CONSORT

Your trusted electric heating partner

HEAT SOLUTIONS

For domestic, commercial & industrial environments

ISSUE 32



Consort designs and manufactures dependable electric heating, trusted by wholesalers, specifiers and installers for generations - reliable products, knowledgeable people, and support that stands beside you.

Together we CONSORT it

WIDE PRODUCT CHOICE

A comprehensive range of high-quality electric heating products.

SMART CONTROL OPTIONS

WiFi, app and thermostat solutions for comfort and efficiency.

SPECIFICATION SUPPORT

Expert advice and technical resources to support every project.

TRUSTED SERVICE AND SUPPORT

Long-term availability, spare parts and expert support you can depend on.

CONSORT
Your trusted electric heating partner

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Discover the latest additions to the Consort range

Haven Panel Heaters

HAV050 | HAV100 | HAV150 | HAV200



The Haven panel heater offers comfortable, controllable heating for domestic and commercial spaces. Using the same core controls as the PLE range, its top-access control panel removes the need for a separate PLK1 locking kit with locking function.

Explore the range on page 8.

Ladder Towel Rails

Standard | WiFi | Low Surface Temperature



A new range of ladder towel rails combining practical bathroom heating with a choice of standard, WiFi-enabled and Low Surface Temperature models. Available in chrome or anthracite finishes.

Explore the range on page 15.

Infrared Radiant Heaters

IRH10 | IRH20



Slim, zero-light infrared radiant heaters delivering gentle, even warmth for indoor and sheltered outdoor spaces. Available in 1kW and 2kW models with flexible wall or ceiling mounting.

Explore the range on page 17.

Commercial Radiant Heaters

CRH60 | CRH120 | CRH180



Powerful shortwave infrared heating designed for large, high-ceiling commercial and industrial spaces. Its robust, weather-protected construction makes it suitable for demanding applications.

Explore the range on page 18.

Portable Commercial Heaters

PCH03 | PCH09 | PCH15



Powerful 6kW shortwave infrared heating designed for large, high-ceiling commercial and industrial spaces. Its robust, weather-protected construction makes it suitable for demanding applications.

Explore the range on page 26.

Connect App

Control your heating wherever you are.

The Connect app puts you in control, making it easy to manage your heating, monitor energy use and create a more comfortable, efficient space.



CONTROL REMOTELY

Adjust your heating from anywhere using your smartphone or tablet.

MONITOR ENERGY USE

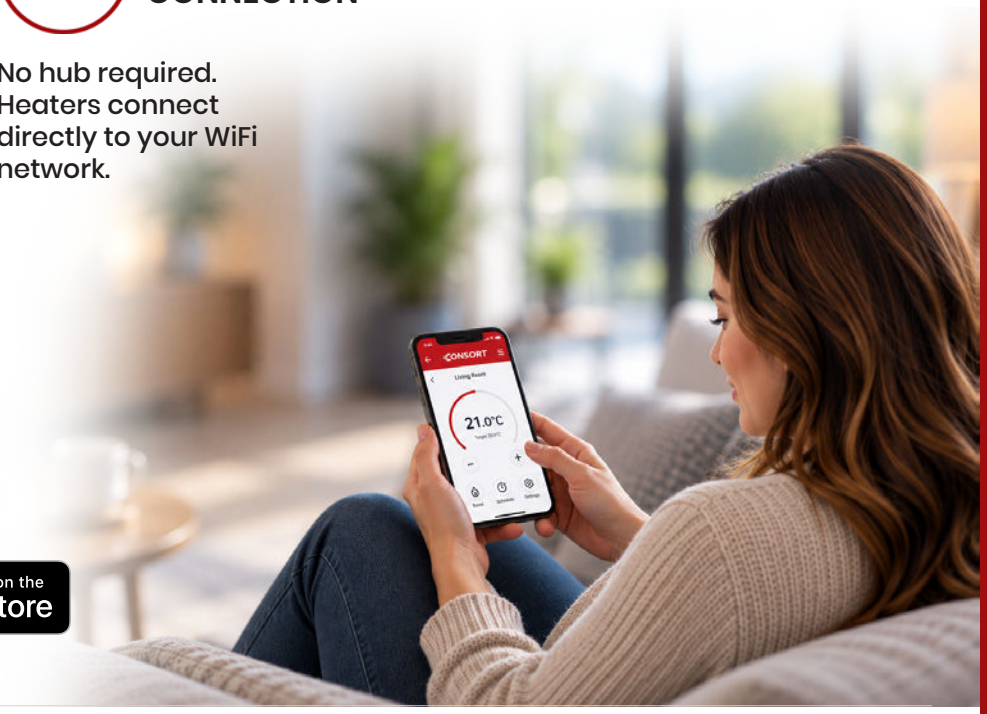
Keep track of consumption and take control of your running costs.

OCCUPANCY SENSING

Heaters can learn your routine to save energy when spaces are unoccupied.

DIRECT WIFI CONNECTION

No hub required. Heaters connect directly to your WiFi network.



GET IT ON Google Play

Download on the App Store

Search for **Consort Connect**

High-quality electric heating solutions designed for comfort, efficiency and reliability in every space.

CONSORT
Your trusted electric heating partner

WiFi Panel Heaters



Connected heating designed for comfort and efficiency.

Our WiFi heaters combine sleek, contemporary design with smart control features to give you complete flexibility, lower energy use and greater comfort.

Smart control
Control via the Connect app

Energy efficient
Helps reduce running costs

Flexible options
Models to suit difference spaces

IP24 rated
Build to last with IP24 splash-proof protection

PLE-WIFI / PLE-MWIFI
Compact, stylish and intelligent heating for everyday spaces.

PLE-WIFI PLE-MWIFI



- Open window tracking and response capability
- Ability to view energy consumption statistics
- 4 operating modes: Programme, Boost, Setback & Manual
- MWIFI models include built-in occupancy sensors

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight
PLE050(M)WIFI	0.5	430	93	442	4
PLE075(M)WIFI	0.75	430	93	442	4
PLE100(M)WIFI	1	430	93	614	5
PLE125(M)WIFI	1.25	430	93	720	6
PLE150(M)WIFI	1.5	430	93	720	6
PLE200(M)WIFI	2	430	93	852	6.5

PLSTiE-WIFI

Low surface temperature heaters. Ideal for schools and healthcare facilities.



- The fan adjusts its speed based on heat output and room temperature to ensure correct airflow temperature
- Safety monitoring system helps prevent high surface temperatures
- Stylish fold away controls

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA
PLSTi050EWIFI	0.5	430	93	506	4.5	30
PLSTi075EWIFI	0.75	430	93	506	4.5	30
PLSTi100EWIFI	1	430	93	640	6	31
PLSTi150EWIFI	1.5	430	93	892	8	33

Note: dBA readings are taken 3 metres from the heater and at ambient temperature of 20°C.

LSTE-WIFI / LSTE-MWIFI

Low surface temperature heaters. Ideal for schools and healthcare facilities.

LSTE-WIFI LSTE-MWIFI



- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidelines Notes
- Ability to view energy consumption statistics
- Copy day function
- MWIFI models include built-in occupancy sensors

Dimensions (mm) & weight (kg)

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

HAVEN

Panel Heaters



Modern design. Intelligent everyday heating.

The Haven panel heater combines a clean, contemporary design with proven electronic heating controls.

Designed for everyday comfort across domestic and commercial spaces, it provides silent , programmable heating with straightforward operation.

7-day timer
6 heating periods per day for flexible control

Energy efficient
Helps reduce running costs

Open window detection
Automatically reduces heating when a window is opened

Easy installation
Full-length wall bracket supplied

HAVEN
Contemporary panel heater with flexible control for everyday spaces.

NEW



- Cell battery to backup real time clock
- 4 operating modes: Programme, Boost, Setback & Manual to IP24
- Silent operation

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width
HAV050	0.5	450	112	414
HAV100	1	450	112	564
HAV150	1.5	450	112	714
HAV200	2	450	112	864

Panel Heaters

PLE
Simple, reliable heating with straightforward control.



- Cell battery to backup real time clock
- Stylish fold-away controls
- Easy manual, boost and setback control
- Electronic child lock

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight
PLE050	0.5	430	93	442	4
PLE075	0.75	430	93	442	4
PLE100	1	430	93	614	5
PLE125	1.25	430	93	720	6
PLE150	1.5	430	93	720	6
PLE200(SS)	2	430	93	852	6.5

Note: (SS) denotes optional stainless steel finish.

PSL
Wireless controlled panel heaters.



- Silent operation
- Compatible with any Consort wireless controller
- Separately purchased controller can control any number of heaters in signal range

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight
PSL050	0.5	430	93	442	4
PSL075	0.75	430	93	442	4
PSL100	1	430	93	614	5
PSL125	1.25	430	93	720	6
PSL150	1.5	430	93	720	6
PSL200	2	430	93	852	6.5

Low Surface Temperature (LST) Heaters



Safe, efficient heating for demanding environments.

Our low surface temperature heaters are designed to comply with NHS Estates Health Guidance Notes which stipulate a maximum surface temperature of 43°C, making them ideal for environments where additional safety is required.

43°C maximum
Low surface temperature for safer heating*

NHS guidance
Complies with NHS Estates Health Guidance Notes

Care environments
Ideal for healthcare, education and care settings

Flexible controls
Integral, wireless or WiFi options on selected models

* For towel rails, the 43°C maximum applies when uncovered.

The LST Range

A choice of low surface temperature heaters to suit different spaces and control actions.



PLSTiE
Electronic 7-day timer with open window detection.



LSTE
0.5kW & 0.8kW Electronic 7-day timer control.



PLSTiSL
Wireless controlled heater & splashproof to IP24.



LST Ladder Towel Rail
Designed for bathrooms and washrooms.



CN2MLSTiE
2kW Electronic 7-day timer control.



CSL(M)LST
1kW & 2kW with optional mesh grille for added protection.



CN1MLSTFS
1kW free standing heater.



TRF30
Ideal for bathrooms, kitchens and laundries.

Typical Applications



Care homes



Hospitals & healthcare facilities



Schools & education



Corridors & communal areas



Offices & public buildings

PLSTiE

Electronic 7-day timer with open window detection.



- Intelligent fan control and efficient EC motor for quiet, comfortable heating
- Safety monitoring helps prevent excessive surface temperatures
- Concealed digital controls with electronic child lock

Dimensions (mm) & weight (kg)

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

Note: 'SS' denotes stainless steel finish. dBA readings are taken 3 metres from the heater and at ambient temperature of 20°C.

LSTE

Silent operation.



- 7-day timer with six heating periods per day and open window detection
- Concealed digital controls with an electronic lock to prevent tampering
- IP24 splash protection for bathrooms and other damp areas

Dimensions (mm) & weight (kg)

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

PLSTiSL

Wireless controlled LST heater.



- Intelligent fan control and efficient EC motor for quiet, comfortable heating
- Safety monitoring helps prevent excessive surface temperatures
- Slimline design with IP24 splash protection

Dimensions (mm) & weight (kg)

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

*dBA readings are taken 3m from the heater at 20°C ambient temperature.

Ladder Towel Rail

Low surface temperature ladder towel rail.

NEW



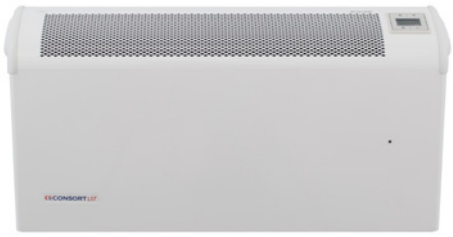
- WiFi control via the Consort Connect app or integral control panel
- Thermostatic and timing modes with an electronic display
- IPX4 rated, with chrome or anthracite finishes

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight	Finish
LTR200LSTCH	0.2	800	75-100	500	9	Chrome
LTR200LSTAN	0.2	800	75-100	500	9	Anthracite
LTR400LSTCH	0.4	1200	75-100	500	13	Chrome
LTR400LSTAN	0.4	1200	75-100	500	13	Anthracite

CN2MLSTiE

Electronic control with monitoring system.



- Intelligent fan control and efficient EC motor for quiet, comfortable heating
- 7-day timer with six heating periods per day and open window detection
- Protective mesh grille and electronic child lock

Dimensions (mm) & weight (kg)

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

*dBA readings are taken 3m from the heater at 20°C ambient temperature.

CSL(M)LST

LST fan heaters with wireless control.



- Quiet fan-assisted heating
- Automatic safety cut-out and LED indicator
- Protective mesh grille on 'M' models helps prevent objects being dropped into the heater

Note: Wireless controllers to be purchased separately.

Dimensions (mm) & weight (kg)

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

CN1MLSTFS

Free standing fan assisted LST heater.



- Freestanding design with feet, cable and plug supplied
- Variable thermostat with frost protection and a fan-only setting
- Tilt switch turns the heater off if knocked over

Dimensions (mm) & weight (kg)

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

TRF30

LST toweldry towel rail.



- Low-power 30W towel warming
- Adjustable wall brackets for easy installation
- Double-insulated Class II construction with IP24 protection

Dimensions (mm) & weight (kg)

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

BATHROOM HEATING

Ladder Towel Rails



Stylish warmth.
A choice of control.

Two outputs
200W and 400W

Two finishes
Chrome and anthracite

IPX4 rated
Splash protection

Control options
With or without integral control panel

With thermostat & WiFi capability
Control from the integral panel or the free Connect app.

NEW

- 7-day timer with 24 heating periods per day with Consort Connect app
- Four operating modes - Dryer, Temp, Heat & Programme
- 4 hours timer is set on all modes except for Programme

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight	Finish
LTR200ECH	0.2	800	75-100	500	9	Chrome
LTR200EAN	0.2	800	75-100	500	9	Anthracite
LTR400ECH	0.4	1200	75-100	500	13	Chrome
LTR400EAN	0.4	1200	75-100	500	13	Anthracite

Without integral controls
A choice of 200W & 400W ladder towel rails in two finishes.

NEW

- No integral control - supplied without a built-in thermostat or timer
- Two heights - 800mm on 200W models; 1200mm on 400W models
- Consistent width - all models are 500mm wide

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight	Finish
LTR200CH	0.2	800	75-100	500	9	Chrome
LTR200AN	0.2	800	75-100	500	9	Anthracite
LTR400CH	0.4	1200	75-100	500	13	Chrome
LTR400AN	0.4	1200	75-100	500	13	Anthracite

Electric Towel Rails

Practical warmth for bathrooms and wet areas.



TRJ
Electric towel rails.

TRJ40



TRJ60



TRJ80



- Adjustable wall brackets
- IP24 rated
- Double insulated Class II appliance

Dimensions (mm) & weight (kg)

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

VERVE

Infrared Radiant Heaters



Comfortable warmth. No visible glow.

Long-wave radiant heating for indoor and sheltered outdoor spaces, with a slim profile and a choice of wireless controls.

Zero-light heating
Warmth without visible light

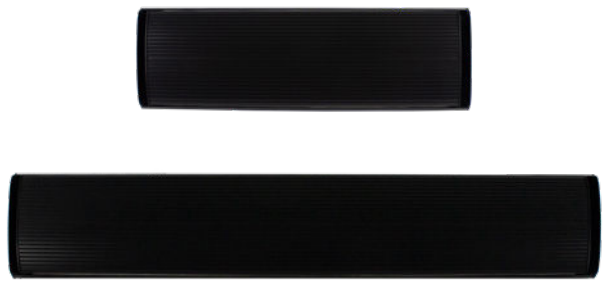
Energy efficient
Helps reduce running costs

Flexible mounting
Wall or ceiling with adjustable bracket

IPX4 rated
Indoor and sheltered outdoor use

IRH10 / IRH20
A choice of 1kW and 2kW long-wave infrared radiant heaters.

NEW



- Slim anodised aluminium body, just 60mm deep
- High-efficiency aluminium reflector helps distribute heat
- Supplied with SLEXT wired and compatible with any Consort wireless controller

Dimensions (mm)

Model No.	kW	Height	Depth	Width
IRH10	1	188	60	600
IRH20	2	188	60	1000

Commercial & Outdoor Radiant Heating



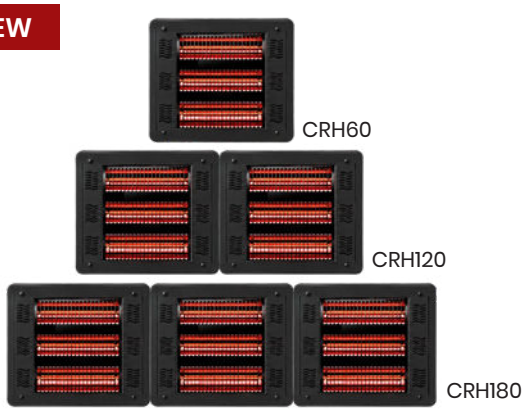
Targeted radiant heat for open spaces.

Our radiant heating range delivers direct, effective warmth for industrial, commercial and outdoor applications, providing targeted heat where it is needed.

CRH Commercial Radiant Heaters

High-output radiant heating for large, high-ceiling industrial and commercial spaces.

NEW



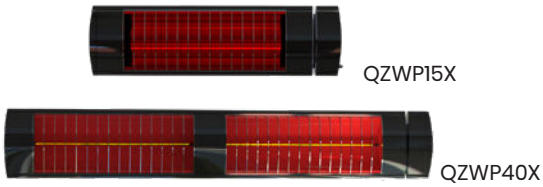
- Shortwave Golden Infrared technology for rapid radiant heat
- Robust construction
- IP67 protection
- Brackets are provided with 12 & 18 kW models

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight
CRH60	6	393	133	562	11.5
CRH120	12	393	133	1124	23
CRH180	18	393	133	1686	34.5

QZWP Quartz Radiant Heaters

Fast, targeted warmth for outdoor, semi-outdoor and indoor environments.



- Instant warmth
- IP67 protection
- Wall or ceiling mounting with an angular fixing bracket included

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight
QZWP15X	1.5	160	100	465	2
QZWP30X	3	160	100	820	3
QZWP40X	4	160	100	995	3.5

HE7930
Halogen radiant heater.



- Instant radiant heat
- Suitable for wall or ceiling mounting
- Angular and directional fixing bracket included

Dimensions (mm) & weight (kg) — **Recommended Mounting Height (m)**

Model No.	kW	Height	Depth	Width	Weight	No. of lamps	Wall mounted	Ceiling mounted
HE7930	3.0	435	120	450	5.9	2	3.0	3.6

QSC3 & QSC6
Softstart controls for quartz radiant heaters.



- Eliminates power-on surge
- Helps prolong quartz lamp life
- Receiver function enables optional wireless control
- Weatherproof for outdoor use - IP65 rated

Dimensions (mm)

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

UHA5 & UHA10
Frostfighters utility radiant heaters.

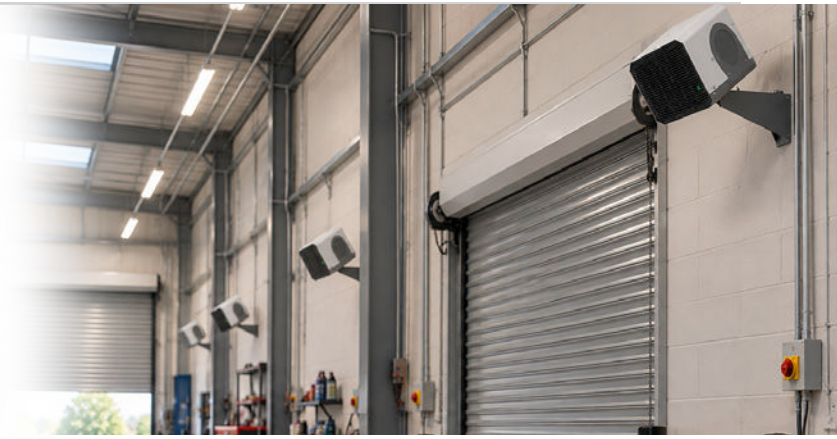


- Variable thermostat with frost protection setting
- Splash proof to IP24
- Portable or permanent vertical/horizontal mounting

Dimensions (mm) & weight (kg)

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

Commercial Fan Heaters



Provide fast, directional warmth with flexible control options for a range of commercial and industrial applications.

CFH3 Commercial Fan Heater

Compact 3kW heating for garages and workshops.



- Single phase heating
- Supplied with HRXSL wireless controller
- Multi-directional wall mounting (180° horizontal, 45° vertical)

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA
CFH3	3	400	230	250	1.8	41

CH-iRX Commercial Fan Heater

High-output for larger and industrial spaces.



- Single phase or 3 phase heating
- Intelligent fan control automatically adjusts fan speed to room temperature and heat output
- Heat throw of 11 metres

Dimensions (mm) & weight (kg)

Model No.	Single / 3 Phase	kW	Height	Depth	Width	dBA
CH06CSiRX	Single	6	272	338	332	59
CH06CPiRX	3 phase	6	272	338	332	59
CH09iRX	3 phase	9	272	338	332	59
CH12iRX	3 phase	12	272	338	332	59

CH Control Options

Choose from advanced wired control, flexible wireless options or full BMS integration.

1. CHMC
Commercial Heater Master Controller

Control up to 8 heaters
As a group or individually

7-day timer
2 to 4 heating periods per day

8 fan speeds, 8 fan speeds
Manual mode

WiFi-enabled
Control via Connect app



- Electronic lock
- Heater diagnostics and energy usage display
- Compatible with Building Management Systems (BMS)

Dimensions (mm) & weight (g)

Model No.	Height	Depth	Width	Weight
CHMC	86	53	146	145

2. Advanced Wireless Controllers
CRXSL or HRXSL

- CRXSL or HRXSL, see page 39
- Can control any number of heaters in wireless range
- 3 fan speeds, 3 heat settings in manual mode
- HRXSL digital stat can use temperature sensor in heater

3. BMS
Full integration via MODBUS RTU.

- Full heater functionality available through MODBUS RTU and wired CAT6 connection
- See CHiRX user instructions for details

CHMC extra functionality

CHES
Commercial Heater Environmental Sensor

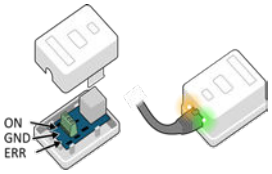


- Optional sensor
- Occupancy sensor - configurable in the CHMC
- Temperature sensor - can be used for temperature control of heaters

Dimensions (mm)

Model No.	Height	Depth	Width
CHMC	82	58	82

MCBMS
Commercial Heater Environmental Sensor



- Optional sensor
- Terminals for connecting a manual on/off or boost switch
- BMS reporting

Dimensions (mm)

Model No.	Height	Depth	Width
MCBMS	60	25	48

Ceiling Heaters

Discreet heating where wall and floor space is limited.



3–6kW outputs
Options for different heating requirements

Quiet operation
Suitable for occupied commercial spaces

Sealed heater box
For improved energy efficiency

Control options
RX and SL wireless controllers

Surface and Recessed Ceiling Heaters
Ideal to heat areas where wall and floor space is at a premium such as shops and offices.



Surface Ceiling Heaters

- Designed to be suspended
- Integral anchorage points

Recessed Ceiling Heaters

- Fits a standard 600x600mm suspended ceiling grid
- Discreet heating

Dimensions (mm) & weight (kg)

Model No.	Type	kW	Height	Width	Depth	Weight	dBA	Optimum ceiling height (m)
HE7237RX	Surface	3	188	595	595	13.5	46	3
HE7247RX	Surface	4.5	188	595	595	13.5	47	3.3
HE7267RX	Surface	6	188	595	595	16.5	48	3.6
HE7237SL	Surface	3	188	595	595	13.5	46	3
HE7230RX	Recessed	3	175	595	595	7.5	46	3
HE7245RX	Recessed	4.5	175	595	595	7.5	47	3.3
HE7260RX	Recessed	6	175	595	595	10.5	48	3.6
HE7230SL	Recessed	3	175	595	595	7.5	46	3

RX heaters are compatible with advanced wireless controllers; SL heaters are compatible with any Consort wireless controller.

RCT250SL
Wireless controlled radiant ceiling tile heater.

- Installs within a 600 × 600mm ceiling tile grid
- Insulated to reduce heat transfer to the ceiling
- Optimum mounting height: 2.5m

Dimensions (mm) & weight (kg)

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

Downflow Fan Heaters



Compact, powerful and controllable heat exactly where it's needed.

Quick heat-up
Fast, effective warmth

Energy efficient
Controlled heating when needed

Intelligent control options
Programmable and wireless options

Quiet operation
Suitable for occupied spaces

BFH2E
Metal bodied downflow fan heater.



- Durable metal bodied design
- 1kW or 2kW heat output (set by the user)
- 7-day programme with multiple temperature settings

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight
BFH2E	2	170	90	330	2

DF2E / DF2ESL
Downflow fan heaters.

DF2E DF2ESL



DF2E / DF2ESL

- 1kW or 2kW heat output (set by the user)
- 7-day programme with 6 temperature settings per day
- Compatible with any Consort wireless controller for DF2ESL*

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight
DF2E / DF2ESL	2	244	124	257	1.5

* Wireless controllers to be purchased separately.

Wall-mounted Fan Heaters



Reliable, versatile heating for commercial and domestic spaces.

7-day control
Programmable heating options

3kW heating
Across the range

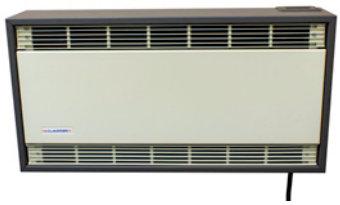
Quiet operation
Suitable for occupied spaces

WMH3E / HE6137E
Electronic 7-day timer.

WMH3E HE6137E



WMH3E



HE6137E

- 3kW rating
- 7-day programme with 6 heating periods per day
- Open window detection

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA
WMH3E	3	260	120	584	4.5	47
HE6137E	3	260	115	500	5.7	47

HE7010SL / HE7010RX
Wireless controlled high level fan heaters.



- 3kW rating
- Quiet and economical operation
- Fan only setting for air circulation (for RX model)

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA
HE7010SL / HE7010RX	3	210	115	485	4	44

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

Plinth Heaters

Discreet heating for kitchens and fitted furniture.



2kW & 3kW models
For different heating requirements

Energy efficient
Controlled heating when needed

Wireless control
Compatible with any Consort wireless controller

100mm minimum height
Designed for compact kick spaces

PHSL
Wireless controlled plinth heaters.



Black

Stainless Steel

White

- Hidden in the kick space beneath fitted furniture, counters and displays
- Suitable for both commercial and domestic environments
- LED indicator light with automatic safety cut-out

Model Numbers by Finish

Finish	2kW	3kW
Black	PHSL2BL	PHSL3BL
Stainless Steel	PHSL2S	PHSL3S
White	PHSL2W	PHSL3W

Dimensions (mm) and weight (kg)

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

Note: Wireless controllers to be purchased separately.

Portable Heaters

Designed for workshops, garages and other suitable commercial and industrial indoor environments.



PCH Portable Commercial Heaters
3kW, 9kW or 15kW models

NEW

- **3kW, 9kW or 15kW models** — Options across the range
- **Two heat settings** — Flexible heat output
- **Adjustable thermostat** — Automatic temperature control
- **Fan only mode** — For air circulation



PCH15

- Forced-air heating distributes warm air throughout the space
- 3kW single-phase model; 9kW and 15kW 3-phase models
- 4-position power selector for fan-only and heat output settings

Dimensions (mm) and weight (kg)

Model No.	kW	Height	Depth	Width	Weight
PCH03	3	370	290	300	5
PCH09	9	460	350	350	8
PCH15	15	860	520	500	17

PFH15T
1.5KW / 110V Fanfair portable fan heater.



- Robust steel body for durable everyday use
- Directed airflow for efficient spot heating
- Integral switches, fan-only mode and fitted cable

Dimensions (mm) and weight (kg)

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

Convector Heaters



Wireless-controlled heating designed for commercial applications.

Our convector heaters provide effective, reliable 2kW heating with wireless control and straightforward installation.

Wireless control
Compatible with Consort wireless controllers

2kW output
Effective convector heating for commercial applications

Virtually noiseless
Ideal for noise-sensitive environments.

Easy installation
Full-length wall bracket supplied

CSL2SC / CSL2SR

All wireless controllers are to be purchased separately.

CSL2SC CSL2SR



CSL2SR

CSL2SC

- Designed to reduce temperature rise above the heater
- Can be mounted as close as 300mm below trunking

CSL2SR

- Built-in heat deflector to reduce wall staining

Dimensions (mm) & weight (kg)

Model No.	kW	Height	Depth	Width	Weight
CSL2SC	2	360	130	590	3.9
CSL2SR	2	360	130	590	3.9

CG2N Convector Guard

Additional mechanical protection for wall-mounted convector heaters.



- Ideal where extra protection is required, including corridors, workshops and classrooms
- Provides additional mechanical protection
- Can be retrofitted

Dimensions (mm) & weight (kg)

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



Entrance Climate Control

Efficient air curtain solutions for retail, commercial and public entrances.

Air Curtains Overview & Controls

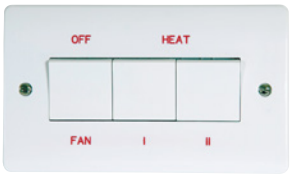
Air Curtains Range

- Surface & Suspended
  - Integral / external switch control
  - Wireless control
  - Extra wide
  - Large commercial
- Recessed
  - External switch control
  - Wireless control
  - Extra wide
  - Large commercial

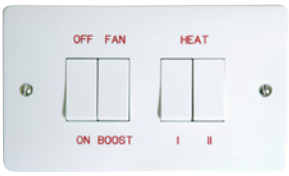
Air Curtains Control Options

- Non-wireless air curtains are supplied with at least integral or external mechanical switches
- Wireless air curtains require an Advanced Wireless Controller (not included)
- Large air curtains are supplied with an ACMC

Switch Control



HE8407



HE8408

- Simple wired control
- Alternative to ACMC on selected models
- Easy day-to-day operation

ACMC
Air curtain master controller



- Controls up to 7 air curtains grouped or individually
- 8 fan speeds and 8 heat settings
- Manual or fully automatic operation

Dimensions (mm)

Model No.	Height	Depth	Width
ACMC	86	53	146

ACTS
Air curtain temperature sensor



- External temperature sensor for use with ACMC
- Suitable for indoor or outdoor use
- Helps improve efficiency using external air temperature

Surface or Suspended Air Curtains



Available in four configurations.

Switch controlled, wireless controlled, extra wide and large commercial air curtains.

Single & 3 phase
Options across the range

Flexible mounting
Suspended and wall-mounted

Fan-only mode
For air circulation

Thermal overload protection
Automatic safety cut-out

HE7402 - HE7433
Single, double and tall double door

HE7402 HE7420 | HE8320 HE7426 | HE8326 HE7433

HE7402 • HE7420
Single door



HE8320 • HE7426
Double door



HE8326 • HE7433
Tall double door



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

Dimensions (mm) & Weight (kg):

Model No.	kW	Max Mounting Height (m)	Height	Depth	Width	Weight	dBA
HE7402	3	2.3	210	115	634	5.1	46
HE7420	4.5	2.3	210	115	634	5.1	46
HE8320	4.5	2.3	210	115	1040	8.8	49
HE7426	6	2.3	210	115	1040	8.8	49
HE8326	6	2.3	210	115	1040	10.3	55
HE7433	9	2.3	210	115	1040	10.3	55

Note: 200mm clearance from ceiling required. dBA readings are taken at 3 metres from the heater in a free field environment.

HE7402RX - HE7426RX

Wireless controlled - Single and double door air curtains



- 3kW, 4.5kW or 6kW outputs
- 634mm and 1040mm widths for single and double door applications
- Compatible with CRXSL, CRXSLWIFI and HRXSL controllers

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

Note: 200mm clearance from ceiling required. dBA readings are taken at 3 metres from the heater in a free field environment.

Dimensions (mm) & Weight (kg):

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

HE8326RX & HE7433RX

Wireless controlled - Tall double door air curtains



- 6kW or 9kW outputs
- Single or 3 phase
- Compatible with CRXSL, CRXSLWIFI and HRXSL controllers

Dimensions (mm) & Weight (kg):

Model No.	kW	Type	Max Mounting Height (m)	Height	Depth	Width	Weight	dBA
HE8326RX	6	Tall double door	2.3	210	115	1040	10.3	55
HE7433RX	9	Tall double door	2.3	210	115	1040	10.3	55

Note: 200mm clearance from ceiling required. dBA readings are taken at 3 metres from the heater in a free field environment.

CA1309S - CA2018S
Extra wide air curtains



- Remote switch included (2 heat settings, 2 fan speeds)
- Optional ACMC* (provide 8 heat settings, 8 fan speeds) & ACTS**
- BMS (Building Management Systems) compatible

*ACMC: Air Curtain Master Controller
**ACTS: Air Curtain Temperature Sensor

Dimensions (mm) & Weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA	Max Mounting Height (m)	Single/3 phase	3 phase only
CA1309S	9	264	205	1305	18	60	3.4	•	
CA1312S	12	264	205	1305	18	60	3.4		•
CA1509S	9	264	205	1530	20	60	3.4		•
CA1512S	12	264	205	1530	20	60	3.4		•
CA1514S	14	264	205	1530	20	60	3.4		•
CA1516S	16	264	205	1530	20	60	3.4		•
CA2015S	15	264	205	1970	25	60	3.4		•
CA2018S	18	264	205	1970	25	60	3.4		•

Note: 300mm clearance from ceiling required.

CA10HL, CA15HL & CA20HL
Large Commercial Air Curtains



Available in black, grey or white

- 8/12kW, 12/18kW or 16/24kW outputs, selectable at installation
- Supplied with ACMC, ACTS and 10m RJ45 cable
- Multiple air curtains can be interconnected using CAT5/CAT6 RJ45 cable

*ACMC: Air Curtain Master Controller
**ACTS: Air Curtain Temperature Sensor

Dimensions (mm) & Weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA	Max Mounting Height (m)
CA10HL	8 / 12	270	480	1029	62	60	4
CA15HL	12 / 18	270	480	1536	77	61	4
CA20HL	16 / 24	270	480	2049	93	62	4

Note: The kW rating is selectable at installation - see user manual.

Explore more at www.consortepl.com

Recessed Air Curtains



Discreet air curtains for suspended ceiling installations.

Shallow recess fit
210mm or 230mm recess depth

Remote switch control
HE8407 or HE8408 depending on model

Fan only setting
For air circulation

Safety protection
Automatic thermal overload cut-out

RAC0603, RAC0604 & RAC1006
Supplied with HE8407 remote switch



- Single phase models in 3kW, 4.5kW and 6kW outputs
- 3 heat settings
- Supplied with white grille

Dimensions (mm) & Weight (kg)

Model No.	kW	Max Mounting Height (m)	Height	Depth	Width	Weight	dBA	Single Phase	3 Phase
RAC0603	3	3	155	339	634	9.5	55	•	
RAC0604	4.5	3	155	339	634	9.5	55	•	
RAC1006	6	3	155	339	985	13.5	57	•	

Note: dBA readings are taken at 3 metres from the heater in a free field environment.

RAC1306 - RAC1516

Supplied with HE8408 remote switch



- 6kW to 16kW outputs
- Energy efficient brushless motor
- Multiple air curtains can be controlled from one switch

Dimensions (mm) & Weight (kg)

Model No.	kW	Max Mounting Height (m)	Height	Depth	Width	Weight	dBA	Single Phase	3 Phase
RAC1306	6	3.4	175	339	1350	19.5	60	•	•
RAC1309	9	3.4	175	339	1350	19.5	60	•	•
RAC1312	12	3.4	175	339	1350	19.5	62		•
RAC1509	9	3.4	175	339	1550	21.0	62		•
RAC1512	12	3.4	175	339	1550	21.0	62		•
RAC1514	14	3.4	175	339	1550	21.0	62		•
RAC1516	16	3.4	175	339	1550	21.0	62		•

Note: dBA readings are taken at 3 metres from the heater in a free field environment.

RAC0603RX - RAC1006RX

Wireless controlled single door air curtains



- 3kW, 4.5kW or 6kW outputs
- Fits a recess as shallow as 210mm
- Compatible with CRXSL and HRXSL controllers

Dimensions (mm) & Weight (kg)

Model No.	kW	Max Mounting Height (m)	Height	Depth	Width	Weight	dBA
RAC0603RX	3	3	155	339	634	9.5	55
RAC0604RX	4.5	3	155	339	634	9.5	55
RAC1006RX	6	3	155	339	985	13.5	57

RAC1306RX

Wireless controlled double door air curtain



- 6kW, single or 3 phase
- Double door model with 1350mm length
- Fits a recess as shallow as 230mm

Dimensions (mm) & Weight (kg)

Model No.	kW	Max Mounting Height (m)	Height	Depth	Width	Weight	dBA
RAC1306RX	6	3.4	175	339	1350	20.0	60

RAC10HL, RAC15HL & RAC20HL

Large commercial recessed air curtains

7-day timer | 8 fan speeds | 8 heat settings | Simple installation



- Supplied with ACMC, ACTS and 10m RJ45 cable
- 415V 3-phase models; fits a recess as shallow as 300mm
- Multiple air curtains can be interconnected using CAT5/CAT6 RJ45 cable
- Supplied with hinged white non-vision grille

Dimensions (mm) & Weight (kg)

Model No.	kW	Height	Depth	Width	Weight	dBA	Max Mounting Height (m)
RAC10HL	8 / 12	270	515	1082	34	60	4
RAC15HL	12 / 18	270	515	1592	51	61	4
RAC20HL	16 / 24	270	515	2102	68	62	4

Note: dBA readings are taken at 3 metres from the heater in a free field environment.
The kW rating is selectable at installation - see user manual.

Surface or Suspended Air Curtains Summary

✓ Supplied

● Optional

				Control options					
Model No.	Rating kW	Single phase	3-phase	Integral switches	External switch	Wireless RX	ACMC	Max mtg height (m)	Width (mm)
HE7402	3	✓		✓	●			2.3	634
HE7402RX	3	✓				✓		2.3	634
HE7420	4.5	✓		✓	●			2.3	634
HE7420RX	4.5	✓				✓		2.3	634
HE8320	4.5	✓		✓	●			2.3	1040
HE8320RX	4.5	✓				✓		2.3	1040
HE7426	6	✓		✓	●			2.3	1040
HE7426RX	6	✓				✓		2.3	1040
HE8326	6	●	✓		✓			2.3	1040
HE8326RX	6	●	✓			✓		2.3	1040
HE7433	9	●	✓		✓			2.3	1040
HE7433RX	9	●	✓			✓		2.3	1040
CA1309S	9	●	✓		✓		●	3.4	1305
CA1509S	9		✓		✓		●	3.4	1530
CA1312S	12		✓		✓		●	3.4	1305
CA1512S	12		✓		✓		●	3.4	1530
CA1514S	14		✓		✓		●	3.4	1530
CA1516S	16		✓		✓		●	3.4	1530
CA2015S	15		✓		✓		●	3.4	1970
CA2018S	18		✓		✓		●	3.4	1970
CA10HL	8/12		✓		●		✓	4.0	1029
CA15HL	12/18		✓		●		✓	4.0	1536
CA20HL	16/24		✓		●		✓	4.0	2049

Recessed Air Curtains Summary

✓ Supplied

● Optional

				Control Options					
Model No.	Rating kW	Single phase	3-phase	External switch	Wireless RX	ACMC	Max mtg height (m)	Width (mm)	Min Recess Depth (mm)
RAC0603	3	✓		✓			3	634	210
RAC0603RX	3	✓			✓		3	634	210
RAC0604	4.5	✓		✓			3	634	210
RAC0604RX	4.5	✓			✓		3	634	210
RAC1006	6	✓		✓			3	985	210
RAC1006RX	6	✓			✓		3	985	210
RAC1306	6	●	✓	✓		●	3.4	1350	230
RAC1306RX	6	●	✓		✓		3.4	1350	230
RAC1309	9	●	✓	✓		●	3.4	1350	230
RAC1509	9		✓	✓		●	3.4	1550	230
RAC1312	12		✓	✓		●	3.4	1350	230
RAC1512	12		✓	✓		●	3.4	1550	230
RAC1514	14		✓	✓		●	3.4	1550	230
RAC1516	16		✓	✓		●	3.4	1550	230
RAC10HL	8/12		✓	●		✓	4	1082	300
RAC15HL	12/18		✓	●		✓	4	1592	300
RAC20HL	16/24		✓	●		✓	4	2102	300

Wi-Fi Capable Wireless Controllers

Smart app-connected control for compatible heating systems.



Wireless control
Connects to the Connect app

7-day timer
24 heating periods per day

Energy saving
Energy statistics and efficient control

Open window detection
Helps reduce wasted heat

CRXSLWIFI
Wi-Fi capable wireless controller for RX and SL heaters



- Mains-powered slim wall-recessed design with large backlit LCD
- Compatible with all RX and SL heaters with quick, simple pairing
- 4-digit PIN lock available on the controller and in the app

Dimensions (mm)

Model No.	Height	Depth	Width
CRXSLWIFI	85	34	145

SLPBWIFI
Wi-Fi capable wireless controller for SL heaters



- Can operate multiple SL heaters and fits most standard single gang boxes
- Built-in occupancy sensor for responsive energy-saving control
- Simple lcoal operation without Wi-Fi, with full app functions when connected

Dimensions (mm)

Model No.	Height	Depth	Width
SLPBWIFI	86	26	85

Advanced Wireless Controllers

Single-zone wireless control for compatible RX and SL heaters.



RX & SL heaters compatible

7-day programming
6 temperature programmes per day

Energy saving
Efficient energy control

Open window detection
Helps reduce wasted heat





	CRXSL	HRXSL
Mains-powered	✓	
Battery-powered		✓ (includes 2 'AA' batteries)
Battery backup	✓	
Operating modes	5	5
Comfort and setback temperature settings	✓	✓
Open window detection	✓	✓
15-minutes Boost function	✓	✓
Electronic child lock	✓	✓
Wall-mounted	✓	✓
Height x Depth x Width (mm)	85 x 34 x 145	141 x 20 x 54

Energy saving features for advanced controllers	CRXSL	HRXSL
6 temperature programmes per day	✓	✓
7-day heating programmes per week	✓	✓
Half heat when approaching target temperature: For RX heaters only** or compatible heaters	✓ RX heaters	✓ Compatible heaters
Maintains temperature within 0.5˚C	✓	✓
Set temperature in 0.5 degrees increments	✓	✓

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

SL Wireless Controllers

Simple wireless control options for compatible SL heaters.



Wireless control
Operates compatible SL heaters

Run-back timer
Timed heating when required

Temperature control
Comfort and setback options

Multiple heater control
One controller can operate multiple SL heaters



	SLPB	SLVT	SLVTB	SLPBWP
Power	240V	240V	2x AAA battery	240V
12VDC SELV (Separated Extra Low Voltage) power option*	✓	✓		✓
Runback timer mode	✓	✓	✓	✓
Runback time periods (minutes)	5, 15, 30	5, 15, 30	5, 15, 30	15, 30, 60
Number of selectable time periods	1,2,3,4	1,2,3,4	1,2,3,4	1
IP rating				IP65
Easy adjust digital thermostat with temperature display		✓	✓	
Fits onto most types of standard single gang boxes	✓	✓	✓	
External input available to connect to any voltage free contact such as timers or BMS	✓	✓		✓
Height x Depth x Width (mm)	86 x 26 x 85	86 x 26 x 85	86 x 26 x 85	81 x 57 x 83

Receiver Unit & Range Extender

SLEXT
Surface mountable and easy to install.

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

As a range extender, the SLEXT extends the RF signal range to SL heaters that are not close enough to receive wireless transmission.



- Mains powered
- Can be retrofitted
- Each heater must be connected to an SLEXT for it to be controlled by a CRXSL, HRXSL or SL controller
- Can double the range of all SL, CRXSL or HRXSL controllers

Dimensions (mm)

Model No.	Height	Depth	Width
SLEXT	82	57	80

Heating scheme

Need help planning your heating project? Our Technical team offers free advisory support to help identify suitable products, carry out heat loss guidance and recommend the most appropriate solution for your application.

Free technical guidance

Heat loss support

Heating scheme calculator



Submit your enquiry with drawings if available:
heatingscheme@consortepl.com

Installation Planning

Consort has extensive experience in supplying complete heating packages for industrial, commercial, retail, and amenity spaces. We offer a Free Advisory Service with technical guidance for planning heating schemes.

Our website features practical tools which help simplify planning, improve energy efficiency, and ensure the best results:

1) Heating Scheme Calculator: Identifies the most efficient heating solution based on insulation, layout, and location.

2) Air Curtain Selector: Recommends the ideal air curtain by entering door dimensions and preferences.

The following information is provided to help in planning the most efficient heating for each installation. As 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

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

Installed Load (kW) = (AxF) / 1000

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

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

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

Siting

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

Noise level

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

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

Cable requirements to remote switch

Model No.	Output (kW)	No of wires	Nominal Wire size (mm²)	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	5+earth	0.5	•	
HE8326	6.0	5+earth	0.5	•	•
CA1309S	9.0	5+earth	0.5	•	•
CA1312S	12.0	5+earth	0.5		•
CA1509S	9.0	5+earth	0.5		•
CA1512S	12.0	5+earth	0.5		•
CA1514S	14.0	5+earth	0.5		•
CA1516S	16.0	5+earth	0.5		•
CA2015S	15.0	5+earth	0.5		•
CA2018S	18.0	5+earth	0.5		•
RAC10HL	8.0 / 12.0	RJ45*			•
RAC15HL	12.0 / 18.0	RJ45*			•
RAC20HL	16.0 / 24.0	RJ45*			•
RAC0603	3.0	4+earth	1.5	•	
RAC0604	4.5	4+earth	2.5	•	
RAC1006	6.0	4+earth	4.0	•	
RAC1306	6.0	5+earth	0.5	•	•
RAC1309	9.0	5+earth	0.5	•	•
RAC1312	12.0	5+earth	0.5		•
RAC1509	9.0	5+earth	0.5		•
RAC1512	12.0	5+earth	0.5		•
RAC1514	14.0	5+earth	0.5		•
RAC1516	16.0	5+earth	0.5		•

Wire size in accordance with Requirements for Electrical Installations BS 7671:2018.

* It is essential that the electronic controller supplied with these products is wired with good quality screened cable 1.0mm² max.

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