

INSTALLED ELECTRIC HEATING

LOT 20 COMPLIANT

SPRING 2018



As a leading electrical distributor, Rexel understands your needs, and can provide all the products and solutions you need to make things easier, and add value to your business.

Our branch network makes Rexel accessible nationwide, and the strength in our supply chain and unique logistics operation provides unrivalled availability. We know that a consistent and reliable service is important to you, and our industry-leading brands ensure that you get the products you need when and where you need them, so you can turn a good job into a great one.

What you need when you need it...

- 250 locations you're only ever 20 mins drive away from a branch*
- £100M stock inventory
- 500 vehicles providing a same day / next day service for stocked products
- Industry-leading brands and our own quality own branded range: Newlec
- Consistency and availability of stock you need at all locations

^{*}Average journey

Rexel is a leading worldwide distributor of electrical supplies operating in 32 countries, with a network of over 2,000 branches. The Rexel mission is to support customers wherever they are, providing them with the most sustainable and innovative products and services from around the globe.

Rexel is known in the UK via its four trading divisions: Newey & Eyre, WF Senate, Wilts and Parker Merchanting, with a network of 250 branches giving nationwide coverage.

www.rexel.co.uk



We're easy to deal with...

- 3,000 friendly and experienced staff
- Simple efficient processes and systems
- Regular updates on orders
- A single point of contact for all your quotes and orders
- Consolidated invoicing options to reduce administration and potential queries
- Electronic trading options including full electronic data interchange (EDI)

We add value through innovation...

- Stock and asset management solutions
- Products with easy installation and reduced maintenance
- Energy efficiency solutions, including energy and power consultancy, energy surveys and lighting design to help you save costs, energy and boost your green credentials

Whatever the challenge you're facing, Rexel will help you find the winning solution.



Ecodesign Directive - Lot 20. What it means for you

Electric heating is changing. From 1st January 2018 new legislation will come into force that fundamentally changes installed domestic heating.

Lot 20. What is it?

- An EU wide regulation aimed at helping the UK meet its commitment to reducing carbon emissions by 20% by 2020
- It contains 37 regulations known as "Lots" where Lot 20 is concerned with "Local Space Heaters"
- It prescribes new minimum standards for local space heating in terms of energy efficiency
- Products that do not meet this standard will no longer be allowed to be manufactured after 1st January 2018

Lot 20 - What products are affected?

Lot 20 will affect:

- Storage heaters
- Direct acting heaters
- Portable heaters
- Radiant heaters
- Electric fires
- Underfloor heating
- Infra-red heaters

Lot 20 will **not** affect:

- Local space heaters using a vapour compression cycle (heat pumps)
- Local space heaters that are specified for outdoor use only
- Sauna stoves
- Slave heaters
- Tubular heaters
- Towel rails
- Frost protection heaters
- Air Curtains

What does it mean for installed electric heating?

The large majority of installed electric heaters, such as storage heaters and panel heaters, will no longer be compliant and future products will have to be upgraded to meet the standards set out in Lot 20. The new products will now have to have the following energy saving features as standard in order to be compliant.



Digital controls - Greater accuracy to reduce energy consumption



User programable temperature controls with 7 day timers – use only the heat you need exactly when you need it





Adaptive Start Controls – predicts and initiates the optimal start up time of the heater to ensure the room is at the desired temperature at the required time – the minimum amount of energy is used in getting the room up to the desired temperature



Open window detection - The heater recognises when a window is open and shuts the product down to prevent energy wasteage

Whilst these improvements will result in higher purchase prices, the legislation states that there can be no increase in cost to the end user over the lifetime of the heater. Due to increased energy efficiencies, consumers will see significant reductions in their energy consumption leading to an overall saving compared to using traditional products.

Who will be affected?

Manufacturers

From 1st January 2018, they will no longer be able to make non-compliant products.

Installers/Contractors

- Installers can continue to purchase and install old product that was manufactured before 1st Jan 2018 until it is no longer available in the market.
- Older, non-compliant product is expected to run out quickly in 2018 due to the higher cost of the newer products
- Should begin to engage with customers about the new legislation and the benefits of the new products

Housing Associations / Landlords

- NOT required to replace existing heaters
- Can continue to purchase and install old product that was manufactured before 1st Jan 2018 until it is no longer available in the market.
- The new products will reduce running costs for tenants (especially important if rent includes energy bills)
- Potential to increase a properties energy ratings due to the efficiency of the new products

End Users / Consumers

- ✓ NOT required to replace existing heaters
- Can continue to purchase and install old product that was manufactured before 1st Jan 2018 until it is no longer available in the market.
- The new products can help to improve your properties ratings and also offer significantly reduced running costs

Why choose Rexel?

Rexel have selected Lot 20 compliant installed heating products from the leading manufacturers as well as updating our own Newlec offer. This means that you can be reassured that you are purchasing and using high quality products that meet all new legislative requirements.



Page 11 **High Heat Retention Storage Heaters**

11 Dimplex Quantum Storage Heaters



12 Ecombi High Heat Retention Storage Heaters



Page 13 **Storage Heaters**

13 Newlec Storage Heaters



14 Dimplex XLE Slimline Storage Heaters

15 Ecombi SSH Storage Heaters



Page 17 Panel Heaters

17 Newlec Panel Heaters



18 Dimplex Panel Heaters



19 Elnur PH-Plus Digital Panel Heaters



Page 21 **Electric Radiators**

21 Newlec Electric Radiators



22 Dimplex Q-Rad Electric Radiators



23 Elnur RXE-Plus Electric Radiators



Page 25 Infrared Heaters

25 Herschel Select XL Infrared Panel Heaters



High Heat Retention Storage Heater





Electric heaters designed specifically to operate using economy 7 tariff.



Ultimate energy efficient solution for installed electric heating.



Exceptional levels of insulation means virtually no unwanted heat loss when the heater is not in use. So users can relax knowing they will always have sufficient heat available when needed without having to waste money compensating for unwanted heat loss.



Fully compliant with the SAP specification criteria – perfect for house builders, care homes, social housing etc.

Energy Efficient Storage Heater





Electric heaters designed specifically to operate using economy 7 tariff.



Increased energy efficiency compared to the traditional manual, automatic and combi storage heaters.



Enhanced features include 7-day timer and highly accurate thermostats that greatly reduce energy consumption and running costs.



Heater will automatically regulate and manage the charge to ensure the right amount of heat is stored. Never too much or too little - resulting in big energy savings.

Panel Heater





Ideal for rooms that require shorter heating periods during the day – bathrooms, kitchens, bedrooms, conservatories.



Enhanced features include 7-day timer and highly accurate thermostats that greatly reduce energy consumption and running costs.



Upgraded to increase their energy efficiency.



Increased user controllability which reduces energy wastage.

Electric Radiator





Ideal for rooms that require shorter heating periods during the day – bathrooms, kitchens, bedrooms, conservatories.



Lot 20 compliant radiators that provide perfect heat distribution and radiation ensuring very low running costs.



Enhanced features include 7-day timer and highly accurate thermostats that greatly reduce energy consumption and running costs.

Infrared Panel Heater







Infrared panels are an affordable and economical way to heat up any domestic or commercial space.



They can be fitted onto ceilings or walls - therefore saving space and blending into the background discreetly, whilst still providing the optimum comfort levels of heat.



Paired together with a compatible unit this makes the panels Lot 20 compliant.



It can significantly reduce heating costs as it works by directly heating walls, floors and other objects located in the room rather than heating the air.



Dimplex Quantum Storage Heaters

The Quantum heating system provides low-cost, low-carbon, electric heating on demand. Its exceptional levels of insulation mean Quantum can store energy during periods of low demand, turning it into efficient heat only when needed.



Up to 27% cheaper to run that traditional storage heaters and up to 47% than traditional panel convectors.



Can improve a building's EPC rating by six points, making it the clear choice for specification refurbishments.



Provides room temperature control using a thermostat accurate to +/-0.3°C - prevents wasted energy from overheating a room.



Comes fitted with Dimplex's revolutionary iQ controller which enables heating requirements to be preset.



Attractive, state of the art compact design and will cover previous "fixing marks" of most comparably sized traditional storage heaters.



Order Code	Model No.	Input Rating (kw)	Height (mm)	Width (mm)	Depth (mm)	Energy packs	Installed Weight (kg)	Price	
2500825641	QM050w	1.1	730	580	185	4	66	£562.02	
2500553127	QM070	1.56	730	703	185	6	83	£598.64	
2500553132	QM100	2.2	730	865	185	8	107	£660.82	
2500553134	QM125	2.76	730	1069	185	10	135	£727.87	
2500553138	QM150	3.3	730	1069	185	12		£781.32	



2 years standard, plus additional 8 years on registration - see www.dimplex.co.uk/quantumregistration for full details

Ecombi High Heat Retention Storage Heaters

One of the most intelligent, technologically advanced storage heaters available on the market today. With its exclusive IEM (Integral Energy Manager,) users can relax knowing their heating is adjusting its charging daily by monitoring both the climate and the daily demands placed upon it.



Unrivalled 12 year warranty for the ultimate peace of mind.



Fully compliant with SAP category "High Heat Retention Storage Heaters".



Double high heat retention materials in all sides of the heater – minimises heat loss.



Extremely intuitive and simple to use controller with lock option to prevent any unwanted amendments to programmes.



Compatible with off peak electrical tariff in a single 24-hour interval.



Order Code	Model No.	Input Rating (kw)	Height (mm)	Width (mm)	Depth (mm)	No. of Bricks	Weight Inc Bricks (kg)	Price
2501001700	ECOHHR20	1742	760	720	195	12	97	£594.34
2501001699	ECOHHR30	2613	760	950	195	18	140	£653.69
2501001698	ECOHHR40	3484	760	1170	195	24	183	£771.32



Newlec Storage Heaters

Newlec storage heaters have been upgraded to ensure that they are fully compliant with Lot 20 of the ERP Directive. Packed with energy saving features and re-designed to have a clean, modern look, Newlec storage heaters are both stylish and extremely efficient.



Dynamic storage capacity, automatically adjusts to user requirements and only stores the right amount of energy to heat your room – no more wasted energy.



Quiet fan assisted heat output - quickly, quietly and more effectively distributes heat.



Open window detection can detect when heat and energy are being wasted and stop the heater.



Electronic heat output to match user lifestyle controlled via a 7 day programmable timer.



Child lock to prevent unwanted tampering of controls.



Order Code	Model No.	Input Rating (kw)	Height (mm)	Width (mm)	Depth (mm)	Energy packs	Installed Weight (kg)	Price
2501091126	NLSH050	1.2	749	580	185	4	65	£441.31
2501091127	NLSH070	1.56	749	700	185	6	87	£474.85
2501091128	NLSH100	2.22	749	823	185	8	109	£531.77
2501091129	NLSH125	2.76	749	945	185	10	135	£593.16
2501091130	NLSH150	3.3	749	1067	185	12	157	£642.08



Dimplex XLE Slimline Storage Heaters

An electric storage heater with a clean look and reliable performance. XLE is a modern replacement for older storage heaters.



Controllable electronic heat output to match user lifestyle.



Fan assisted to quickly, quietly and more effectively distribute heat.



Slimline design that covers traditional storage heater fixing marks.



Child Lock & Landlord Lock (PIN-based) – no more unwanted interference with controls and settings.



Provides accurate room temperature control using a thermostat accurate to +/-0.2°C - prevents wasted energy from overheating a room.



Order Code	Model No.	Input Rating (kw)	Height (mm)	Width (mm)	Depth (mm)	Energy packs	Installed Weight (kg)	Price
2501089456	XLE050	1.2	749	580	185	4	65	482.02
2501089467	XLE070	1.56	749	700	185	6	87	518.64
2501089478	XLE100	2.22	749	823	185	8	109	580.82
2501089487	XLE125	2.76	749	945	185	10	135	647.87
2501089488	XLE150	3.3	749	1067	185	12	157	701.32



Ecombi SSH Storage Heaters

Users benefit from controlled accurate temperature stability and the heater will regulate & manage the charge on a daily basis to ensure that there is always exactly the right amount of heat stored - never too much or too little.



5 year automatic on-site parts and labour warranty.



Adaptive start control function - predicts the optimal start up time for your heater to ensure the room is heated to the required temperature at the desired time dramatically reducing energy consumption.



Distance control function - Built-in Wi-Fi lets you control your heating from a desktop, laptop or any smart device when used with Elnur's G Control hub.



Intuitive LCD display with advanced control options and key lock - Provides ease of use and adjustment for users and prevents tampering once set.



Built-in on-peak emitter - provides heat when no overnight charge taken or there is unexpected demand on the heater.



Order Code	Model No.	Input Rating (kw)	Height (mm)	Width (mm)	Depth (mm)	No. of Bricks	Weight Inc Bricks (kg)	Price
2501091485	ECOSSH158	975/1062	730	550	180	4	59	£475.18
2501091486	ECOSSH208	130/1415	730	660	180	8	77	£529.69
2501091487	ECOSSH308	1950/2123	730	890	180	12	112	£679.98
2501091488	ECOSSH408	2600/2831	730	1110	180	16	147	£801.85







Datasheets are available to download - www.rexel.co.uk

Newlec Panel Heaters

The new Newlec panel heaters are fully Lot 20 compliant and are packed full of energy saving features which deliver genuine savings on running costs. They have also benefitted from a new design so they look great in any domestic or commercial application.



Easy to use electronic programmable timers with multiple seven-day timer profiles – heat the room only when you want to.



Electronic thermostat control provides room temperature stability to +/- 0.2°C - no more energy wasted over-heating a room.



Adaptive start control function - predicts the optimal start up time to ensure the room is heated to the required temperature at the desired time.



Splash-proof IP24 rating - making them suitable for use in bathrooms.



Suitable for domestic or commercial use.



Order Code	Model No.	Loading (kw)	Height (mm)	Width (mm)	Depth (mm)	Price
2501091131	NLPH075E	0.75	430	620	108	£125.90
2501091132	NLPH125E	1.25	430	690	108	£137.37
2501091133	NLPH150E	1.5	430	690	108	£147.71
2501091134	NLPH200E	2	430	860	108	£154.98
2501091135	NLPH300E	3	430	860	143	£175.66

Comparison Table

Old Model	New Model
NLPH750	NLPH075E
NLPH1250	NLPH125E
NLPH1500	NLPH150E
NLPH2000	NLPH200E
NLPH3000	NLPH300E



Dimplex Panel Heaters

The PLXE range is the Lot 20 compliant upgrade panel heater by Dimplex. Offering a touch sensitive control and audio feedback, for maximum control with complete flexibility, and improved looks, it is the perfect replacement for outdated panel heaters.



Easy to use electronic programmable timers with multiple seven day timer profiles - heat the room only when you want to.



Energy-saving technologies such as Adaptive Start and Open window detection - no more wasted energy leading to reduced running costs.



Aesthetics designed to compliment Dimplex storage heater ranges and a slimline design that covers traditional panel heater fixing marks.



Child Lock & Landlord Lock - prevents unwanted tampering with the controls.



Splashproof IP24 rating - making them suitable for use in bathrooms.



Order Code	Model No.	Loading (kw)	Height (mm)	Width (mm)	Depth (mm)	Price
2501089489	PLXE050E	0.5	430	450	108	£135.07
2501089490	PLXE075E	0.75	430	620	108	£141.52
2501089491	PLXE100E	1	430	620	108	£147.95
2501089492	PLXE125E	1.25	430	690	108	£154.40
2501089457	PLXE150E	1.5	430	690	108	£166.03
2501089458	PLXE200E	2	430	860	108	£174.21
2501089459	PLXE300E	3	430	860	143	£197.45



Elnur PH-Plus Digital Panel Heaters

Elnur PH-Plus digital panel heaters benefit from industry leading thermostat accuracy, easy to use controls and boasts many energy saving features. When compared to traditional panel heaters, users will benefit from greater control, total comfort and reduced running costs.



5 year automatic on-site parts and labour warranty - The ultimate level of reassurance for consumers.



Electronic Triac Control Optimiser (ETCO) - The latest technology in electricity consumption control. It manages and restricts the flow of electricity according to the thermostat information resulting in energy savings.



Key lock facility - prevents unwanted tampering with the controls.



Digital temperature accuracy to within +/- 0.1°C - the most accurate thermostat available meaning a lower temperature over-shoot than other panel heaters.



Energy-saving technologies such as Adaptive Start and Open window detection – no more wasted energy leading to reduced running costs.



Order Code	Model No.	Loading (kw)	Height (mm)	Width (mm)	Depth (mm)	Price
2501091489	PH075 PLUS	0.75	410	410	105	£131.27
2501091490	PH125 PLUS	1.25	410	560	105	£145.00
2501091491	PH150 PLUS	1.5	410	630	105	£157.02
2501091492	PH200 PLUS	2	410	780	105	£163.67





Newlec Electric Radiators

The Newlec electric radiator range is one of the most energy efficient models available. Now updated to be fully Lot 20 compliant, the running costs are lower than ever before whilst still offering exceptional peace of mind with its 10 year warranty (5 years for electronics.)



Electronic energy optimiser - the controller manages and restricts the flow of electricity to the heater according to the thermostat information resulting in energy savings.



Key lock facility - prevents unwanted tampering with the controls.



Digital temperature accuracy to within +/- 0.1°C - the most accurate thermostat available meaning a lower temperature over-shoot than other heaters, resulting in less energy waste.



Energy-saving technologies such as Adaptive Start and Open window detection – no more wasted energy leading to reduced running costs.



Quick-fix wall mounting brackets – save up to 50% on install time.



Order Code	Model No.	Output (kw)	Height (mm)	Width (mm)	Depth (mm)	Price
1051058532	NLHRADD500	0.5	580	415	100	£277.50
1051058533	NLHRADD750	0.75	580	575	100	£346.86
1051058534	NLHRADD1000	1	580	735	100	£393.12
1051058535	NLHRADD1250	1.25	580	895	100	£462.48
1051058536	NLHRADD1500	1.5	580	1055	100	£508.74
1051058537	NLHRADD2000	2	580	1215	100	£578.12



Dimplex Q-Rad Electric Radiators

Dubbed 'the electric radiator with a brain', Q-Rad combines state-of-the-art technology with intuitive operation to give you maximum control over your heating.



Instant warmth through Dual-Element Technology, providing the perfect balance of convection and radiant heat.



Advanced touch control system offering 24-hour and 7-day timer control, temperature selection and preset programmes for maximum control with complete flexibility.



Low thermal heat mass provides a faster room warm up time as well as a responsive reaction to changes in temperature to prevent overheating and energy wastage.



Open Window Technology automatically reduces output to prevent heat loss - if a window is left open, thereby saving you money.



Stylish design to complement the Quantum heating system and is suitable for use as a stand-alone electric radiator or as part of a Quantum heating system.



Order Code	Model No.	Input Rating	Height (mm)	Width (mm)	Depth (mm)	Price
2500677629	QRAD050	0.5	546	513	105	£247.83
2500677632	QRAD075	0.75	546	513	105	£259.17
2500677633	QRAD100	1	546	675	105	£273.52
2500677635	QRAD150	1.25	546	756	105	£284.86
2500677636	QRAD200	1.5	546	918	105	£298.04



Elnur RXE-Plus Electric Radiators

The Elnur RXE-Plus range of electric radiators uses patented Eco-Seco dry technology for rapid warm-up and even heat distribution. Provides perfect heat distribution and radiation ensuring very low running costs.



10 warranty on manufacturing defects and 5 year warranty on the electronics - The ultimate level of reassurance for consumers.



Electronic Triac Control Optimiser (ETCO) - The latest technology in electricity consumption control. It manages and restricts the flow of electricity to the heating element according to the thermostat information.



Key lock facility - prevents unwanted tampering with the controls.



Digital temperature accuracy to within +/- 0.1°C - the most accurate thermostat available meaning a lower temperature over-shoot than other heaters, resulting in less energy waste.



Energy-saving technologies such as Adaptive Start and Open window detection – no more wasted energy leading to reduced running costs.



Order Code	Model No.	Input Rating	Height (mm)	Width (mm)	Depth (mm)	Price
2500607465	RX4E PLUS	0.5	580	415	100	£254.92
2500607455	RX6E PLUS	0.75	580	575	100	£293.76
2500607457	RX8E PLUS	1	580	735	100	£361.73
2500607472	RX10E PLUS	1.25	580	895	100	£399.41
2500607461	RX12E PLUS	1.5	580	1055	100	£444.64
2500607463	RX14E PLUS	2	580	1215	100	£491.16



10 year warranty against Manufacturing Defects and 5 Years on the electronics

Infrared Heaters



Datasheets are available to download - www.rexel.co.uk

Herschel Select XL Infrared Panel Heater

Select XL Range of Infrared Panel Heaters are an affordable and economical way of heating up any domestic property. They are a modern alternative to storage and panel heaters. For a contemporary and stylish look this range of products can offer a Glass, White or Mirror finish which is perfect for the domestic customer.



Various finishes available - White, Glass, Mirror to complement any type of decor.



Lot 20 compliant when used with IQ Control unit which enable single or multi room control.



Extremely energy efficient as these panels heat objects rather than the air.



The white panel option can blend perfectly into the background or make a feature out of it by selecting a more decorative finish.



They provide a fresher heat and prevent circulation of dust creating a healthier living space.









White

Order Code	Model No.	Watts	Price
2500823299	XL-HS250-W	250 WATT	£249.00
2500823300	XL-HS300-W	300 WATT	£289.00
2500823301	XL-HS600-W	600 WATT	£379.00
2500823373	XL-HS850-W	850 WATT	£479.00
2500823374	XL-HS1000-W	1000 WATT	£479.00

Mirror

Order Code	Model No.	Watts	Price
2501021061	XL-HS350-M	350 WATT	£329.00
2501021062	XL-HS500-M	500 WATT	£399.00
2501021063	XL-HS700-M	700 WATT	£479.00



Glass White

Order Code	Model No.	Watts	Price
2501021065	XL-HS500-GW	500 WATT	£379.00
2501021067	XL-HS700-GW	700 WATT	£429.00

Glass Black

Order Code	Model No.	Watts	Price
2501021064	XL-HS500-GB	500 WATT	£379.00
2501021066	XL-HS700-GB	700 WATT	£429.00

Controller

Order Code	Model No.	Description	White
2501021077	T-R1	Receiver	£58.00
2501021078	T-T1	Thermostat	£32.00
2501021079	T-WH1	Controller	£149.00

Herschel Select Infrared Panel Heater

The Select Infrared panel heaters warm up rooms efficiently by gently radiating infrared heat. The infrared heat improves comfort levels as every part of the room is heated to an even level, removing cold spots. These ceiling or wall panels provide a clean and uncluttered look and are an ideal application for homes, offices, social housing and care homes.



Lot 20 compliant when used with IQ Control unit which enable single or multi room controls.



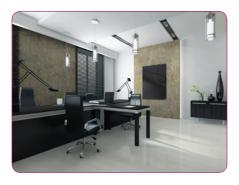
A slimline and lightweight panel - perfect for either wall or ceiling application.



Perfect for retrofit or new build.



Ideal space saving solution as no more large heaters taking up valuable space.







White

Order Code	Model No.	Description	Watts	White
2500823296	HS350-W	Ceiling/Wall Panel	350 WATT	£199.00
2500823297	HS540-W	Wall Panel	540 WATT	£269.00
2500823298	HS700-W	Ceiling/Wall Panel	700 WATT	£299.00

Controller

Order Code	Model No.	Description	White
2501021077	T-R1	Receiver	£58.00
2501021078	T-T1	Thermostat	£32.00
2501021079	T-WH1	Controller	£149.00





To find your nearest branch go to: www.rexel.co.uk/branchlocator

REXEL

a world of energy

Rexel UK
Eagle Court 2,
Hatchford Brook,
Hatchford Way,
Sheldon,
Birmingham,
B26 3RZ
www.rexel.co.uk