

You've found the right place

everything you need to know about our heating solutions for student accommodation

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Why choose us?

Finding the right heaters that are affordable and efficient for student residences can be challenging for student accommodation providers or landlords. At Consort Claudgen, we have extensive experience and the right people to recommend you the best heating solution for a student accommodation.

Explore our electric heating solutions

Our heating sytems offer many potential savings in energy and cost through a variety of heaters and heating control options.

We have a range of heaters that are reliable and energy efficient, suitable for use in the halls of residence for students.

Our heating controls vary from the simplest controller, SLPB, to the advanced CRXSL, MRX1 Multizone and MLC Master Landlord which offer a variety of functionality to help reduce energy consumption and increase savings.

For a complete heating control remotely, we have designed Consort Connect app where users can control and monitor the heating consumption from their smartphone or tablet.

Be supported

Our Technical team are ready to recommend you the best heaters and heating controls suitable for the student accommodation. You can send us drawings or specifications of the building or rooms for us to create the heating schemes complete with heating calculations.

BIM objects



Look out for our heaters tagged with the NBS logo. These heaters have BIM objects ready to be used and can be downloaded from our website.

Warranty

All our products come with a one year warranty.



What do we recommend?

Wi-Fi enabled heaters with occupancy sensor

These heaters connect directly to Wi-Fi and can be controlled from either the integral electronic 7-day timer or via Consort Connect app which provides complete control remotely. With the app, users can configure settings of all connected heaters and view energy usage in the last day, week, month and year.

Landlord Control

The Landlord Control heating system is an advanced heating control system which provides an option of controlling heaters via a central unit. The Landlord Control heating system is ideal for student accommodation where a central control unit is required to control the temperature of all heaters in a building or rooms.

Multizone Control

The Multizone Control heating system is also an advanced heating control system which allows providers of student accommodation to separately control temperatures of up to 8 heating zones. The MRX1 Multizone controller is a control unit with a large touchscreen LCD colour display. It features Group Control that allows providers to set a preferred operating mode and temperature for all heating zones at the same time. A 7-day programme can be set separately for each zone and be duplicated across other zones, if required.

Run-back Time Control

This is a cost effective heating solution which combines our wireless controlled heaters with run-back time controllers, SLPB or SLVT. The run-back timer function allows a heating cycle to be operational only when the controller is activated.

Other heating solutions

We have also included other heating solutions which we find suitable such as the electronic 7-day timer heaters, DF2 downflow fan heaters and towel rails.



Wi-Fi controlled heating system

- 1. Electronic 7-day timer heaters with Wi-Fi and Occupancy Sensor ('MWIFI'), and Consort Connect app
- 2. SL heaters connected to Consort Connect app via SLPBWIFI wireless controller

There are two options available in this heating system.

- 1) Student accommodation providers can opt for 'MWIFI' heaters which connect directly to Wi-Fi and can be controlled from either the digital control panel on the heater or the Consort Connect app. These energy efficient heaters are designed with a self-learning control ability which uses in-built occupancy sensors to detect and learn a user's weekly presence in a room. It then creates a heating schedule and automatically warms the room according to the detected or predicted occupancy. When the room is unoccupied, the heater will conserve energy by switching to a setback temperature or frost protection mode.
- 2) Providers can connect Consort's SL heaters to the Consort Connect app via an SLPBWIFI wireless controller so that the heaters can be controlled remotely. The app will provide the programming and energy saving features, including Boost.

BENEFITS OF WI-FI HEATING SYSTEM



Building owners or operators have complete control via Consort Connect app on their smartphone/tablet.



No hub required as 'MWIFI' heaters connect directly to Wi-Fi.



All SL Consort heaters can be controlled by the app via SLPBWIFI* wireless controller.



Self-learning control ability utilising occupancy and temperature sensors.



View energy usage of all connected heaters in the last day, week, month and year.



4 modes - Frost, Automatic, Manual and Boost.

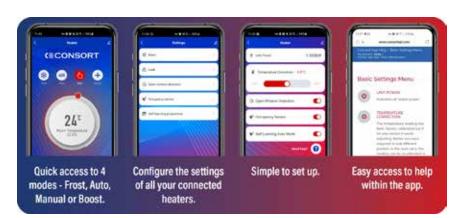


Open window tracking and response capability.





CONSORT CONNECT APP





- Complete heating control remotely via smartphone or tablet.
- App is free and can be downloaded from Google Play or Apple Store.
- Controls Consort's Wi-Fi enabled heaters and SL heaters connected to an SLPBWIFI wireless controller.
- Gives quick access to four operating modes.
- Provides a 7-day timer with twenty-four heating periods per day.
- Easy to set up.
- Users can configure the settings of all connected heaters on the app.
- Able to view the energy consumption statistics.
- Lock function.
- · Open window tracking and response capability.
- Custom automations.

Self-learning control ability

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



PLE-MWIFI PANEL HEATER WITH WI-FI & OCCUPANCY SENSOR





Model No.	kW	H x D x W (mm)	Weight (kg)
PLE050MWIFI	0.5	430 x 93 x 442	4.0
PLE075MWIFI	0.75	430 x 93 x 442	4.0
PLE100MWIFI	1	430 x 93 x 614	5.0
PLE125MWIFI	1.25	430 x 93 x 720	6.0
PLE150MWIFI	1.5	430 x 93 x 720	6.0
PLE200MWIFI	2	430 x 93 x 852	6.5

- 0.5kW, 0.75kW, 1kW, 1.25kW, 1.5kW or 2kW rating.
- Can be controlled from digital control panel on the heater or via Consort Connect app on smartphone or tablet.
- 7-day timer with 24 heating periods per day.
- With in-built occupancy sensors.
- Self-learning control ability utilising occupancy and temperature sensors.
- · Ability to view energy consumption statistics.
- Open window tracking and response capability.
- · Copy day function.
- Create scenes and time/location based automations.
- 4 operating modes: Programme, Boost, Setback & Manual.
- Boost option for up to 4 hours in 15-minutes steps.
- Comfort heat setting between 15°C to 35°C.
- Setback temperatures can be used for frost protection or maintaining a minimum room temperature between 4°C to 15°C.
- · Maintains temperature within 0.7 degrees.



- Easy operation.
- Lock function with 4-digit pin code to prevent accidental or purposeful changes to settings.
- Slimline and clean design.
- Strengthened grilles to increase durability.
- · Very quiet operation.
- Concealed digital controls on heater.
- Digital control panel has easy-to-read display and 4 large control buttons with tactile feedback.
- Splash proof to IP24 for use in bathrooms and other damp areas.
- Hinged wall mounting system for easy installation and decorating.
- Optional control panel locking kit (PLK1).
- Automatic safety cut-out.
- Fitted with 1m of supply cable.
- · Finished in white.



Landlord Control heating system

1. Wireless controlled panel heater with MLC & LC controllers

The Landlord Control heating system consists of an MLC controller and one or more LC controllers connected to the wireless controlled panel heaters.

The MLC can control any number of LC controllers depending on the building construction. It is ideal for student accommodation where a central control unit is required to control the temperature of all heaters in a building or rooms.

Total Control

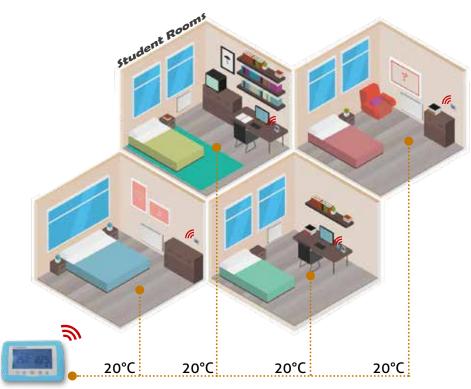
The MLC sets the same 7-day programme and time for all LC controllers.

Flexibility

Students 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 building owners or operators 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.

ENERGY SAVING FEATURES	MLC Master Landlord Controller
6 temperature programmes per day	✓
7-day heating programmes per week	✓
Maintains temperature within 0.5 °C	✓
Set temperature in 0.5 degrees increments	✓

QUICK FEATURE GUIDE	LC Landlord Controller*
Compatible with RX heaters	✓
Compatible with SL heaters	✓
Mains-powered	✓
Battery-powered	✓
Operating modes	3
Comfort and setback temperature settings	✓
Open window detection	✓
Wall-mounted	✓

^{*}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 8.

MLC - MASTER LANDLORD CONTROLLER



- · 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
H x D x W (mm)	89 x 23 x 136

*Only limited by building construction.

LC - LANDLORD CONTROLLER



- 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
H x D x W (mm)	89 x 23 x 136

PSL PANEL HEATER - WIRELESS CONTROLLED





- Compatible with LC wireless controllers.
- · 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 1m of supply cable.
- Finished in white.

Model No.	kW	H x D x W (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

Note: Wireless controllers to be purchased separately.



Multizone Control heating system

- 1. Wireless controlled panel heater with SLTI or CRXSL controller, & MRX1 Multizone controller
- 2. E-heaters with RF receiver with MRX1 Multizone controller

The Multizone Control heating system offers 'zoning' of your electric heating system. It consists of a central controller, MRX1, which controls up to 8 heating zones via electronic 7-day timer heaters with an RF receiver, CRXSL or SLTI controllers.



Central Control with MRX1

A central control unit ideal for building owners or operators to separately control temperatures of up to 8 heating zones.

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 & Cost Saving

With extensive heat control options and energy saving features, the MRX1 controller provides great energy and cost saving making it ideal for student accommodation.



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

QUICK FEATURE GUIDE	CRXSL	SLTI
Compatible with RX heaters	✓	✓
Compatible with SL heaters	✓	✓
Mains-powered	✓	✓
Battery-powered	✓	
Operating modes	5	4
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		✓

MRX1 - MULTIZONE CONTROLLER



- 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
H x D x W (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.
- 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
H x D x W (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
H x D x W (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.

PSL PANEL HEATER - WIRELESS CONTROLLED





- Compatible with CRXSL and SLTI wireless controllers.
- 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 1m of supply cable.
- · Finished in white.

Model No.	kW	H x D x W (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

Note: Wireless controllers to be purchased separately.

Run-back Time Control heating system

Wireless controlled panel heater with SLPB or SLVT controller

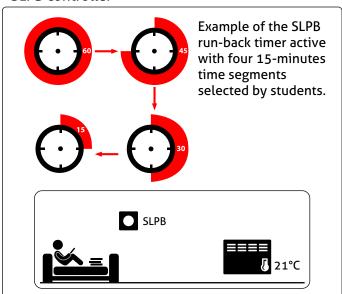
The run-back time control heating system is a simple yet effective heating solution for student accommodation. It is designed to be energy and cost efficient. The SLPB and SLVT controllers are easy to install and set up, and can operate multiple SL heaters.

Each SL controller is designed with functionalities aimed at restricting excessive energy consumption and improving heating efficiency. The controllers have easy-to-use control buttons and will fit onto most standard one gang box. They are mains 240V or 12VDC powered.

The run-back timer function in the SLPB and SLVT controllers allows the heating to be active for a time period selected by students. Heating period will stay active until the run-back timer expires.

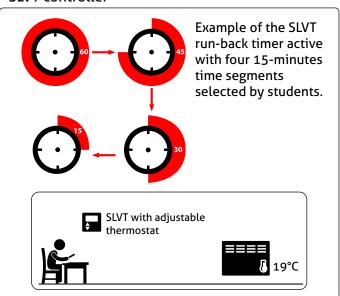
With the SLVT, students are able to adjust the temperature below the maximum comfort temperature set by the building owners or operators.

SLPB controller



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

SLVT controller



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

RUN-BACK TIMER FUNCTION WITH SL CONTROLLERS

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

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.

	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	SLVT
QUICK FEATURE GUIDE	Run-back timer and thermostat	Run-back timer and adjustable thermostat
Compatible with SL heaters	✓	✓
Operate multiple SL heaters	✓	✓
Mains-powered	✓	✓
Choice of time periods (mins)	5, 15 or 30	5, 15 or 30
Full heating period (mins)	20, 60 or 120	20, 60 or 120
Adjustable thermostat		✓
Operating modes	3	2
Comfort temperatures		
Comfort heat setting	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
Fits onto most types of standard single gang boxes	✓	✓

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	
H x D x W (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	
H x D x W (mm)	86 x 26 x 85	

* Power adapter not supplied

PSL PANEL HEATER - WIRELESS CONTROLLED





- Compatible with SLPB and SLVT wireless controllers.
- 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 1m of supply cable.
- · Finished in white.

Model No.	kW	H x D x W (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

Note: Wireless controllers to be purchased separately.

Other recommended heating solutions

• Electronic 7-day timer heater with PLK1 locking device

Our electronic 7-day timer heaters range is a popular choice for those who demand stylish and efficient heaters with a programmable 7-day timer and thermostat. This range is suitable for many applications such as bedrooms and kitchens in a student accommodation. The PLK1 locking device can be used to prevent tampering with the heating control on the heater.

PLE - PANEL HEATER WITH ELECTRONIC 7-DAY TIMER





- 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 1m of supply cable.
- · Finished in white or stainless steel.

Model No.	kW	H x D x W (mm)	Weight (kg)
PLE050	0.5	430 x 93 x 442	4.0
PLE075	0.75	430 x 93 x 442	4.0
PLE100	1	430 x 93 x 614	5.0
PLE125	1.25	430 x 93 x 720	6.0
PLE150	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.



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

• DF2 Downflow fan heaters with pull-cord switch

The pull-cord operation is simple to operate. 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 cord again. These downflow fan heaters are ideal for kitchen and bathrooms.

DF2 - DOWNFLOW FAN HEATER WITH PULL-CORD SWITCH





- 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
H x D x W (mm)	244 x 124 x 252
Weight (kg)	1.5

TRJ Toweldry towel rail

The towel rails are ideal for use in bathrooms, kitchens and laundries. They deliver the luxury of warm, dry towels - all day, every day, economically and safely.

TRJ - TOWELDRY TOWEL RAILS



- 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.

Model No.	TRJ40	TRJ60	TRJ80
Rating (kW)	0.040	0.060	0.080
H x D x W (mm)	415 x 86 x 465	665 x 86 x 495	875 x 86 x 540
Weight (kg)	1.5	1.9	2.6
Finish	White	White	White

Heating Scheme

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, email our Technical Support at technical@consortepl.com. Please submit drawings, if possible, to further illustrate your project requirement.



EXCELLENCE THROUGH INNOVATION

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