

2021 Heat



ELECTRIC HEATING SOLUTIONS

FOR DOMESTIC, COMMERCIAL
AND INDUSTRIAL ENVIRONMENTS

Welcome to Consort Claudgen's Heat brochure.

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

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 two new downflow fan heaters suitable for bathrooms and kitchens. The DF2 downflow fan heater comes with a pull-cord switch while the DF2SL is a wireless controlled fan heater with a thermostat. Both provide rapid warmth and adjustable heat output of 1kW or 2kW at installation. Find out more on page 18.

We have also added three new large recessed air curtains to the Screenzone family. All models are supplied with a colour touchscreen electronic controller and external temperature sensor. Turn to page 24 for more details.

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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 time control and thermostat controllers (SLPB, SLVT, SLVTB, SLPBWP and SLPIR) 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.

PANEL HEATERS

PLE

Panel heaters with electronic 7-day timer



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

Note: 'SS' denotes stainless steel finish.

Model No.

PLE

Features

- With built-in electronic 7-day timer and thermostat.
- Very quiet operation.
- Slimline and clean design.
- Strengthened grilles to increase durability.
- Automatic safety cut-out.
- Splash proof to IP24 for use in bathrooms and other damp areas.
- 4 large control buttons with tactile feedback.
- Optional control panel locking kit (PLK1).
- Hinged wall mounting system for easy installation and decorating.
- Fitted with 1.8m of supply cable.
- Finished in white or stainless steel.

ELECTRONIC 7-DAY TIMER & THERMOSTAT FEATURES



PROGRAMMABLE 7-DAY TIMER & THERMOSTAT

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



HEATING CONTROL SETTINGS

- 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.
- Maintains temperature within 0.7 degrees.



COPY DAY FUNCTION

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



ELECTRONIC CHILD LOCK

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



OPEN WINDOW DETECTION

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



4 OPERATING MODES

Programme, Boost, Setback and Manual



BOOST FEATURE

15-minutes Boost

PSL

Wireless controlled panel heaters



Consort's panel heaters are very slim and contemporary in design. The PSL panel heaters have strengthened grilles to increase durability. The wall mounting system features a snap-on bracket which allows easy installation, cleaning and decoration.



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

Model No.

PSL

Features

- Very quiet operation.
- Strengthened grille for increased durability.
- Automatic safety cut-out.
- Splash proof to IP24 for use in bathrooms and other damp areas.
- Snap-on bracket for easy installation and decorating.
- LED indicator light.
- Fitted with 1.8m of supply cable.
- Finished in white.

Heating control features

Depending on choice of wireless controller.

Note: Wireless controllers to be purchased separately.

CHOICE OF WIRELESS CONTROLLERS



RUN-BACK TIME CONTROL & THERMOSTAT

Building owners or operators have a variety of SL heating control options through SLPB, SLVT, SLVTB, SLPIR or SLPBWP wireless controllers connected to one or multiple SL heaters. Refer to page 33 for details.



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. Refer to page 36 for details.

LOW SURFACE TEMPERATURE HEATERS

PLSTiE

LST Slimline fan heaters with electronic 7-day timer



Model No.	kW	Height x Depth x Width (mm)	Weight (kg)
PLSTi050E	0.5	430 x 93 x 506	4.5
PLSTi075E	0.75	430 x 93 x 506	4.5
PLSTi100E	1	430 x 93 x 640	6.0
PLSTi150E	1.5	430 x 93 x 892	8.0
PLSTi150SSE	1.5	430 x 93 x 892	8.0

Note: 'SS' denotes stainless steel finish.

Model No.

PLSTiE

Features

- With built-in electronic 7-day timer and thermostat.
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes.
- Incorporates EC motor for improved energy efficiency.
- Operates on a very low noise level.
- Automatic safety cut-out.
- Slimline and clean design.
- Strengthened grille for increased durability.
- 4 large control buttons with tactile feedback.
- Optional control panel locking kit (PLK1).
- Hinged wall mounting system for easy installation and decorating.
- Splash proof to IP24 for use in bathrooms and other damp areas.
- Fitted with 1.8m of supply cable.
- Finished in white.

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.

SAFETY MONITORING FEATURE

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

ELECTRONIC 7-DAY TIMER & THERMOSTAT FEATURES



PROGRAMMABLE 7-DAY TIMER & THERMOSTAT

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



HEATING CONTROL SETTINGS

- 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.
- Maintains temperature within 0.7 degrees.



COPY DAY FUNCTION

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



ELECTRONIC CHILD LOCK

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



OPEN WINDOW DETECTION

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



4 OPERATING MODES

Programme, Boost, Setback and Manual



BOOST FEATURE

15-minutes Boost

PLSTi SL

Wireless controlled LST slimline fan heaters



Model No.	kW	Height x Depth x Width (mm)	Weight (kg)
PLSTi050SL	0.5	430 x 96 x 506	4.5
PLSTi075SL	0.75	430 x 96 x 506	4.5
PLSTi100SL	1	430 x 96 x 640	6.0
PLSTi150SL	1.50	430 x 96 x 892	8.0

Model No.	PLSTi SL
Features	<ul style="list-style-type: none"> • Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes. • Incorporates EC motor for improved energy efficiency. • Operates on a very low noise level. • Automatic safety cut-out. • Slimline and clean design. • LED indicator light. • Strengthened grille for increased durability. • Hinged wall mounting system for easy installation and decorating. • Splash proof to IP24 for use in bathrooms and other damp areas. • Fitted with 1.8m of supply cable. • Finished in white.
Heating control features	Depending on choice of wireless controller.

Note: Wireless controllers to be purchased separately.

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.

SAFETY MONITORING FEATURE

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

CHOICE OF WIRELESS CONTROLLERS



RUN-BACK TIME CONTROL & THERMOSTAT

Building owners or operators have a variety of SL heating control options through SLPB, SLVT, SLVTB, SLPIR or SLPBWP wireless controllers connected to one or multiple SL heaters. Refer to page 33 for details.



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. Refer to page 36 for details.

LSTE

LST Panel heaters with electronic 7-day timer



- With built-in electronic 7-day timer and thermostat.
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes.
- Very quiet operation.
- Automatic safety cut-out.
- Slimline and clean design.
- 4 large control buttons with tactile feedback.
- Optional control panel locking kit (PLK1).
- Hinged wall mounting system for easy installation and decorating.
- Splash proof to IP24 for use in bathrooms and other damp areas.
- Fitted with 1.8m of supply cable.
- Finished in white.

Model No.	LST500E	LST800E
Rating (kW)	0.5	0.8
Height x Depth x Width (mm)	430 x 93 x 832	430 x 93 x 1195
Weight (kg)	6.3	8.7

ELECTRONIC 7-DAY TIMER & THERMOSTAT FEATURES



PROGRAMMABLE 7-DAY TIMER & THERMOSTAT

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



HEATING CONTROL SETTINGS

- 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.
- Maintains temperature within 0.7 degrees.



COPY DAY FUNCTION

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



ELECTRONIC CHILD LOCK

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



OPEN WINDOW DETECTION

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



4 OPERATING MODES

Programme, Boost, Setback and Manual



BOOST FEATURE

15-minutes Boost

CN2MLSTiE

With electronic 7-day timer & intelligent fan control



- With built-in electronic 7-day timer and thermostat.
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes.
- Incorporates EC motor for improved energy efficiency.
- Quiet operation.
- Automatic safety cut-out.
- 4 large control buttons with tactile feedback.
- Digital controls.
- Mesh grille to prevent objects being dropped into the heater.
- LED indicator light.
- Finished in white.

Model No.	CN2MLSTiE
Rating (kW)	2kW
Height x Depth x Width (mm)	360 x 143 x 750
Weight (kg)	8.0
dBA	40

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.

SAFETY MONITORING FEATURE

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

ELECTRONIC 7-DAY TIMER & THERMOSTAT FEATURES



PROGRAMMABLE 7-DAY TIMER & THERMOSTAT

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



HEATING CONTROL SETTINGS

- 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.
- Maintains temperature within 0.7 degrees.



COPY DAY FUNCTION

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



ELECTRONIC CHILD LOCK

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



OPEN WINDOW DETECTION

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



4 OPERATING MODES

Programme, Boost, Setback and Manual



BOOST FEATURE

15-minutes Boost

CSL LST / MLST

Wireless controlled LST fan heaters

MLST with mesh grille



- Compatible with run-back timers and advanced single zone controllers.
- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes.
- Quiet operation.
- Available with mesh grille to prevent objects being dropped into the heater.
- Automatic safety cut-out.
- LED indicator light.
- Finished in white.

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

Note: Wireless controllers to be purchased separately.

CN1MLSTFS

Free standing 1kW LST fan heater

Fitted with integral switches.



- 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.

Model No.	CN1MLSTFS
Rating (kW)	1
Height x Depth x Width (mm)	420 x 160 x 590
Weight (kg)	5.5
dBA	35

TRF25C • TRF30

LST Toweldry towel rails

TRF25C - Low Surface Temperature



TRF30 - Low Surface Temperature



- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidance Notes.
- 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.
- Finish in white or chrome.

Model No.	TRF25C	TRF30
Rating (kW)	0.025	0.030
Height x Depth x Width (mm)	415 x 86 x 465	425 x 86 x 465
Weight (kg)	1.5	1.5
Finish	Chrome	White

CSL CONVECTOR HEATERS & CONVECTOR GUARD

CSL2SC

Wireless controlled wall-mounted convector heater

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



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

Model No.	CSL2SC
Rating (kW)	2
Height x Depth x Width (mm)	360 x 130 x 590
Weight (kg)	3.9

Note: Wireless controllers to be purchased separately.

CSL2SR

Wireless controlled wall-mounted convector heater

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



- Compatible with run-back timers and advanced single zone controllers.
- Virtually noiseless operation.
- Reduced risk of wall staining and delamination.
- Full length wall bracket for ease of installation
- Automatic safety cut out.
- LED indicator light.
- Finished in white.

Model No.	CSL2SR
Rating (kW)	2
Height x Depth x Width (mm)	360 x 130 x 590
Weight (kg)	3.9

Note: Wireless controllers to be purchased separately.

CG2N

Wall-mounted convector guard

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



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

Model No.	CG2N
Height x Depth x Width (mm)	478 x 156 x 653
Weight (kg)	3.5

WALL MOUNTED FAN HEATERS

HE7010SL • HE7010RX

Wireless controlled high level fan heaters



- Compatible with run-back timers and advanced single zone controllers.
- Run-back timers are compatible with HE7010SL only.
- Quiet operation.
- Automatic safety cut-out.
- Fan only setting for air circulation (for HE7010RX).
- Wider operating range (for HE7010RX).
- LED indicator light.
- Bracket supplied for angular adjustment of heat flow.
- Finished in white.

Model No.	HE7010SL	HE7010RX
Rating (kW)	3	3
Height x Depth x Width (mm)	210 x 115 x 485	210 x 115 x 485
Weight (kg)	4.0	4.0
Maximum mounting height (m)	2.3	2.3
dBA	44	44

Note: 200mm clearance from ceiling required.
Wireless controllers to be purchased separately.

CHOICE OF WIRELESS CONTROLLERS



RUN-BACK TIME CONTROL & THERMOSTAT

Building owners or operators have a variety of SL heating control options through SLPB, SLVT, SLVTB, SLPBWP wireless controllers connected to one or multiple SL heaters. Refer to page 33 for details.



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. Refer to page 36 for details.

CN2FSLT

Wireless controlled wall-mounted fan heater



- Compatible with run-back timers and advanced single zone controllers.
- Quiet operation.
- Automatic safety cut-out.
- LED indicator light.
- Fitted with 1.8m of supply cable.
- Finished in white.

Model No.	CN2FSLT
Rating (kW)	2
Height x Depth x Width (mm)	360 x 130 x 590
Weight (kg)	5.2
dBA	40

Note: Wireless controllers to be purchased separately.

CHOICE OF WIRELESS CONTROLLERS



RUN-BACK TIME CONTROL & THERMOSTAT

Building owners or operators have a variety of SL heating control options through SLPB, SLVT, SLVTB, SLPBWP wireless controllers connected to one or multiple SL heaters. Refer to page 33 for details.



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. Refer to page 36 for details.

WMH3E

Chelsea fan heater with electronic 7-day timer



- With built-in electronic 7-day timer and thermostat.
- Quiet operation.
- Automatic safety cut-out.
- Frost protection setting.
- Digital control.
- 4 large control buttons with tactile feedback.
- Easy-to-read display.
- Easy operation.
- Robust construction.
- Contemporary design.
- Fitted with 1.8m of supply cable.
- Finished in lacquered aluminium.

Model No.	WMH3E
Rating (kW)	3
Height x Depth x Width (mm)	260 x 120 x 584
Weight (kg)	4.5
dBA	37

ELECTRONIC 7-DAY TIMER & THERMOSTAT FEATURES

**PROGRAMMABLE 7-DAY TIMER & THERMOSTAT**

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

**HEATING CONTROL SETTINGS**

- 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.
- Maintains temperature within 0.7 degrees.

**COPY DAY FUNCTION**

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

**ELECTRONIC CHILD LOCK**

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

**OPEN WINDOW DETECTION**

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

**4 OPERATING MODES**

Programme, Boost, Setback and Manual

**BOOST FEATURE**

15-minutes Boost

WMH3RX

Wireless controlled Chelsea fan heater



- Compatible with advanced single zone controllers.
- Quiet operation.
- Automatic safety cut-out.
- Fan only setting for air circulation.
- LED indicator light.
- Robust construction.
- Contemporary design.
- Fitted with 1.8m of supply cable.
- Finished in lacquered aluminium.

Model No.	WMH3RX
Rating (kW)	3
Height x Depth x Width (mm)	260 x 120 x 584
Weight (kg)	4.5
dBA	37

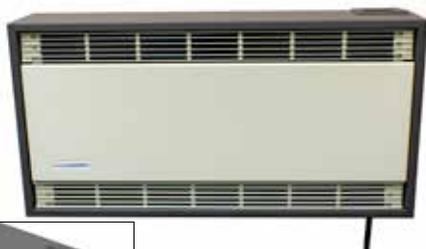
Note: Wireless controllers to be purchased separately.

HE6137E

Flowzone fan heater with electronic 7-day timer



Compact and robust design make these heaters the perfect choice where space is limited.



- With built-in electronic 7-day timer and thermostat.
- Quiet operation.
- Automatic safety cut-out.
- Frost protection setting.
- Robust construction.
- Digital control.
- 4 large control buttons with tactile feedback.
- Easy-to-read display.
- Easy operation.
- Fitted with 1.8m of supply cable.
- Finished in barley white and grey surround.

Model No.	HE6137E
Rating (kW)	3
Height x Depth x Width (mm)	260 x 115 x 500
Weight (kg)	5.7
dBA	37

ELECTRONIC 7-DAY TIMER & THERMOSTAT FEATURES



PROGRAMMABLE 7-DAY TIMER & THERMOSTAT

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



HEATING CONTROL SETTINGS

- 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.
- Maintains temperature within 0.7 degrees.



COPY DAY FUNCTION

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



ELECTRONIC CHILD LOCK

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



OPEN WINDOW DETECTION

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



4 OPERATING MODES

Programme, Boost, Setback and Manual



BOOST FEATURE

15-minutes Boost

HE6137SL**Wireless controlled Flowzone fan heater**

- Compatible with run-back timers and advanced single zone controllers.
- Quiet operation.
- Automatic safety cut-out.
- LED indicator light.
- Robust construction.
- Fitted with 1.8m of supply cable.
- Finished in barley white and grey surround.

Model No.	HE6137SL
Rating (kW)	3
Height x Depth x Width (mm)	260 x 115 x 500
Weight (kg)	5.7
dBA	37

Note: Wireless controllers to be purchased separately.

CHOICE OF WIRELESS CONTROLLERS**RUN-BACK TIME CONTROL & THERMOSTAT**

Building owners or operators have a variety of SL heating control options through SLPB, SLVT, SLVTB, SLPIR or SLPBWP wireless controllers connected to one or multiple SL heaters. Refer to page 33 for details.

**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. Refer to page 36 for details.

CEILING HEATERS**HE7237 • HE7247 • HE7267****Wireless controlled surface ceiling fan heaters**

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.



- Compatible with run-back timers and advanced single-zone controllers.
- Run-back time controllers are compatible with SL heaters only.
- Quiet operation.
- Fan only setting for air circulation (for RX models).
- Wider operating range (for RX models).
- Sealed heater box for improved energy efficiency.
- Automatic safety cut-out.
- LED indicator light.
- Complete with white aluminium diffuser and surface mounting kit.

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

Note: Wireless controller to be purchased separately.

HE7230 • HE7245 • HE7260

Wireless controlled recessed ceiling fan heaters



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.



- Compatible with run-back timers and advanced single-zone controllers.
- 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).
- Wider operating range (for RX models).
- LED indicator light.
- Complete with white aluminium diffuser.

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

Note: Wireless controllers to be purchased separately.

CHOICE OF WIRELESS CONTROLLERS



RUN-BACK TIME CONTROL & THERMOSTAT

Building owners or operators have a variety of SL heating control options through SLPB, SLVT, SLVTB, SLPPIR or SLPBWP wireless controllers connected to one or multiple SL heaters. Refer to page 33 for details.



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. Refer to page 36 for details.

PLINTH HEATERS

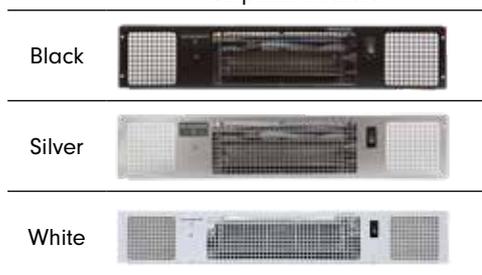
PHSL

Wireless controlled plinth heaters



Plinth heaters provide instant heat where space is at a premium and discreet yet effective heating is required. 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.

SL plinth heaters



- Compatible with run-back timers and advanced single zone controllers.
- Easy installation and maintenance.
- Minimum kick space height of only 100mm.
- Automatic safety cut-out.
- LED indicator light.
- Fitted with 2.2m of supply cable.
- Four different finishes.

Model No.	PHSL2	PHSL3
Rating (kW)	2	3
Height x Depth x Width (mm)	100 x 180 x 500	100 x 180 x 600
Weight (kg)	2.2	2.5
dBA	40	40

Note: Wireless controllers to be purchased separately.

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

CHOICE OF WIRELESS CONTROLLERS



RUN-BACK TIME CONTROL & THERMOSTAT

Building owners or operators have a variety of SL heating control options through SLPB, SLVT, SLVTB, SLPIR or SLPBWP wireless controllers connected to one or multiple SL heaters. Refer to page 33 for details.



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. Refer to page 36 for details.

DOWNFLOW FAN HEATERS

DF2

Wall-mounted downflow fan heater with pull-cord switch

DF2SL

Wireless controlled downflow fan heater with thermostat

NEW



 pull cord operation

 30 minute energy saving timer

 fast warm-ups with 2kW output

NEW



 variable thermostat

 compatible with Consort's wireless controllers

 fast warm-ups with 2kW output

Sleek and compact.
Ideal for kitchens and bathrooms.



DF2

Downflow fan heater with pull-cord switch

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



- Up to 2kW heat output for fast heating.
- Pull cord operation.
- Enhanced safety with 3 levels of overheat protection.
- Double insulated Class II appliance.
- LED indicator light.
- Finished in white.

Model No.	DF2
Heating capacity	1kW, 2kW (depending on pre-setting)
Supply Voltage	230V-240V, 50Hz
Height x Depth x Width (mm)	244 x 124 x 252
Weight (kg)	1.5

DF2SL**Wireless controlled downflow fan heater with thermostat**

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



- Up to 2kW heat output for fast heating.
- Variable thermostat.
- Compatible with run-back timers and advanced single zone controllers.
- Enhanced safety with 3 levels of overheat protection.
- Double insulated Class II appliance.
- LED indicator light.
- Finished in white.

Model No.	DF2SL
Heating capacity	1kW, 2kW (depending on pre-setting)
Supply Voltage	230V-240V, 50Hz
Height x Depth x Width (mm)	244 x 124 x 257
Weight (kg)	1.5

Note: Wireless controllers to be purchased separately.

CHOICE OF WIRELESS CONTROLLERS**RUN-BACK TIME CONTROL & THERMOSTAT**

Building owners or operators have a variety of SL heating control options through SLPB, SLVT, SLVTB, SLPIR or SLPBWP wireless controllers connected to one or multiple SL heaters. Refer to page 33 for details.

**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. Refer to page 36 for details.

BFHSL**Wireless controlled metal bodied downflow fan heaters**

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



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

Model No.	BFH2SL	BFH2SLSS
Rating (kW)	2	2
Height x Depth x Width (mm)	200 x 110 x 300	200 x 110 x 300
Weight (kg)	2.0	2.0
Finish	white	stainless steel

Note: Wireless controllers to be purchased separately.

CHOICE OF WIRELESS CONTROLLERS**RUN-BACK TIME CONTROL & THERMOSTAT**

Building owners or operators have a variety of SL heating control options through SLPB, SLVT, SLVTB, SLPIR or SLPBWP wireless controllers connected to one or multiple SL heaters. Refer to page 33 for details.

**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. Refer to page 36 for details.

TOWEL RAILS

TRF / TRJ Toweldry towel rails



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.

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 - Low Surface Temperature



TRF30 - Low Surface Temperature



TRJ40



TRJ60



TRJ80



- 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.

Model No.	TRF25C	TRF30	TRJ40	TRJ60	TRJ80
Rating (kW)	0.025	0.030	0.040	0.060	0.080
Height x Depth x Width (mm)	415 x 86 x 465	425 x 86 x 465	415 x 86 x 465	665 x 86 x 495	875 x 86 x 540
Weight (kg)	1.5	1.5	1.5	1.9	2.6
Finish	Chrome	White	White	White	White

HE7402RX - HE7426RX

Screenzone wireless controlled air curtains



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.



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

Model No.	kW	Height x Depth x Width (mm)	Weight (kg)	Max. Mounting Height (m)	dBA
HE7402RX	3	210 x 115 x 634	5.1	2.3	46
HE7420RX	4.5	210 x 115 x 634	5.1	2.3	46
HE8320RX	4.5	210 x 115 x 1040	8.8	2.3	49
HE7426RX	6	210 x 115 x 1040	8.8	2.3	49

Note: 200mm clearance from ceiling required.

HE7402 • HE7420

Screenzone single door air curtains



- 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.

Model No.	kW	Height x Depth x Width (mm)	Weight (kg)	Max. Mounting Height (m)	dBA
HE7402	3	210 x 115 x 634	5.1	2.3	46
HE7420	4.5	210 x 115 x 634	5.1	2.3	46

Note: 200mm clearance from ceiling required.

HE8320 • HE7426

Screenzone double door air curtains



- 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.
- 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.

Model No.	kW	Height x Depth x Width (mm)	Weight (kg)	Max. Mounting Height (m)	dBA
HE8320	4.5	210 x 115 x 1040	8.8	2.3	49
HE7426	6	210 x 115 x 1040	8.8	2.3	49

Note: 200mm clearance from ceiling required.

HE8326 • HE7433

Screenzone tall double door air curtains



- Wall mounting bracket supplied for ease of installation and angular adjustment.
- Suspended, wall or trunking mounted.
- Supplied with remote switch HE8408.
- 2 heat settings, 2 fan speeds.
- Fan only setting for air circulation.
- Automatic safety cut-out.
- Single/3 phase.
- Finished in white.

Model No.	kW	Height x Depth x Width (mm)	Weight (kg)	Max. Mounting Height (m)	dBA
HE8326	6	210 x 115 x 1040	10.3	2.8	55
HE7433	9	210 x 115 x 1040	10.3	2.8	55

Note: 200mm clearance from ceiling required.

CA1309S - CA1516S

Screenzone 1300MM & 1500MM Extra wide air curtains



- Single/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 HE8408.
- 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	Height x Depth x Width (mm)	Weight (kg)	Max. Mounting Height (m)	dBA
CA1309S	9	276 x 199 x 1305	20	3.4	52
CA1312S	12	276 x 199 x 1305	20	3.4	52
CA1509S	9	276 x 199 x 1530	22	3.4	52
CA1512S	12	276 x 199 x 1530	22	3.4	52
CA1514S	14	276 x 199 x 1530	22	3.4	52
CA1516S	16	276 x 199 x 1530	22	3.4	52

Note: 300mm clearance from ceiling required.

Explore more at www.consortepl.com

RAC0603RX - RAC1306RX

Screenzone wireless controlled recessed air curtains



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.



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

Model No.	kW	Depth x Width x Length (mm)	Weight (kg)	Max. Mounting Height (m)	dBA
RAC0603RX	3	155 x 339 x 634	9.5	2.8	55
RAC0604RX	4.5	155 x 339 x 634	9.5	2.8	55
RAC1006RX	6	155 x 339 x 985	13.5	2.8	57
RAC1306RX	6	155 x 339 x 1350	20.0	2.8	60

RAC0603 - RAC1512

Screenzone recessed air curtains



HE8407



HE8408

- 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 (HE8407 for single phase only models; HE8408 for single/3 phase models).
- 3 heat settings.
- Fan only setting for air circulation.
- Automatic safety cut-out for thermal overload protection.
- Supplied with white grille.

Model No.	kW	Depth x Width x Length (mm)	Weight (kg)	Max. Mounting Height (m)	dBA	Single phase or single/3 phase
RAC0603	3	155 x 339 x 634	9.5	2.8	55	single phase
RAC0604	4.5	155 x 339 x 634	9.5	2.8	55	single phase
RAC1006	6	155 x 339 x 985	13.5	2.8	57	single phase
RAC1306	6	155 x 339 x 1350	20.0	2.8	60	single/3 phase
RAC1309	9	155 x 339 x 1350	20.0	3.4	60	single/3 phase
RAC1509	9	155 x 339 x 1550	23.0	3.4	62	single/3 phase
RAC1512	12	155 x 339 x 1550	23.0	3.4	62	single/3 phase

The NEW RAC-HL Screenzone Air Curtains

RAC10HL • RAC15HL • RAC20HL

Powerful & Energy Efficient.
A Cost Effective Heating Solution.

- Consists of three models ranging from 8kW to 24kW rating.
- Supplied with a colour touchscreen electronic controller and an external temperature sensor.



Simple installation



Easy programming



8 heat settings



8 fan speeds



7-day timer



BMS compatible

FEATURES AND BENEFITS



ELECTRONIC CONTROLLER

The electronic touchscreen controller provides easy usability and simple installation. It can operate in basic or advanced mode and provides many features such as multiple air curtains control and a 7-day timer. The controller also displays the temperature and fan speed for connected air curtains.



MAJOR ENERGY & COST SAVINGS

The electronic controller is able to provide an efficient climate control through clever regulation of fan speed and heat. This helps to prevent unnecessary energy usage and reduces heat loss around open doors. The low energy consumption of the EC fans installed in the air curtains also help with energy and cost savings.



ENERGY USAGE SCREEN

The controller features an energy usage screen which shows energy consumption of all connected air curtains in the last day, week, month and year.



ADJUSTABLE POWER OUTPUT

Users can select between standard or high power output for each model. This allows the user to select the correct kW rating for their application.



SUITABLE FOR WIDER DOORWAYS

Available in 1m, 1.5m and 2m lengths. Multiple air curtains can be easily interconnected using CAT5/CAT6 RJ45 networking cable to resemble a continuous unit.



ENHANCED SECURITY

The controller can be security coded to prevent unauthorised access.



TEMPERATURE SENSOR

The external temperature sensor can be used indoors or outdoors which enables the electronic controller to optimise the fan speed and heat output to create an efficient optimal barrier and climate protection.



external sensor

RAC10HL - RAC20HL

Screenzone large commercial recessed air curtains

NEW



electronic controller



external sensor



HE8408

- 8 - 12kW, 12 - 18kW or 16 - 24kW rating, selectable at installation.
- Supplied with electronic controller, external temperature sensor and RJ45 cable.
- 415 volt 3 phase 50Hz.
- Will fit a recess as shallow as 300mm.
- 8 heat settings, 8 fan speeds.
- Fan only setting for air circulation.
- Optional simple mechanical remote switch HE8408 available.
- Compatible with Building Management Systems.
- Electronic overheat and fault protection.
- Visual fault indication.
- Easy maintenance.
- Supplied with hinged white non-vision grille.

ELECTRONIC CONTROLLER FEATURES

- Simple installation:
No intermediary terminal blocks required, wiring is via plug and play cable and connectors are direct to the controller.
- Electronic controller can control up to 7 air curtains with the same settings.
- Easy-to-use interface and simple to set up.
- 4 different modes:
 - Manual: User sets desired fan speed and heat settings.
 - Automatic: User sets air curtain's mounting height and the programme will automatically modify the ventilation and heating to provide high separation efficiency and optimum comfort.
 - Constant Temperature: Maintains a constant outlet temperature whilst regulating the air curtain velocity to maintain the optimum level of air separation.
 - Advanced Control: User sets a temperature range and the programme will automatically adjust heating as a higher target temperature is approached.
- Enhanced security:
By setting a four-digit pin code, users can prevent unauthorised access to the controller.
- Displays energy usage of all connected air curtains in the last day, week, month and year.
- Heater status shows temperature and fan speed of connected air curtains.
- 7-day timer.

Model No.	Min - Max kW	Depth x Width x Length (mm)	Weight (kg)	Max. Mounting Height (m)	dBA	Single or 3 phase
RAC10HL	8 - 12	270 x 515 x 1082	34	4	60	3 phase
RAC15HL	12 - 18	270 x 515 x 1592	51	4	61	3 phase
RAC20HL	16 - 24	270 x 515 x 2102	68	4	62	3 phase

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

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
12.0	RAC1512	●	3.4	155	339	1550	23.0	3	1	62	Single/3 Phase
8.0-12.0	RAC10HL	▲	4.0	270	515	1082	34.0	8	8	60	3 Phase
12.0-18.0	RAC15HL	▲	4.0	270	515	1592	51.0	8	8	61	3 Phase
16.0-24.0	RAC20HL	▲	4.0	270	515	2102	68.0	8	8	62	3 Phase

Note: For cable sizes, see page 43.

COMMERCIAL FAN HEATERS

CH06CSiRX - CH15iRX

Commercial fan heaters

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.



- Compatible with CRXSL wireless 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.
- 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 phase or single/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/3 phase supply models except CH15i which is 3 phase only
- 2 automatic fan speeds, 3 heat settings
- Maximum heat throw – 11 metres

Model No.	kW	Height x Depth x Width (mm)	Weight (kg)	Optimum Mounting Height (m)	Max. dBA	Single phase, single/3 phase or 3 phase	Automatic Fan Speeds*	Heat Settings*
CH06CSiRX	6	272 x 338 x 332	11.5	2.5 - 3.0	52	single phase	2	2
CH06CPiRX	6	272 x 338 x 332	11.5	2.5 - 3.0	52	single/3 phase	2	2
CH09iRX	9	300 x 390 x 360	14	2.5 - 4.0	59	single/3 phase	2	3
CH12iRX	12	300 x 390 x 360	14	2.5 - 4.0	59	single/3 phase	2	3
CH15iRX	15	300 x 390 x 360	14	2.5 - 4.0	59	3 phase	2	3

*Only available in manual mode.

Note: Wireless controllers to be purchased separately.

RADIANT HEATERS

HE8515SL • HE8530SL

Wireless controlled Ceramiczone radiant heaters



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.



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

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

* Must be angled down at 45°

Note: Wireless controllers to be purchased separately.

HE6351SL • HE6343SL

Wireless controlled Twinzone radiant heaters

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.



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

Model No.	kW	Height x Depth x Width (mm)	Weight (kg)	Mounting Height (m)			
				Horizontally suspended		Wall mounted angled	
				min	max	min	max
HE6351SL	1.5	57 x 162 x 660	1.0	2.5	3.6	2.3	3.6
HE6343SL	3	57 x 162 x 1170	1.8	3.0	4.8	2.3	4.6

Note: 300mm clearance from ceiling required.

Note: Wireless controllers to be purchased separately.

HE6502SL • HE6503SL

Wireless controlled Sunzone radiant heaters

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



- Compatible with run-back timers and advanced single-zone controllers.
- 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.	kW	Height x Depth x Width (mm)	Weight (kg)	Optimum Mounting Height (m)	
				min	max
HE6502SL	2	86 x 56 x 1310	1.8	2.1	3.0
HE6503SL	3	86 x 56 x 1720	2.6	2.1	3.7

Note: 100mm clearance from adjacent wall or ceiling required.
Wireless controllers to be purchased separately.

HE7915 - HE7945

Quartzzone halogen radiant heaters

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.



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

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

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

QZWP15N - QZWP45N

IP55 Waterproof Quartzzone heaters

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



- 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.

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.

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

QSC3 • QSC6

Softstart controls

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

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



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

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

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.

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.

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

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



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

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

PORTABLE FAN HEATERS

PFH15T

1.5kW/110V Fanfair portable fan heater

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

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

SANITARY INCINERATOR

HE6820

Sanfire sanitary incinerator

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

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



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

Model No.	Height x Depth x Width (mm)	Weight (kg)
HE6820	397 x 173 x 203	6.6

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

RUN-BACK TIME CONTROL & THERMOSTAT

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

	SLPB	SLVT	SLVTB	SLPIR	SLPBWP
FEATURES	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	✓	✓	✓	✓	✓
Operate multiple SL heaters	✓	✓	✓	✓	✓
Mains-powered	✓	✓		✓	✓
Battery-powered			✓		
Choice of time periods (mins)	5, 15 or 30	5, 15 or 30	5, 15 or 30	5, 15, 30 or 60	
Full heating period (mins)	20, 60 or 120	20, 60 or 120	20, 60 or 120	20, 60, 120 or 240	15, 30 or 60
Adjustable thermostat		✓	✓		
Operating modes	3	2	2		3
Comfort temperatures					
• Comfort heat setting	15°C to 35°C	15°C to 35°C	15°C to 35°C	15°C to 35°C	15°C to 35°C
Setback temperatures					
• Frost protection	✓	✓	✓	✓	✓
• Maintain minimum room temperature	0°C to 15°C	0°C to 15°C	0°C to 15°C	0°C to 15°C	0°C to 15°C
Fits onto most types of standard single gang boxes	✓	✓	✓	✓	

RUN-BACK TIMER FUNCTION WITH SL CONTROLLERS

4-stage run-back timer function: SLPB, SLVT & SLVTB

There is a choice of three time segments: 5, 15 or 30 minutes. When the main control button is pressed four times, the run-back time period is set to the maximum minutes of 20, 60 or 120.

Time segments (minutes)	Button press x 1	Button press x 2	Button press x 3	Button press x 4
	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

SLPIR Timer Mode with time period segments:

The SLPIR controller is a motion activated run-back timer which activates a full heating period when a movement is detected.

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:

The SLPBWP is a waterproof run-back timer. It has a control button to activate a full heating period and heating remains active until the run-back timer expires.

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

SLPB

Run-back timer & thermostat



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

Model No.	SLPB
Height x Depth x Width (mm)	86 x 26 x 85

* Power adapter not supplied

SLVT

Run-back timer & adjustable thermostat

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.



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

Model No.	SLVT
Height x Depth x Width (mm)	86 x 26 x 85

* Power adapter not supplied

SLVTB

Battery-powered run-back timer & adjustable thermostat

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



- Powered by 2 'AAA' 1.5V batteries.
- 2 operating modes: Temperature and Timer Control, and Temperature Control
- 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.

Model No.	SLVTB
Height x Depth x Width (mm)	86 x 26 x 85

SLPBWP

Waterproof run-back timer & thermostat



The SLPBWP controller is IP65 rated which makes it ideal for outdoors, bathrooms and other wet areas.



- IP65 rated.
- 3 operating modes: Basic, Timer and Temperature control
- Light indicator around the button to show the status of the controller.
- External input available to connect to any voltage free contact such as timers or BMS.
- Can be powered by either mains 240V or 12VDC which allows SELV (Separated Extra Low Voltage) installation.*

Model No.	SLPBWP
Height x Depth x Width (mm)	81 x 57 x 83

* Power adapter not supplied

SLPIR

Motion activated run-back timer

The SLPIR provides convenience for its users as heating remains active as long as users move within the motion sensor range.

When a movement is detected, all the indicator segments will light up and heating is activated for a set period of time. If no movement is detected by a predetermined time, the heater is either switched off or the temperature can be held at a lower background level.



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

Model No.	SLPIR
Height x Depth x Width (mm)	86 x 26 x 85

* Power adapter not supplied

ADVANCED CONTROLLERS

The CRXSL, SLTI, LC, MRX1 and MLC controllers are our advanced wireless controllers which are designed to control heating more efficiently. They provide a very stable and accurate temperature control, thus improving energy and costs savings. All controllers offer up to 6 heat settings per day, 7 days a week. The LC controller can only be used in conjunction with the MLC Master Landlord controller which provides the programming and energy saving features.

1. Single zone control

The CRXSL, SLTI and LC controllers are single zone wireless controllers which are compatible with Consort's RX and SL heaters, and can control one or more heaters in an area or room at the same time. They are simple to install and easy to operate.

With the CRXSL, users have a choice of wall-mounting the modern design controller or to use the supplied table top stand to place it anywhere in a room or area. The SLTI and LC are wall-mounted only, however, the SLTI is designed to fit onto most single gang box which may fit better in some wiring installations.

2. Multizone control

The MRX1 Multizone controller is a central control unit which allows a home or commercial property owner to separately control temperatures of up to 8 heating zones. The MRX1 is compatible with the CRXSL, SLTI and Electronic 7-day timer heaters with RF receiver.

3. Landlord control

The MLC Master Landlord controller is a central control unit which controls the temperature of all heaters in a building via LC controllers. The MLC can control any number of LC controllers depending on the building construction.

Energy saving features for advanced controllers

	CRXSL	SLTI	LC	MRX1	MLC
6 temperature programmes per day	✓	✓	✓	✓	✓
7-day heating programmes per week	✓	✓	✓	✓	✓
Fan only mode for RX fan heaters	✓				
Maintains temperature within 0.5°C	✓		✓	✓	✓
Set temperature in 0.5 degrees increments	✓		✓	✓	✓

1. SINGLE ZONE CONTROL

FEATURES	CRXSL	SLTI	LC*
Compatible with RX heaters	✓	✓	✓
Compatible with SL heaters	✓	✓	✓
Mains-powered	✓	✓	✓
Battery-powered	✓		✓
Operating modes	5	4	3
Comfort and setback temperature settings	✓	✓	✓
Open window detection	✓	✓	✓
Copy day function	✓	✓	
Electronic child lock	✓	✓	
Wall-mounted	✓	✓	✓
Table top stand	✓		
Fits onto most standard single gang box		✓	

*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 39.

2. MULTIZONE CONTROL

Central control with MRX1

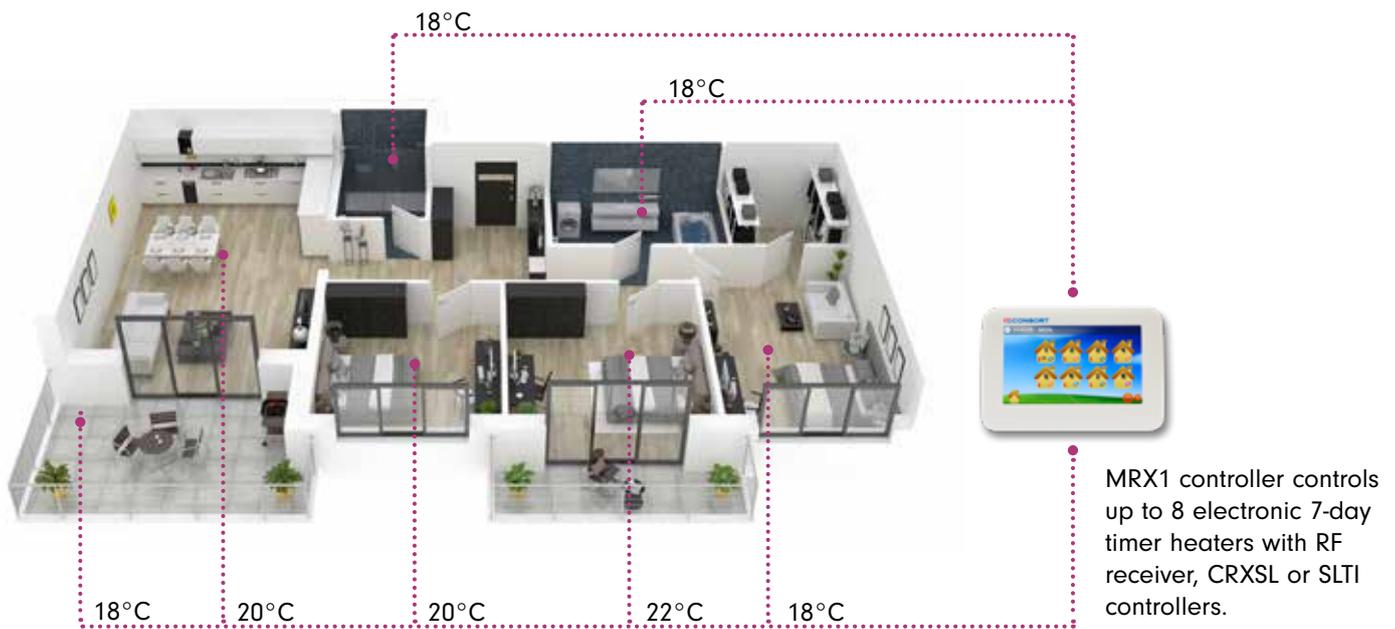
The MRX1 controller can control up to 8 heating zones. Compatible with CRXSL and SLTI controllers, and electronic 7-day timer heaters with an RF receiver.

Individual or group zone programming

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

Great energy and cost saving

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



MRX1

Multizone controller

The MRX1 is a central control unit for a maximum of 8 heating zones. It has a stylish and sleek modern design with large backlit LCD colour display for easy reading. It also allows you to change the zone programme individually or as a group.



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

Model No.	MRX1
Height x Depth x Width (mm)	90 x 53 x 130

CRXSL

Advanced single zone wireless controller



- 5 different operating modes: Automatic, Manual temperature control, Boost, Setback and Fan only mode for RX fan heaters
- 15-minutes Boost feature providing maximum comfort quickly with temperature control.
- Large backlit LCD display for easy reading.
- Touch control.
- Option to limit min/max temperature.
- Temperature display of either Celsius or Fahrenheit.
- Supplied with a security wall bracket and table top stand.

Model No.	CRXSL
Height x Depth x Width (mm)	89 x 23 x 136

SLTI

Advanced single zone wireless controller



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

Model No.	SLTI
Height x Depth x Width (mm)	86 x 26 x 85

* Power adapter not supplied

E-RF

Electronic 7-day timer heaters with RF receiver

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

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

* Requires a separately purchased wireless controller.

3. LANDLORD CONTROL

Simplicity

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

Total control

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

Flexibility

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

Savings

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



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

MLC

Master landlord controller

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



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

Model No.	MLC
Height x Depth x Width (mm)	89 x 23 x 136

*Only limited by building construction.

LC

Advanced single zone landlord wireless controller

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



- 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.

Model No.	LC
Height x Depth x Width (mm)	89 x 23 x 136

RECEIVER UNITS & RANGE EXTENDER

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. The SLREC can be retrofitted to existing compatible heaters.



- 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.

Model No.	SLREC
Height x Depth x Width (mm)	82 x 57 x 80

* Requires a separately purchased wireless controller.

RXREC

Receiver unit - wireless 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.

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



- 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.

Model No.	RXREC
Height x Depth x Width (mm)	90 x 61 x 158

**Requires a separately purchased CRXSL controller.

RXREC matching products list

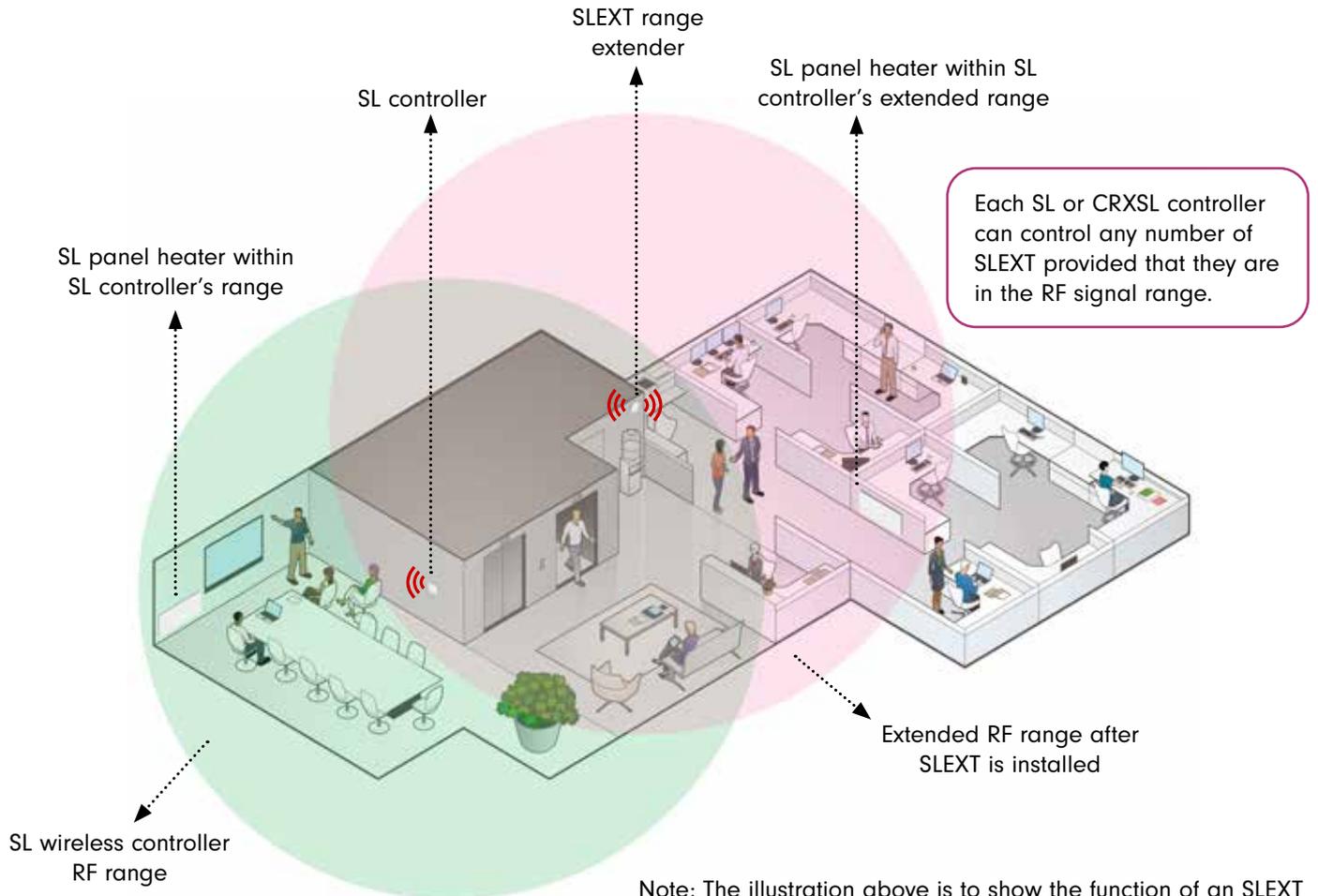
Model No.	Description	kW	Model No.	Description	kW
HE8326	Tall double door air curtain	6	CA1309S	Extra wide air curtain	9
HE7433	Tall double door air curtain	9	CA1312S	Extra wide air curtain	12
RAC1306	Recessed air curtain	6	CA1509S	Extra wide air curtain	9
RAC1309	Recessed air curtain	9	CA1512S	Extra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

SLEXT

Range extender

The SLEXT was 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. It is surface mountable and easy to install.

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.



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



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

Model No.	SLEXT
Height x Depth x Width (mm)	82 x 57 x 80

* Requires a separately purchased CRXSL or SL controller.

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		●
RAC10HL	8.0 - 12.0	RJ45			●
RAC15HL	12.0 - 18.0	RJ45			●
RAC20HL	16.0 - 24.0	RJ45			●
RAC0603	3.0	4+earth	1.5	●	
RAC0604	4.5	4+earth	2.5	●	
RAC1006	6.0	4+earth	4.0	●	
RAC1306	6.0	5+earth	0.5	●	●
RAC1309	9.0	5+earth	0.5	●	●
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.



DELIVERING
EXCELLENCE
THROUGH
INNOVATION

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



Product Specifications

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

Installation Guidance

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

Compliance

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

Safety & Care

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

The Consort 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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