple pairing to controller and heaters

* Requires a separately purchased CRXSL or SL controller.

Dimensions (mm):

Model No.	Height	Depth	Width
SLEXT	82	57	80

Heaters for Domestic, Commercial & Industrial Environments

Electric heating is not only the cleanest form of heating but very economical, with products to suit most applications that will give years of trouble free operation.

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.

Efficient design

Our heaters are designed with style and traditional build quality values. Combined with ease of installation and use, our heaters meet the demands of modern living giving functionality, economy and style.

Energy savings and total comfort

All heaters affected by the Lot 20 legislation are compliant and energy efficient with intelligent heating controls. The controls ensure comfort levels are accurately maintained.

Wireless controlled RX and SL heater models

The advanced single zone controllers (CRXSL, SLTI and LC controllers) are compatible with RX and SL heater models. The run-back timers (SLPB, SLVT, SLVTB, SLPBWP and SLPIR controllers) are compatible with SL heater models only. All wireless controllers are to be purchased separately.

Safety

All heaters conform to the latest European safety standards, have automatic safety cut-out and carry the CE mark. Splash proof heaters are IPX4 rated for use in bathrooms and other damp areas.

Warranty

All products are guaranteed for one year against faulty materials or workmanship and are supplied with clear user manuals.

In order to assist with the selection of RX and SL heaters, below are the differences between the two range:

ADVANTAGES OF RX HEATERS

- When used with CRXSL, MRX1 or MLC controllers:
 - More energy saving with half heat feature when approaching target temperature.
 - Fan function only available to blow cool air during warmer season.
 - Wider operating range

ADVANTAGES OF SL HEATERS

- Set at a lower price point, the SL heaters retain quality components and design making it more affordable than RX heaters without compromising on quality.
- If a heating system requires a run-back time control, the SL heater range is the perfect choice making the heating system more cost efficient.

HEATERS FOR DOMESTIC, COMMERCIAL & INDUSTRIAL ENVIRONMENTS

Panel heaters	p. 24
Fan heaters	p. 25
Convactor heaters	p. 32
Radiant heaters	p. 33
Air curtains	p. 35
Quartz heaters	p. 40
Towel rails	p. 42
Sanitary Incinerator	p. 43



Consort's panel heaters are very slim and contemporary in design. The PSL and PRX panel heaters have strengthened grilles to increase durability. The wall mounting system features a snap-on bracket which allows easy installation, cleaning and decoration. The LST heaters are easy to install, quiet in operation and ideal for schools, nurseries, retirement homes, hospitals and public areas, in fact anywhere where safety is paramount.

PSL / PRX Panel Heaters

Compatible with run-back timers and advanced single-zone controllers



- 0.5kW, 0.75kW, 1kW, 1.25kW, 1.5kW or 2kW rating
- Run-back time controllers are compatible with SL heaters only
- Very quiet operation
- Automatic safety cut-out
- Strengthened grille for increased durability
- 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 1.8m of supply cable
- Finished in white or stainless steel

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
PSL050(SS) / PRX050(SS)	0.5	430	93	442	4.0
PSL075(SS) / PRX075(SS)	0.75	430	93	442	4.0
PSL100(SS) / PRX100(SS)	1	430	93	614	5.0
PSL125(SS) / PRX125(SS)	1.25	430	93	720	6.0
PSL150(SS) / PRX150(SS)	1.5	430	93	720	6.0
PSL200(SS) / PRX200(SS)	2	430	93	852	6.5

Note: (SS) denotes Stainless Steel model.

SL LST/RX LST Panel Heaters

Compatible with run-back timers and advanced single-zone controllers



- 0.5kW or 0.8kW rating
- Run-back time controllers are compatible with SL heaters only
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes
- Very quiet operation
- Splash proof to IP24 for use in bathrooms and other wet areas
- Hinged wall mounting system for easy installation and cleaning
- Automatic safety cut-out
- LED indicator light
- Fitted with 1.8m of supply cable
- Finished in white

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
LST500SL / LST500RX	0.5	430	93	832	6.3
LST800SL / LST800RX	0.8	430	93	1195	8.7



Our wide range of fan heaters are ideal for many domestic and commercial applications. The low surface temperature heaters are designed to have a maximum surface temperature of 43°C, providing a high level of safety for environments with vulnerable people such as children and elderly residents.

PLSTi Slimline LST Fan Heaters

Compatible with run-back timers and advanced single-zone controllers



- 1kW or 1.5kW rating
- Run-back time controllers are compatible with SL heaters only
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidelines Notes
- 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.
- Operates on a very low noise level
- Incorporates EC motor for improved energy efficiency
- Safety monitoring feature (refer to page 5 for details) **NEW**
- Strengthened grille to increase durability
- LED indicator light
- Slimline design
- Automatic safety cut-out
- Fan only setting for air circulation (for RX models)
- Splash proof to IP24 for use in bathrooms and other damp areas
- Hinged wall mounting system for easy installation and decorating
- Finished in white or lacquered stainless steel

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
PLSTi100SL / PLSTi100RX	1	430	96	640	6.0
PLSTi150SL / PLSTi150RX	1.5	430	96	892	8.0
PLSTi150SSRX	1.5	430	96	892	8.0

Note: 'SS' denotes Stainless Steel model.

CSL / CN LST Fan Heaters

Compatible with run-back timers and advanced single-zone controllers



MLST with mesh grille



- 1kW or 2kW rating
- Run-back time controllers are compatible with SL heaters only
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes
- Quiet operation
- Fan only setting for air circulation (for RX models)
- Available with mesh grille to prevent objects being dropped into the heater
- LED indicator light
- Automatic safety cut-out
- Finished in white

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight	dBA
CSL1LST / CN1LSTRX	1	360	130	590	5.5	35
CSL2LST / CN2LSTRX	2	360	143	750	8.0	40
CSL1MLST / CN1MLSTRX	1	360	130	590	5.5	35
CSL2MLST / CN2MLSTRX	2	360	143	750	8.0	40

HE7010 High Level Fan Heaters

Compatible with run-back timers and advanced single-zone controllers



- 3kW rating
- Run-back time controllers are compatible with SL heaters only
- 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

The high level fan heaters are perfect for shops, offices and restaurants, indeed anywhere requiring discreet background heat. These heaters are quiet, economical in use and unobtrusive once installed.

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight	dBA
HE7010SL / HE7010RX	3	210	115	485	4.0	44

Note: 200mm clearance from ceiling required.



Any compatible wireless controller can be combined with this heater to offer the optimum functionality and control. This is especially useful in multiple installations such as open plan offices or large conservatories.

Chelsea Fan Heaters

Compatible with run-back timers and advanced single-zone controllers



This sleek stylish heater is suitable for domestic and commercial environments. The stunning curved fascia is lacquered aluminium allowing its good looks to be easily maintained.

- 3kW rating
- Run-back time controllers are compatible with SL heaters only
- Quiet operation
- Automatic safety cut-out
- Fan only setting for air circulation (For RX model)
- LED indicator light
- Robust construction
- Contemporary design
- Fitted with 1.8m of supply cable
- Finished in lacquered aluminium

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight	dBA
WMH3SL / WMH3RX	3	260	120	584	4.5	37



Plinth heaters provide instant heat where space is at a premium and discreet yet effective heating is required. Most commonly used in kitchens, plinth heaters are great solutions if you want to free up more kitchen units and appliances installed in your dream kitchen.

Plinth Heaters









Compatible with run-back timers and advanced single-zone controllers



They require a minimum kick space height of only 100mm thereby offering increased installation options.

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
- Run-back time controllers are compatible with SL heaters only
- Easy installation and maintenance
- Fan only setting for air circulation in warm weather
- Minimum kick space height of only 100mm
- Automatic safety cut-out
- LED indicator light
- Fitted with 2.2m of supply cable
- Four different finishes

	SL plinth heaters	RX plinth heaters
Black		
Brown		
Silver		
White		

Dimensions (mm) & Weight (kg):

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

Types of Finish					
		Black	Brown	Stainless Steel	White
Model No.	2kW	PHSL2BL / PHRX2BL	PHSL2B / PHRX2B	PHSL2S / PHRX2S	PHSL2W / PHRX2W
	3kW	PHSL3BL / PHRX3BL	PHSL3B / PHRX3B	PHSL3S / PHRX3S	PHSL3W / PHRX3W





Ceiling heaters are ideal to heat areas where wall and floor space is at a premium.

Recessed Ceiling Fan Heaters

Compatible with run-back timers and advanced single-zone controllers



Recessed ceiling heaters are designed for discreet positioning in a suspended 600mm standard ceiling panel. They are ideal to heat areas such as shops and offices.

- 3kW, 4.5kW or 6kW rating
- Run-back time controllers are compatible with SL heaters only
- Fits standard 600mm modular suspended ceiling system
- Sealed heater box for improved energy efficiency
- Will fit shallow 210mm recess
- Light weight for easy installation
- Quiet operation
- Automatic safety cut-out
- Fan only setting for air circulation (for RX models)
- LED indicator light
- Complete with white aluminium diffuser

Dimensions (mm) & Weight (kg):

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

Surface Ceiling Fan Heaters

Compatible with run-back timers and advanced single-zone controllers



Suitable for supermarket and showroom areas or where heat is required locally. Designed to be suspended via its integral anchorage points and with a completely enclosed housing ensuring ease of installation.

- 3kW, 4.5kW or 6kW rating
- Run-back time controllers are compatible with SL heaters only
- Quiet operation
- Fan only setting for air circulation (for RX models)
- Sealed heater box for improved energy efficiency
- Automatic safety cut-out
- LED indicator light
- Complete with white aluminium diffuser and surface mounting kit

Dimensions (mm) & 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

CN2FSL Wall Mounted Fan Heaters

Compatible with run-back timers and advanced single-zone controllers



The CN2FSL fan heaters are suitable for a wide range of commercial and domestic applications.

- 2kW rating
- Quiet operation
- Automatic safety cut-out
- LED indicator light
- Fitted with 1.8m of supply cable
- Finished in white

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight	dBA
CN2FSL	2	360	130	590	5.2	40

Flowzone Fan Heaters

Compatible with run-back timers and advanced single-zone controllers



- 3kW rating
- Quiet operation
- Automatic safety cut-out
- LED indicator light
- Fitted with 1.8m of supply cable
- Finished in barley white and grey surround



Suitable for a wide range of commercial and domestic applications. Wirelessly controlled, compact and a robust design make these heaters the perfect choice where space is limited.

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight	dBA
HE6137SL	3	260	115	500	5.7	37

Double Insulated Downflow Fan Heaters

Compatible with run-back timers and advanced single-zone controllers



The BHMSL heaters are double insulated for ease of installation.

- 1kW or 2kW rating
- Double insulated class II appliance
- 2 automatic safety cut-outs for additional safety
- Fitted power supply cable
- LED indicator light
- Secure wall fixing
- Finished in white

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
BHM1SL	1	190	115	305	2.0
BHM2SL	2	190	115	305	2.0

Metal Bodied Downflow Fan Heaters

Compatible with run-back timers and advanced single-zone controllers



Ideal for bathrooms, kitchens and areas requiring localised, controllable heat.

- 2kW rating
- Automatic safety cut-out
- LED indicator light
- Fitted with a 0.9m power supply cable
- Fixing/Securing bracket
- Metal bodied
- Finished in white or stainless steel

Dimensions (mm) & 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 model.

Fanfair 1.5kW/110V Portable Fan Heater

Fitted with integral switches



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 volts
- 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) & Weight (kg):

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

Free Standing 1kW LST Fan Heater

Fitted with integral switches



Ideal for emergency stand-in heater for nurseries, hospitals and retirement homes, this Low Surface Temperature, thermostatically controlled, quiet fan heater provides both a high level of safety and controllability.

- 1kW rating with on/off switch
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes
- Fan only setting for air circulation
- Variable thermostat with frost protection setting
- Free standing with feet supplied
- Tilt switch turns the heater off if it is knocked over
- Quiet operation
- Screw lockable control access panel
- Mesh grille to prevent objects being dropped into the heater
- Automatic safety cut-out
- Fitted cable with plug
- Finished in white

Dimensions (mm) & Weight (kg):

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

Model No.	Integral Mesh Grille	Thermostat & Switches
CN1MLSTFS	✓	✓



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. The intelligent fan control optimises fan speed and heat output to quickly achieve and control a comfort temperature whilst maintaining a very low of noise.

Commercial Fan Heaters

Compatible with CRXSL controller only



- Sensor to detect the room temperature and heat output
- 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
- Safety monitoring feature (refer to page 5 for details) **NEW**
- Time/Manual mode in CRXSL controller:
 - Allows fan and heat settings to be adjusted manually
 - Allows set time schedule for fan and heat settings
- Instant directional warmth
- Fan only setting for air circulation
- Wall mounted with multi-directional brackets supplied (180° horizontal, 45° vertical)
- Finished in white/grey

6kW Commercial Fan Heaters

- 6kW rating
- Single or 3 phase supply models
- 2 automatic fan speeds, 2 heat settings
- Maximum heat throw - 7 metres

Large Commercial Fan Heaters

- 9kW, 12kW or 15kW rating
- Single or 3 phase supply - except CH15i which is 3 phase only
- 2 automatic fan speeds, 3 heat settings
- Maximum heat throw - 11 metres

Dimensions (mm) & Weight (kg):

kW	Height	Depth	Width	Weight	Max. dBA
6	272	338	332	11.5	52

Model No.	Optimum Mounting Height (m)	Single Phase	Single or 3 Phase
CH06CSiRX	2.5 - 3.0	•	
CH06CPiRX	2.5 - 3.0		•

Model No.	kW	Automatic Fan Speeds*	Heat Settings*
CH06CSiRX	6	2	2
CH06CPiRX	6	2	2

* Only available in manual mode

Dimensions (mm) & Weight (kg):

kW	Height	Depth	Width	Weight	Max. dBA
9/12/15	300	390	360	14	59

Model No.	kW	Optimum Mounting Height (m)	Single or 3 Phase
CH09iRX	9	2.5 - 4.0	•
CH12iRX	12	2.5 - 4.0	•
CH15iRX	15	2.5 - 4.0	•

Model No.	kW	Automatic Fan Speeds*	Heat Settings*
CH09iRX	9	2	3
CH12iRX	12	2	3
CH15iRX	15	2	3

* Only available in manual mode

CSL2SC Convactor Heater

Compatible with run-back timers and advanced single-zone controllers



Model CSL2SC convactor heater is designed to reduce the temperature rise above the heater allowing it to be installed beneath cable trunking.

- 2kW rating
- Virtually noiseless operation
- Can be mounted 300mm or more below cable trunking
- Full length wall bracket for ease of installation
- Automatic safety cut-out
- LED indicator light
- Finished in white

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
CSL2SC	2	360	130	590	3.9

CSL2SR Convactor Heater

Compatible with run-back timers and advanced single-zone controllers



Model CSL2SR convactor heater offers the added benefit of reducing the risk of wall discolouration and delamination through the provision of a built in heat deflector.

- 2kW rating
- Virtually noiseless operation
- Reduced risk of wall staining and delamination
- Full length wall bracket for ease of installation
- Finished in white
- Automatic safety cut out
- LED indicator light
- Finished in white

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
CSL2SR	2	360	130	590	3.9

CG2N Wall Mounted Convactor Guard



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

- Designed to fit a wide range of 2kW convactor heaters
- Provides extra mechanical protection and safety
- Can be retrospectively fitted
- Reduces RF signal range on SL heaters
- Finished in white

Dimensions (mm) & Weight (kg):

Model No.	Height	Depth	Width	Weight
CG2N	478	156	653	3.5

Ceramiczone Radiant Heaters

Compatible with run-back timers and advanced single-zone controllers



Radiant heaters are designed for high level use to deliver warmth economically. They are suitable for home, commercial or industrial applications.

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.

- 1.5kW or 3kW rating
- No distracting light
- High radiant efficiency
- Fitted guard included
- Suitable for wall or ceiling mounting*
- Angular and directional fixing bracket included
- Supplied with 1m of high temperature cable
- Finished in dove white

* Must be angled down at 45°

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
HE8515SL	1.5	230	120	450	3.5
HE8530SL	3	359	120	450	6.7

Model No.	No. of Heat Emitters	Recommended Wall Mounting Height (m)
HE8515SL	1	2.3
HE8530SL	2	2.7

Twinzone Radiant Heaters

Compatible with run-back timers and advanced single-zone controllers



Designed for high level use to deliver warmth economically, they are equally used at home, in commercial or industrial applications.

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.

- 1.5kW or 3kW rating
- Simple heat beam width adjustment
- Versatile installation options, adjustable wall brackets supplied
- Supplied with 1m of high temperature cable
- Optional guard (HE6350 or HE6352)
- Aluminium finish

Model No.	Description
HE6352	1.5kW Guard
HE6350	3kW Guard

Model No.	Mounting Height (m)			
	Horizontally suspended		Wall mounted angled	
	min	max	min	max
HE6351SL	2.5	3.6	2.3	3.6
HE6343SL	3.0	4.8	2.3	4.6

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
HE6351SL	1.5	57	162	660	1.0
HE6343SL	3	57	162	1170	1.8

Note: 300mm clearance from ceiling required.

Sunzone Radiant Heater

Compatible with run-back timers and advanced single-zone controllers



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.

- 2kW or 3kW rating
- Highly efficient, corrosion resistant aluminium reflector
- Directional radiant heat
- Supplied with 1m of high temperature cable
- Finished in barley white with chrome guard

Model No.	Optimum Mounting Height Wall Mount / Suspended
HE6502SL	2.1m Min 3.0m Max
HE6503SL	2.1m Min 3.7m Max

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
HE6502SL	2	86	56	1310	1.8
HE6503SL	3	86	56	1720	2.6

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



Splash proof, tough and very economical, the frostfighters are designed specifically for use in locations such as lofts, boats, garages, caravans, toilets and cellars. The UHA05LST complies with NHS Estates Health Guideline Notes and has a maximum surface temperature of under 43°C making it suitable for use in areas such as disabled toilets.

Frostfighter 450W & 1kW Utility Radiant Heaters

Integral thermostatic control



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 and UHA05LST have an independent fan to boost air circulation.

- 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 and UHA05LST
- Fitted cable
- Finished in barley white

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight	With fan
UHA05	0.45	345	150	225	2.5	
UHA05LST	0.45	345	150	225	2.9	✓
UHA10S	1	345	150	225	2.9	✓

Air Curtains Summary

Consort manufacture a wide range of surface mounted and recessed air curtains. Here is a quick summary of the complete range.

- ✱ 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

Surface Mounted Air Curtains

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	276	199	1305	20.0	2	2	52	Single/3 Phase
9.0	CA1509S	●	3.4	276	199	1530	22.0	2	2	55	3 Phase
12.0	CA1312S	●	3.4	276	199	1305	20.0	2	2	52	Single/3 Phase
12.0	CA1512S	●	3.4	276	199	1530	22.0	2	2	55	3 Phase
14.0	CA1514S	●	3.4	276	199	1530	22.0	2	2	55	3 Phase
16.0	CA1516S	●	3.4	276	199	1530	22.0	2	2	55	3 Phase
18.0	HE8360	▲	3.0	424	350	2138	60.0	2	3	53	3 Phase
18.0	HE8370	▲	4.0	424	350	1638	49.0	2	3	58	3 Phase
24.0	HE8380	▲	4.0	424	350	2138	60.0	2	3	58	3 Phase

Recessed Air Curtains

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	RAC0603	●	2.8	155	339	630	9.5	3	1	55	Single
3.0	RAC0603RX	■	2.8	155	339	630	9.5		1	55	Single
4.5	RAC0604	●	2.8	155	339	630	9.5	3	1	55	Single
4.5	RAC0604RX	■	2.8	155	339	630	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	155	339	1350	20.0	3	1	60	Single/3 Phase
6.0	RAC1306RX	■	2.8	155	339	1350	20.0		1	60	Single
9.0	RAC1309	●	3.4	155	339	1350	20.0	3	1	60	Single/3 Phase
9.0	RAC1509	●	3.4	155	339	1550	23.0	3	1	62	Single/3 Phase
9.0	HE8409	▲	3.0	200	395	1182	28.0	2	3	62	3 Phase
12.0	RAC1512	●	3.4	155	339	1550	23.0	3	1	62	Single/3 Phase
12.0	HE8412	▲	3.0	200	395	1482	34.0	2	3	62	3 Phase
18.0	HE8418	▲	3.0	200	395	1982	49.0	2	3	64	3 Phase

Note: For cable sizes, see page 41.



Consort Claudgen offers a wide range of air curtains suitable for commercial and industrial environments. They are designed to suit various doorway sizes or entrances. When installed effectively, the airstream can prevent heat loss and maintain a comfortable indoor temperature creating a better working condition and overall energy savings.

Screenzone 3kW, 4.5kW & 6kW Wireless Controlled Air Curtains

Compatible with advanced single-zone controllers



A welcoming curtain of warmth in shops, hotels, offices and other commercial premises with the added benefit of energy saving and comfort control.

- 3kW, 4.5kW or 6kW rating
- 634mm and 1040mm widths
- Wall mounting bracket supplied for ease of installation and angular adjustment
- Suspended, wall or trunking mounted
- Wireless controlled by separately purchased single zone controller
- Fan only setting for air circulation
- Automatic safety cut-out for thermal overload protection
- Finished in white

Model No.	kW	Max. mounting height (m)	dBA
HE7402RX	3	2.3	46
HE7420RX	4.5	2.3	46
HE8320RX	4.5	2.3	49
HE7426RX	6	2.3	49

Dimensions (mm) & Weight (kg):

Model No.	Height	Depth	Width	Weight
HE7402RX/HE7420RX	210	115	634	5.1
HE8320RX/HE7426RX	210	115	1040	8.8

Note: 200mm clearance from ceiling required.

Screenzone 3kW & 4.5kW Single Door Air Curtains

Fitted with integral switches



- 3kW or 4.5kW rating
- Wall mounting bracket supplied for ease of installation and angular adjustment
- Suspended, wall or trunking mounted
- Fitted with integral switches
- Optional remote switch HE8407 available
- 3 heat settings
- Fan only setting for air circulation
- Automatic safety cut-out for thermal overload protection
- Finished in white

Dimensions (mm) & Weight (kg):

Model No.	Max. Mounting Height (m)	dBA
HE7402	2.3	46
HE7420	2.3	46

Model No.	kW	Height	Depth	Width	Weight
HE7402	3	210	115	634	5.1
HE7420	4.5	210	115	634	5.1

Note: 200mm clearance from ceiling required.

Screenzone 4.5kW & 6kW Double Door Air Curtains

Fitted with integral switches



- 4.5kW or 6kW rating
- Wall mounting bracket supplied for ease of installation and angular adjustment
- Suspended, wall or trunking mounted
- Fitted with integral switches
- Optional remote switch HE8407
- 2 heat settings HE7426, 3 heat settings HE8320
- Fan only setting for air circulation
- Automatic safety cut-out for thermal overload protection
- Finished in white

Dimensions (mm) & Weight (kg):

Model No.	Max. Mounting Height (m)	dBA
HE8320	2.3	49
HE7426	2.3	49

Model No.	kW	Height	Depth	Width	Weight
HE8320	4.5	210	115	1040	8.8
HE7426	6	210	115	1040	8.8

Note: 200mm clearance from ceiling required.

Screenzone 6kW & 9kW Tall Double Door Air Curtains

Fitted with integral switches



- 6kW or 9kW rating
- Wall mounting bracket supplied for ease of installation and angular adjustment
- Suspended, wall or trunking mounted
- Supplied with remote switch
- 2 heat settings, 2 fan speeds
- Fan only setting for air circulation
- Automatic safety cut-out
- Single or 3 phase
- Finished in white

Dimensions (mm) & Weight (kg):

Model No.	Max. Mounting Height (m)	dBA
HE8326	2.8	55
HE7433	2.8	55

Model No.	kW	Height	Depth	Width	Weight
HE8326	6	210	115	1040	10.3
HE7433	9	210	115	1040	10.3

Note: 200mm clearance from ceiling required.

Screenzone 9kW, 12kW, 14kW & 16kW - 1300mm & 1500mm Extra Wide Air Curtains

Supplied with remote switch



- 9kW, 12kW, 14kW or 16kW rating
- Single or 3 phase on CA13 models
- 3 phase only on CA15 models
- Suspended, wall or trunking mounted
- Wall mounting brackets supplied for optional use and ease of installation
- Supplied with remote switch
- 2 heat settings, 2 fan speeds
- Multiple heaters can be controlled from one switch
- Fan only setting for air circulation
- Automatic safety cut-out for thermal overload protection
- Finished in white

Model No.	kW	Max. Mounting Height (m)	dBA
CA1309S	9	3.4	52
CA1312S	12	3.4	52
CA1509S	9	3.4	52
CA1512S	12	3.4	52
CA1514S	14	3.4	52
CA1516S	16	3.4	52

Dimensions (mm) & Weight (kg):

Model No.	Height	Depth	Width	Weight
CA13	276	199	1305	20
CA15	276	199	1530	22

Note: 300mm clearance from ceiling required.





The Screenzone air curtains provide a welcoming curtain of warmth in shops, hotels, offices and other commercial premises. The air curtains provide protection against the external environment, improving working conditions and energy savings.

Screenzone 18kW & 24kW Large Commercial Air Curtains

Supplied with electronic controller



- 18kW or 24kW rating
- 415 volt 3 phase 50Hz
- Suspended, wall or trunking mounted
- Supplied electronic controller combined with temperature sensor provides major energy savings
- 2 heat settings, 3 fan speeds
- Compatible with Building Management Systems
- Fan only setting for air circulation
- Automatic safety cut-out
- Finished in white

Model No.	Max. Mounting Height (m)	dBA
HE8360	3.0	53
HE8370	4.0	58
HE8380	4.0	58

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
HE8360	18	424	350	2138	60
HE8370	18	424	350	1638	49
HE8380	24	424	350	2138	60

Note: 300mm clearance from ceiling required.

Screenzone 3kW, 4.5kW & 6kW Wireless Controlled Recessed Air Curtains

Compatible with advanced single zone controllers



- 3kW, 4.5kW or 6kW rating
- Single phase only
- Will fit a recess as shallow as 210mm (155mm unit depth plus 55mm free air)
- Wireless controlled by separately purchased single zone controller
- Fan only setting for air circulation
- Automatic safety cut-out for thermal overload protection
- Supplied with white grille

Model No.	kW	Max. mounting height (m)	dBA
RAC0603RX	3	2.8	55
RAC0604RX	4.5	2.8	55
RAC1006RX	6	2.8	57
RAC1306RX	6	2.8	60

Dimensions (mm) & Weight (kg):

Model No.	Depth	Width	Length	Weight
RAC0603RX/RAC0604RX	155	339	634	9.5
RAC1006RX	155	339	985	13.5
RAC1306RX	155	339	1350	20.0



Screenzone 3kW, 4.5kW, 6kW, 9kW & 12kW Recessed Air Curtains

Supplied with remote switch



- 3kW, 4.5kW, 6kW, 9kW or 12kW rating
- Choice of single or 3 phase models
- Will fit a recess as shallow as 210mm (155mm unit depth plus 55mm free air)
- Supplied with remote switch
- 3 heat settings
- Fan only setting for air circulation
- Automatic safety cut-out for thermal overload protection
- Supplied with white grille

Dimensions (mm) & Weight (kg):

Model No.	Depth	Width	Length	Weight
RAC0603/RAC0604	155	339	634	9.5
RAC1006	155	339	985	13.5
RAC1306/RAC1309	155	339	1350	20.0
RAC1509/RAC1512	155	339	1550	23.0

Model No.	kW	Max. Mounting Height (m)	dBA	Single
RAC0603	3	2.8	55	•
RAC0604	4.5	2.8	55	•
RAC1006	6	2.8	57	•

Model No.	kW	Max. Mounting Height (m)	dBA	Single or 3 Phase
RAC1306	6	2.8	60	•
RAC1309	9	3.4	60	•
RAC1509	9	3.4	62	•
RAC1512	12	3.4	62	•

Large Screenzone 9kW, 12kW & 18kW Recessed Air Curtains

Supplied with electronic control



- 9kW, 12kW or 18kW rating
- 415 volt 3 phase 50Hz
- Will fit a recess as shallow as 300mm (200mm unit depth + 100mm free air)
- Supplied electronic controller combined with temperature sensor provides major energy savings
- 2 heat settings, 3 fan speeds
- Fan only setting for air circulation
- Compatible with Building Management Systems
- Automatic safety cut-out
- Supplied with white non-vision grille

Dimensions (mm) & Weight (kg):

Model No.	kW	Max. Mounting Height (m)	dBA
HE8409	9	3.0	62
HE8412	12	3.0	62
HE8418	18	3.0	64

Model No.	Depth	Width	Length	Weight
HE8409	200	395	1182	28
HE8412	200	395	1482	34
HE8418	200	395	1982	49





Softstart controls for quartz heaters are designed to control up to 6kW of loading capacity.

NEW

A quick feature guide on our softstart controls for quartz heating

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.

QSC3 and QSC6 Softstart



- 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

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):

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

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.

Quartzzone Halogen Radiant Heaters



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

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.

- 1.5kW, 2kW, 3kW or 4.5kW rating
- 4.5kW model is suitable for single or three phase supply
- 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
- Finished in dove white

Model No.	No. of lamps	Recommended Mounting Height	
		Wall mounted (m)	Ceiling mounted (m)
HE7915	1	2.5	3.0
HE7920	1	2.7	3.2
HE7930	2	3.0	3.6
HE7945	3	3.3	4.1

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
HE7915	1.5	230	120	450	3.1
HE7920	2	230	120	450	3.1
HE7930	3	435	120	450	5.9
HE7945	4.5	650	120	450	7.6

IP55 Waterproof Quartzzone Heaters



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 atmosphere.

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.

- 1.5kW, 3kW or 4.5kW rating
- 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

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
QZWP15N	1.5	120	125	480	1.7
QZWP30N	3	120	125	960	3.2
QZWP45N	4.5	120	125	1440	5.9

Model No.	No. of lamps	Recommended Wall Mounted Height (m)
QZWP15N	1	2.3
QZWP30N	2	2.3
QZWP45N	3	2.3





Our Toweldry towel rails deliver the luxury of warm, dry towels - all day, every day - economically and 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.

Toweldry Towel Rails

Including low surface temperature towel rails



TRF25C - Low Surface Temperature



TRF30 - Low Surface Temperature



TRJ40



TRJ60



TRJ80

The 25W and 30W towel rails comply with NHS Estates Health Guidance Notes and have a maximum surface temperature of 43°C when uncovered. TRF25C and TRJ40C are finished in chrome.

- 25W LST, 30W LST, 40W, 60W or 80W rating
- 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 or chrome

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
TRF25C	0.025	415	86	465	1.5
TRJ40, TRJ40C	0.040	415	86	465	1.5
TRF30	0.030	425	86	465	1.5
TRJ60	0.060	665	86	495	1.9
TRJ80	0.080	875	86	540	2.6

Ladder Towel Rails

275W Electronically controlled heated towel rails

Finished in chrome, it is an ideal accessory for luxury bathrooms in residential property or hotels.



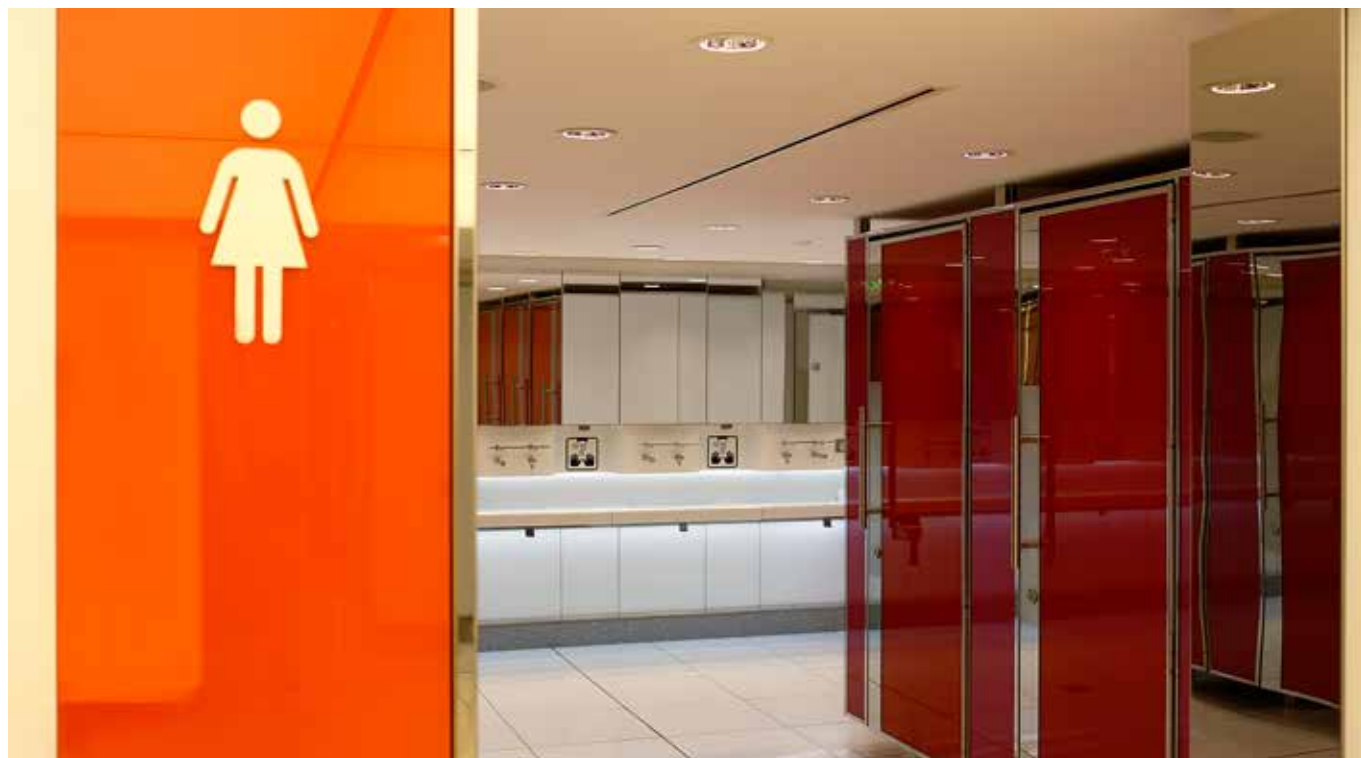
Consort's ladder towel rail provides controlled heating to efficiently warm your bathroom and towels. Room comfort is maintained with the variable electronic thermostat whilst summer use is practical with the one or two hour heat option, allowing the towels to be warmed on demand.

The provision of a pilot wire also allows the towel rail to be connected to a building management system if required, for total control.

- 275W rating
- Touch pad control
- Electronic thermostat with LED indicator
- Child lock
- On/Off switch
- Frost protection setting
- Full heat for either 1 or 2 hours
- Pilot wire for optional connection to building management system
- Liquid filled for even heat
- Fitted cable
- Double insulated Class II appliance which eliminates the need for supplementary bonding
- IP24 rated
- Finish in chrome

Dimensions (mm) & Weight (kg):

Model No.	kW	Height	Depth	Width	Weight
LTR300C	0.275	960	120	460	12.0



Sanfire sanitary incinerators provide clean, hygienic and safe disposal of sanitary towels and small medical dressings.

Sanfire 550W

Sanfire sanitary incinerator



Adequate for up to 40 users and can be connected to a single or common flue system.

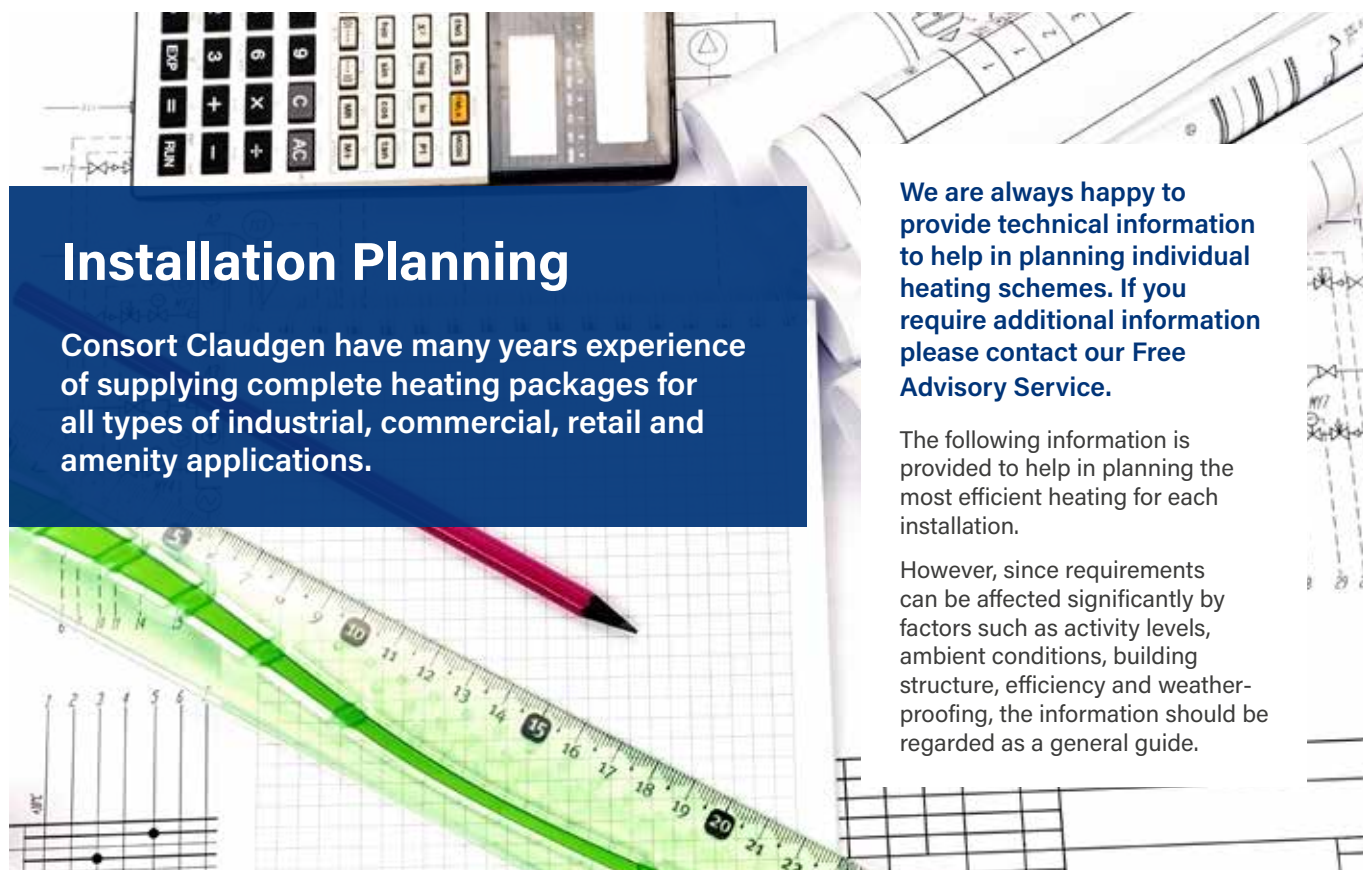
Opening the charging door automatically switches on the heating element for a pre-set incineration time. Ash residue is simply removed from the lockable drawer. To aid installation an optional flue adaptor, HE6768, and a 600mm flue, HE6767, are available.

- 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

Dimensions (mm) and Weight (kg):

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

Model No.	Description	kW	Capacity
HE6820	-	550W	40 users
HE6768	Flue adaptor	-	-
HE6767	600mm flue	-	-



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;

$$\text{Installed Load (kW)} = (A \times F) / 1000$$

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

Model No.	Output (kW)	No of wires	Wire size (mm ²)	Mains supply	
				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	4+earth	2.5	●	
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		●
HE8360	18.0	3 core screened*			●
HE8370	18.0	3 core screened*			●
HE8380	24.0	3 core screened*			●
HE8409	9.0	3 core screened*			●
HE8412	12.0	3 core screened*			●
HE8418	18.0	3 core screened*			●
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	●	●
RAC1509	9.0	5+earth	0.5	●	●
RAC1512	12.0	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 1.0mm² max.

Product Selector

[illegible]

Heating Scheme Form

At Consort, our dedicated Technical team look forward to provide you invaluable technical support and advice with your heating and air purification requirements. The team will carry out heat loss calculations and recommend heaters most suitable for your project needs. To take advantage of our free advisory service with installation design, complete the heating scheme form and return via fax: +44 (0)1646 695195 or email: technical@consortepi.com. Our heating scheme form is also available on our website at www.consortheating.com. Please submit drawings, if possible, to further illustrate your project requirement.

Customer contact details

Name:

Company name:

Address:

Tel no.:

Fax no.:

Email:

Site name and address

Site name:

Address:

Property details

Property type (eg. house, office, factory, lounge, church hall etc):

Property name (if applicable):

Approximate age of property:

Property dimensions:

Height (m) _____ Width (m) _____ Length (m) _____

Heater preference & control option (please tick where required)

- | | | |
|--|---|--|
| <input type="checkbox"/> Panel heaters | <input type="checkbox"/> High level fan heaters | <input type="checkbox"/> Wireless control |
| <input type="checkbox"/> Low surface temperature panel heaters | <input type="checkbox"/> Plinth heaters | <input type="checkbox"/> Timer |
| <input type="checkbox"/> Low surface temperature fan heaters | <input type="checkbox"/> Air curtains | <input type="checkbox"/> Thermostat & switches |
| <input type="checkbox"/> Wall mounted fan heaters | <input type="checkbox"/> Recessed ceiling heaters | |
| <input type="checkbox"/> Wall mounted recessed fan heaters | <input type="checkbox"/> Surface ceiling heaters | |

Type of construction (please tick where appropriate)

Walls: ☐ Cavity ☐ Solid ☐ Timber frame ☐ Others, please specify: _____

Insulation: ☐ None ☐ 100mm ☐ 200mm ☐ Others, please specify: _____

Insulated roof? ☐ Yes ☐ No

Glazing: ☐ Single ☐ Double ☐ If others, please specify: _____

No. of rooms/areas: _____

Room sizes:



delivering
excellence
through
innovation

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Sales email: sales@consortepl.com
Technical email: technical@consortepl.com
Web: www.consortepl.com



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 17 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 meets the requirements of EU Directive 2014/30/EU for EMC and 2014/35/EU Directive.

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 Claudgen Range

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

- Installation and 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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