



Product range

Andrews. Built to perform.

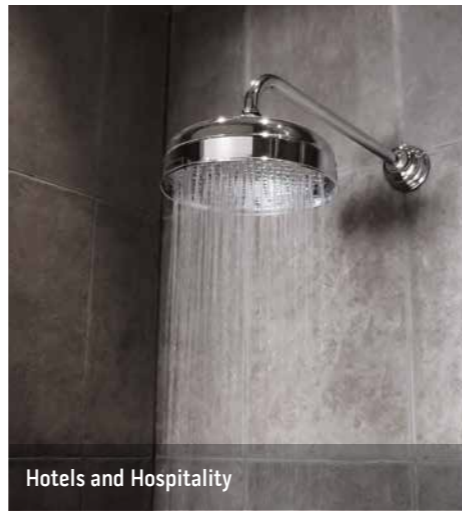




Hospitals and Health Care



Sports and Leisure



Hotels and Hospitality

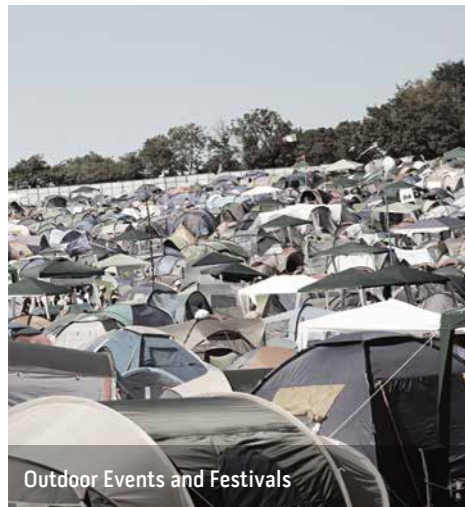


Emergency Services

Andrews offer a solution for every application, from public buildings and commercial properties, to construction sites, festivals and sporting events.



Schools, Colleges and Universities



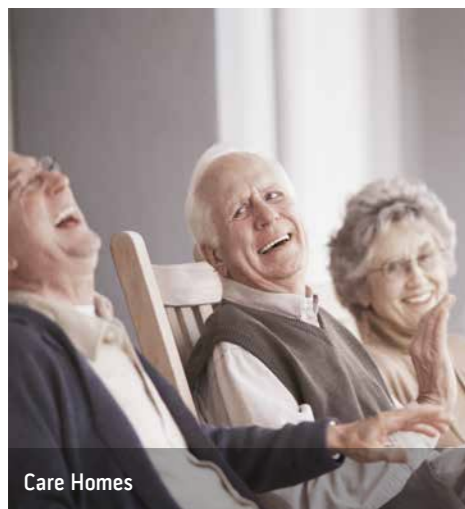
Outdoor Events and Festivals



Laundry



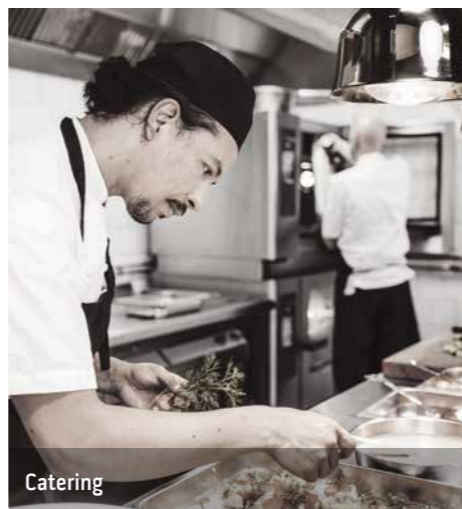
Health and Fitness



Care Homes



Military



Catering

Six reasons it has to be Andrews

✔ Britain's No.1

Established in 1976, Andrews is the leading supplier of gas-fired commercial water heaters in the UK.

✔ Market leading expertise

As active members of CIBSE, SOPHE and ICOM, we are at the forefront of setting industry standards.

✔ Industry leading products

Our product range is continually evolving, keeping our customers one step ahead of changing legislation and building regulations.

✔ Unrivalled design support

Technical data sheets, BIM, CAD and Size-IT programmes are available online, 24 hours a day, 365 days a year.

✔ Expert technical advice

Our dedicated team offers on-and off-site assistance, including expert advice on system design and hydraulic schematics.

✔ Exceptional aftersales service

You can rely on our support every step of the way, from planning and commissioning, to servicing and maintenance.

Andrews is an Investor in People organisation. All of our systems and procedures meet the highest standards, including ISO 9001 (quality management) and ISO 14001 (environmental management).

Andrews. Built to perform.



B
Efficiency Rating



The MAXXflo is a range of fully condensing, fully modulating stainless steel water heaters. Its unique design offers up to four fully modulating burners. This offers built-in redundancy for outputs of 60kW and above, to ensure an uninterrupted, virtually instant supply of up to 1920 litres per hour of hot water.

It's available in outputs of 30kW, 60kW, 90kW and 120kW, and multiple heaters can be installed where even greater volumes of hot water are required. Each output is available with tank capacities of 200 or 300 litres.

MAXXflo condensing water heater

Features

- Up to four modulating burners
- Recovery rates of up to 1920 litres of hot water per hour
- 98% gross efficiency
- Fully automatic electronic control with building management system (BMS) interface as standard
- Built-in high temperature anti-legionella program
- WRAS approved and Energy Technology Listed

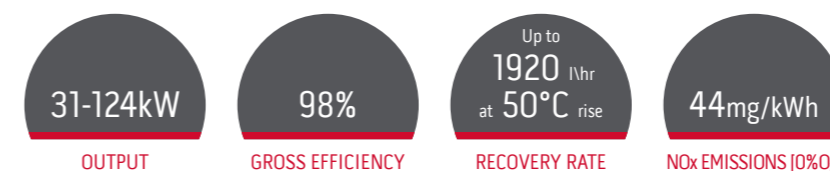
Benefits

- The optimum amount of gas is used to maximise energy efficiency, cost savings and built-in redundancy for outputs of 60kW and above
- Ensures continuous supply of hot water and can satisfy the most demanding hot water applications
- Energy efficient, cost effective operation
- Easy integration into the BMS
- Safety and protection against legionella
- Complies with the Water Supply (Water Fittings) Regulations and Scottish Byelaws and qualifies for the Government Enhanced Capital Allowance scheme

“ After battling the elements all day, the last thing you want is a cold shower ”



Technical Specification



For full specification please go to www.andrewswaterheaters.co.uk

Service plans. We provide expert, professional support which ensures optimum performance is maintained throughout the lifetime of your water heater.



The ECOflo range of storage water heaters are fully condensing, offering excellent energy efficiency, ultra-low NOx and exceptional hot water recovery rates. The Vitraglas® lined thermally efficient tanks are protected by maintenance free anodes, and are equipped with a Hydrojet® sediment reduction system which enhances the performance and prolongs the life of the product.

ECOflo condensing water heater

Features

- Up to 98% gross efficiency
- Recovery rates of up to 1900 litres per hour
- Vitraglas® lined storage tank and maintenance free, factory fitted Correx® anodes
- Natural gas and LPG models available
- Factory installed Hydrojet® sediment reduction system
- Supported by a 3 year vessel warranty

Benefits

- For energy efficient, cost effective operation
- Can satisfy the most demanding applications
- Thermally efficient water storage. Protects glass lining and reduces service and maintenance time and costs
- Also suitable for off mains gas areas
- Gives a longer and more efficient working life
- Peace of mind for the customer

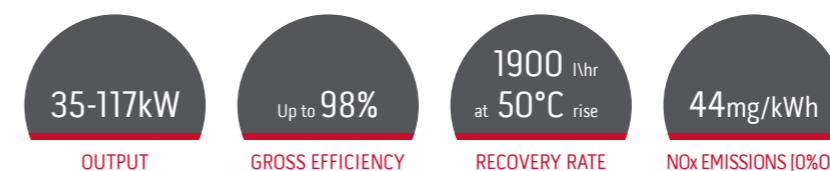
“ We’ve worked with Andrews Water Heaters for many years. The range of products they offer and the after service they provide mean that they are our first choice every time ”

A regeneration project that will see a Newcastle office block brought back to life as a city centre hotel is set to offer its guests an ample supply of hot water on tap after four ECOflo Andrews Water Heaters were installed.

Steve Malone, part of the third generation that owns and runs Malones.



Technical Specification



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“ Andrews provided exceptional support, resulting in an installation that runs at peak efficiency, providing hot water to every corner of the hotel whenever needed ”

Two Andrews SUPAflo SF65 gas-fired high efficiency condensing water heaters have been installed in a new football focused hotel in Manchester, ensuring a constant supply of hot water for guests and staff.

Chris Keyes, Procurement & Estimating Manager at NWP Electrical Mechanical Utility Services.



SUPAflo is a continuous flow water heater that can provide instant hot water with an impressive recovery rate of up to 9230 litres per hour at 50°C rise. There are seven models in the range, with heat outputs from 142kW to 539kW. Its small footprint and high quality, lightweight design makes it very flexible to site. SUPAflo is supplied with a gas filter, condensate trap and UPS bronze primary pump, to aid installation.

SUPAflo condensing water heater

Features

98% gross efficiency

Hot water recovery of up to 9230 litres per hour at 50°C

Seven models, 142kW to 539kW

High quality stainless steel heat exchanger

Compact, lightweight design with small footprint

Natural Gas or LPG

Benefits

Energy efficient, cost effective operation

Satisfies the most demanding applications

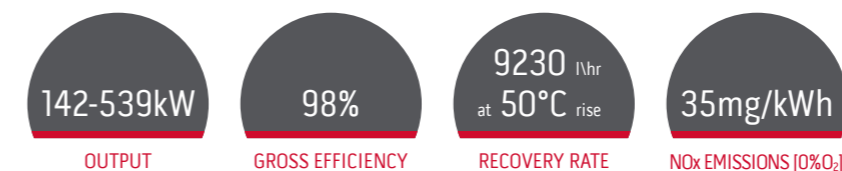
Suitable for large commercial and industrial applications that require large quantities of hot water

Very efficient and low maintenance

Less space required for installation

Can be installed in off mains gas areas

Technical Specification



For full specification please go to www.andrewswaterheaters.co.uk

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“ We chose to use the NEOflo water heater as we are familiar with the quality of Andrews Water Heating products and the excellent technical back up they supply ”

NEOflo water heaters are the perfect solution for schools like Monkway where there is a steady demand for hot water. These superior quality units, which use highly durable stainless steel internal storage cylinders for a long service life, offer an impressive recovery rate of 430 litres per hour.

Dave Grzelka, Principal Engineer, NPS NorthWest.



NEOflo is a fully condensing stainless steel water heater. A choice of 200 litre or 300 litre stainless steel storage tanks, comprehensive flueing options and suitability for vented or unvented systems makes NEOflo an extremely flexible choice.

NEOflo condensing water heater

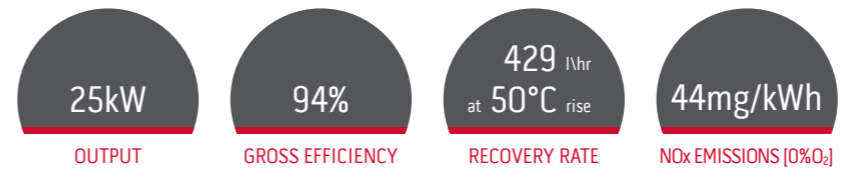
Features

- 94% gross efficiency
- Ultra low NOx (class 5)
- Quiet in operation - (50dBA)
- Room sealed for conventional flue options
- Compact design fits through a standard doorway
- Tank inspection hatch and easily removable front panel

Benefits

- For energy efficient, cost effective operation
- Complies with building regulation requirements
- Low noise levels for occupied areas
- Flexible flue installation
- For ease of installation into tight spaces
- Assists access for maintenance and service

Technical Specification



For full specification please go to www.andrewswaterheaters.co.uk

Service plans. We provide expert, professional support which ensures optimum performance is maintained throughout the lifetime of your water heater.

“ These units are ideal for our requirements, being capable of operating not only on natural gas but also on LPG ”

FASTflo water heaters are compact, lightweight and available for vented or unvented systems with flueing options available to suit most applications. Portable Toilets Ltd (PTL) of Bridgend, manufacturer of sanitation hire solutions, has selected Andrews Water Heaters for exclusive use in its range of portable shower units.

Portable Toilets Ltd.



For situations where a continuous flow of hot water is required, FASTflo offers a very flexible, reliable and robust solution. They can be wall hung or floor mounted. Two models are available; one for Natural Gas and the other for LPG. FASTflo can be combined in multiples of up to six units to provide a plentiful supply of instant hot water. FASTflo Plus is a fully condensing natural gas version with an efficiency of 103% net. It has a heat input of 54kW and will provide 15 litres per minute through a 56°C rise.

FASTflo instantaneous water heater

Features

Up to 15 litres per minute

Internal or external models available

Copper finned tube heat exchanger

5:1 fully modulating burner

Flexible flueing options

Compact, light and robust construction

Factory fitted frost protection

Benefits

Satisfies the most demanding applications

Flexible siting, especially where space is at a premium

Low maintenance, reliable and robust

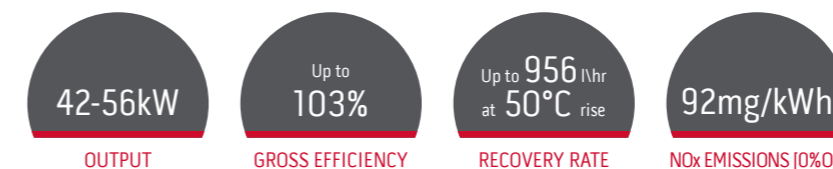
Adjusts the burner to meet the desired water temperature with no stand-by heat loss

Suits most applications

Can be installed quickly, saving time on site

Can be installed externally and in areas without heating (external model only)

Technical Specification



For full specification please go to www.andrewswaterheaters.co.uk

Service plans. We provide expert, professional support which ensures optimum performance is maintained throughout the lifetime of your water heater.



“ The support provided by Andrews Water Heaters was excellent. They accompanied us on the initial site assessment, returned post-installation to check that all had gone well, and also carried out the commissioning. All in all, a great service ”

Two MAXXflo 300 litre condensing stainless steel storage water heaters, preheated by two SOLARflo 800 litre preheat solar collectors are delivering reliable, constant hot water with reduced carbon emissions for the residents at Cae Garnedd Extra Care Housing Facility in Bangor.

Paul Rowe, Mechanical Director at MA Cooper Projects Ltd.



Renewable solar energy can be harnessed using a solar thermal system to generate domestic hot water. A well designed system can significantly reduce the carbon emissions associated with hot water production, compared to using grid supplied electricity or fossil fuels such as gas or oil.

Andrews Water Heaters SOLARflo is a comprehensive range of solar thermal systems, available in either kit form as a pack or bespoke to suit any commercial application.

SOLARflo range

Features

Eight standard kits with capacities from 450 to 2500 litres, available with either single coil as pre-heat or twin coil cylinders

Bespoke systems available to order to suit any size commercial application

All packages available with flat plate collectors, direct flow evacuated tubes or heat pipe evacuated tubes

All items contained in the package to complete the installation

Solar Keymark and MCS certification for all collector types

Roof mountings available for all roof types and styles

Benefits

A package for most applications as pre-heat to a gas fired water heater or for use with commercial boilers

Full integration of solar thermal into the most demanding scheme offering high performance and flexibility

Solar collectors to suit any application and building style

Offers ease of installation for the contractor saving time and effort on site

Allows end user access to government incentive schemes

Easily installed into any commercial application

For full specification please go to www.andrewswaterheaters.co.uk

Service plans. We provide expert, professional support which ensures optimum performance is maintained throughout the lifetime of your water heater.



“ Every serving, we get through 300 or 400 dishes, and that’s just for starters ”



B
Efficiency Rating



For bigger applications that require larger quantities of hot water, the Hiflo atmospheric range of water heaters is the perfect solution. Six models are available, ranging from 33kW to 101kW all with top or side water connections to offer flexible installation options.

Hiflo range

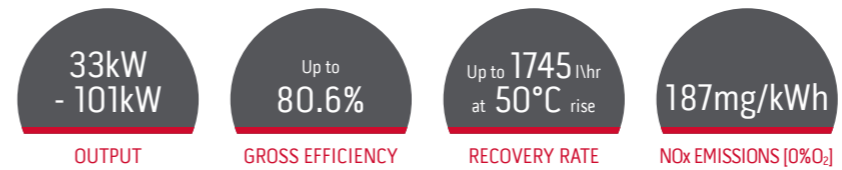
Features

- Six models from 33kW to 101kW
- Top or side mounted water connections
- A recovery rate of up to 1745 litres per hour
- Factory installed Hydrojet® sediment reduction system
- Inspection door fitted to all models
- Natural Gas or LPG

Benefits

- Wide range to suit many applications
- Flexible installation options for the installer
- Excellent hot water performance
- Gives a longer and more efficient working life
- Assists access for maintenance and service
- Available for off mains gas areas

Technical Specification



For full specification please go to www.andrewswaterheaters.co.uk

Service plans. We provide expert, professional support which ensures optimum performance is maintained throughout the lifetime of your water heater.



“ To me, the best warm down is a hot shower ”



The COMBiflo condensing stainless steel water heater, with space heating capability, produces both hot water and heating from a single heat generator and storage vessel enclosed in one cabinet.

Combining up to three gas fired heat exchangers ensures a virtually instantaneous supply of up to 2240 litres per hour of hot water (at a 50°C rise) or 150kW of space heating.

Available in two outputs – 100 and 150kW, both with a 300 litre stainless steel storage tank – the COMBiflo can also be combined in multiples where even greater volumes of hot water or heating are required.

COMBiflo Condensing Water Heater

Features

Pre-packaged hot water and heating in one cabinet

Water heater and space heating capability

Compact and lightweight design that can be split into two parts

Almost instantaneous hot water generation of up to 2240 L/hr and small integral 300L storage tank

Up to three gas fired heat exchangers

Benefits

Quick and easy to install, saving time on site

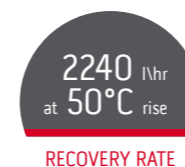
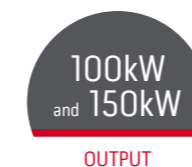
No need for separate appliances, saving space and ideal for smaller plant rooms with space constraints

Easy to manoeuvre within a building; ideal for retrofit applications where plant rooms and/or access space may be limited

Reduction in standing heat losses and levels of hot water generation, saving energy and costs

Built in redundancy ensures a constant supply of hot water or heating

Technical Specification



For full specification please go to www.andrewswaterheaters.co.uk

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The Standard range of atmospheric, water heaters are very robust and reliable, manufactured using tried and tested technology. They are standalone gas fired water heaters that can be installed on vented or unvented systems. They are quick and easy to install, particularly as replacements for existing water heaters, and are straightforward to service and maintain.



With all the advantages of the Standard and Hiflo ranges, the Fan flued range has the addition of a fan assisted flue, making it the perfect choice for installations where longer flue runs are required.

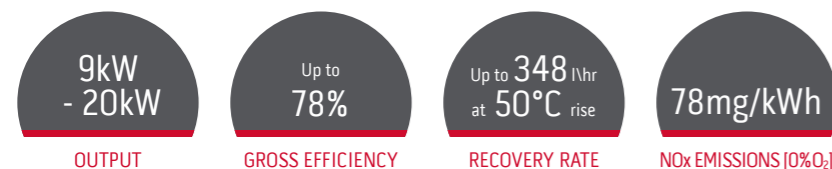
Standard range of gas storage water heaters

Features

Benefits

Five models, from 12kW to 26kW	A suitable model for replacement applications
Recovery rates of up to 348 litres per hour at 50°C rise	High volumes of hot water available
Vitraglas® lined storage tank	Thermally efficient water storage. Protects glass lining and reduces service and maintenance time and costs
Factory installed Hydrojet® sediment reduction system	Longer and more efficient working life
Natural gas or LPG	Available for off mains gas areas
Supplied with draught diverter, gas cock and water drain valve	Easy, cost effective installation straight out of the box

Technical Specification



For full specification please go to www.andrewswaterheaters.co.uk

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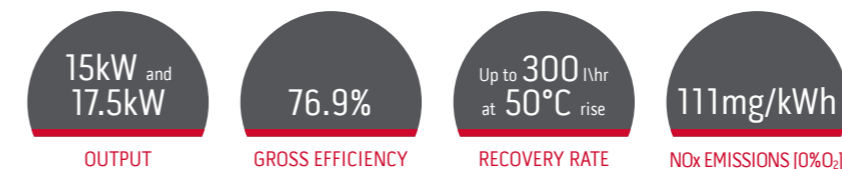
Fan flued range

Features

Benefits

Two models, 190 and 280 litres storage capacity	Provides instant hot water for peak demands
Recovery rate up to 300 litres per hour	Excellent hot water recovery rate
Vitraglas® lined storage tank	Thermally efficient water storage. Protects glass lining and reduces service and maintenance time and costs
Factory installed Hydrojet® sediment reduction system	Longer and more efficient working life
Supplied with draught diverter, gas cock and water drain valve	Easy, cost effective installation
80mm diameter horizontal or vertical flue kits available	Flexible siting and longer flue runs

Technical Specification



For full specification please go to www.andrewswaterheaters.co.uk

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The Andrews Water Heaters Balanced Flue range of storage water heaters offers all the advantages of a standard water heater but with the additional benefit of a balanced flue. The concentric flue system draws air from outside the building so it is suitable for properties where the air might be contaminated such as dry cleaners and hair salons where chemicals are used, or supermarkets.

Balanced Flue RSC

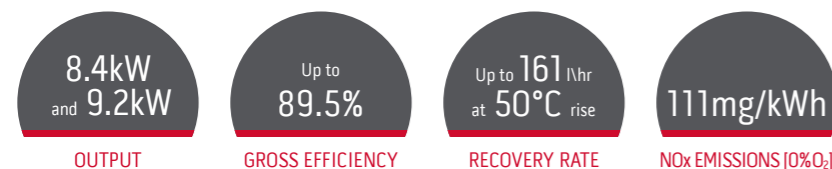
Features

Two models available, 8.4kW and 9.2kW
Recovery rates of up to 348 litres per hour at 50°C rise
Vitraglas® lined storage tank
Factory installed Hydrojet® sediment reduction system
Natural gas or LPG
Supplied with draught diverter, gas cock and water drain valve
Room sealed combustion chamber

Benefits

A suitable model for replacement applications
High volumes of hot water available
Thermally efficient water storage. Protects glass lining and reduces service and maintenance time and costs
Longer and more efficient working life
Available for off mains gas areas
Easy, cost effective installation straight out of the box
Suitable for room sealed applications

Technical Specification



For full specification please go to www.andrewswaterheaters.co.uk

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The HEXflo plate heat exchanger provides an instantaneous supply of domestic hot water to taps and showers in commercial and public sector buildings. If gas fired water heaters are not a suitable or feasible option, due to design or flue restrictions, plate heat exchangers are an effective alternative, offering the benefits of being economical, flexible and easy to install and use, while also saving space.

The primary heating side is fed from a buffer store that can be heated by gas or biomass boilers, immersion heaters or combined heat and power units. HEXflo can be fitted as a single appliance or, if larger volumes of hot water are required, as a cascade of up to four units.

HEXflo Plate Heat Exchanger

Features

Wall mounted unit
Instantaneous delivery of hot water
No flue or gas supply required
Available as single or cascade unit options
56kW brazed heat exchanger
Compatible with any heat source (boilers, CHP, biomass)

Benefits

Less space required within the plant room
No domestic hot water storage vessel required meaning less space is required in the plant room
Flexible location options allow for quicker and cheaper installation
Larger volumes of water can be delivered from a small space
Fast heat up time allows for speedy delivery of hot water to the outlets
Energy efficient solution for a wide range of applications

Technical Specification



For full specification please go to www.andrewswaterheaters.co.uk

Service plans. We provide expert, professional support which ensures optimum performance is maintained throughout the lifetime of your water heater.

How we can support you

We understand that it is critical for our clients to have an uninterrupted flow of hot water so you can be certain of our continuous support.

✔ Dedicated Engineers

We have our own dedicated team of commercial gas engineers who can commission, service, maintain and repair our products.

✔ Comprehensive Support

Our technical team can assist on the telephone or email as required.

✔ Extended Warranties

We offer extended warranties for extra peace of mind.

✔ Spares and Accessories

Genuine spare parts are available nationwide.

✔ Technical and Product Information

All the technical and product information you need is easy to find on our website:

- BIM files
- CAD files
- Brochures
- Technical specification sheets
- Case studies
- Installation manuals
- User guides

NOTES



NOTES

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NOTES

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RS 33961



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