



HIGH EFFICIENCY BOILERS
FOR A RANGE OF LIGHT
COMMERCIAL APPLICATIONS



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Founded in 1948 in the Netherlands, ATAG Commercial designs and manufactures high-quality condensing boilers for both domestic and commercial applications. The company is a major player in the heating market and serves the majority of European countries with a distinctive positioning and a consistent product range.

Manufactured from the highest quality materials to ensure years of trouble-free use, all ATAG boilers are designed with ease of access to key components for servicing and repairs, should they ever be required.

Why ATAG Commercial?

We are committed to helping and supporting our customers, ensuring they get the most out of our boilers and heating systems. By offering comprehensive technical, maintenance and service support, ATAG Commercial is always available to respond to the needs of engineers and their customers nationwide.

More companies are choosing ATAG Commercial as a preferred boiler supplier

Our boilers have proven to be highly successful throughout the UK for many years, where they have been utilised in a range of domestic and commercial applications. A combination of high quality, durability, reliability and ease of installation have ensured our boilers remain leaders in their class.



ATAG Commercial's new floor-standing XL-F boiler at Monmouth School for Girls



Sector:
Education

Boiler:
XL-F



The XL-F offers outputs of 70 to 200kW from a single boiler and up to 1.6MW in cascade. All models benefit from an excellent footprint to power ratio for greater flexibility.

- Dual heat exchanger design for built-in redundancy
- Main components (inc. pump and non-return valves) integrated within the boiler
- The seasonal efficiency for the XL-F range is >96% and the XL180F installed in the school has a gross seasonal efficiency of 96.4%
- Easy manoeuvring and connection
- Low NOx and maximum BREEAM credits
- 7 years parts and labour warranty that can be increased to 10 (terms and conditions apply)

A brand new floor-standing boiler from ATAG Commercial has been installed at Monmouth School for Girls in Wales. The 180kW XL-F floor-standing unit has been supplied with an integrated plate heat exchanger as a backpack solution and replaces two antiquated boilers. The new unit now provides heating and hot water for both the Allandale office building and art block at the Haberdasher-owned school. The project was overseen by Gwent-based heating consultants and engineers Pritchard Services Ltd.

Phil Pritchard, Sales and Technical Director at Pritchard Services Ltd, explained: "We've been using ATAG Commercial's boilers on a wide range of applications for over eight years. Their boilers offer a quality construction, are extremely efficient and highly reliable. For this particular job at Monmouth School for Girls, the new XL-F boiler was perfect for the situation, as everything was housed inside a single unit. We'd usually have to install a frame and a cascade, but the XL-F had a simplified arrangement – from wheels on the unit through to one single flue, as opposed to multiples – not to mention a heat output perfect for the school's requirements. It literally couldn't be better!"

The new floor-standing boilers from ATAG Commercial boast dual heat exchanger technology, which Phil was also keen to praise: "Having two heat exchangers inside the unit saves us having to put multiple boilers in cascade, plus, having all the wiring housed in the one cabinet helps installation time.

In addition, being able to add a plate heat exchanger ensured there were no issues connecting the new boiler to the school's existing heating system, in line with the customer's requirements, while it will also play a valuable role in preventing water contamination."

As consultants, Pritchard Services Ltd has worked with the school for over four years, offering key advice on the most efficient heating technologies available for its requirements, while adhering to the necessary budgets. For this particular project, the company deemed the ATAG Commercial boiler to be the best suited – and most energy efficient – for the job in hand.

Darren Williams, Estate Manager at Monmouth School for Girls, added: "We have an excellent relationship with Phil and Pritchard Services Ltd. When they recommended this boiler to replace the existing, older units, we were confident it would meet all our heating and hot water requirements, while ensuring emissions and fuel bills were kept to a minimum."

Robbie Price, installation engineer at Pritchard Services Ltd, was equally impressed with the XL-F, stating: "The floor-standing ATAG Commercial boiler was so simple to install. It's an excellent idea having the unit on castors, as this made it easy to transport off the vehicle, down the ramp and into the plantroom. It was also well-packaged, while the backpack with plate heat exchanger and boiler design aided installation further – it really is a step forward in boiler design when compared to other models on the market."

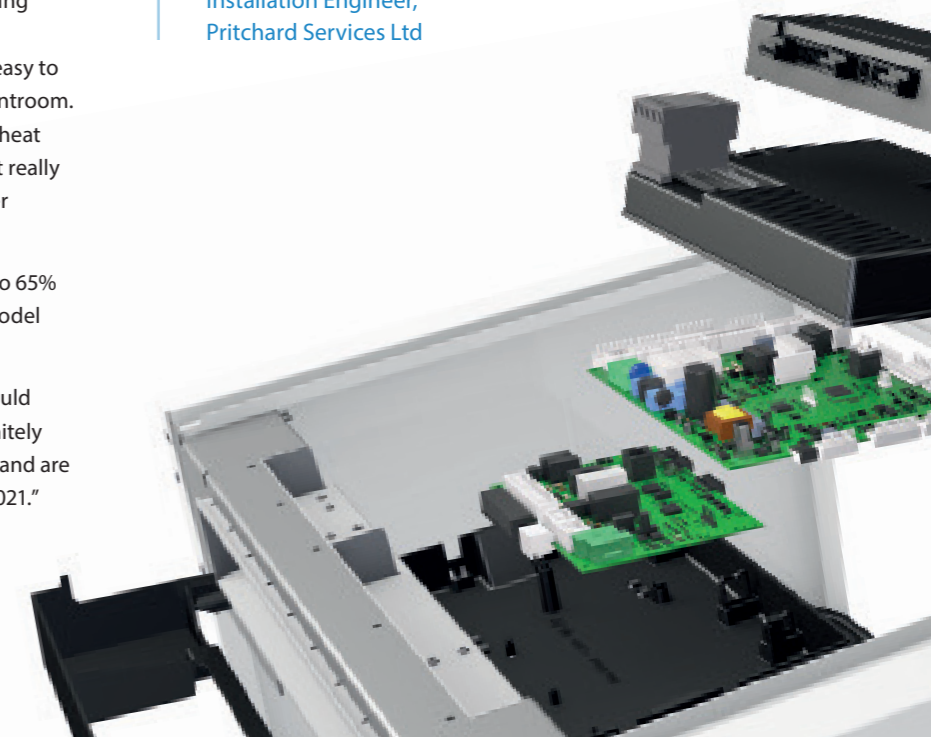
Phil concluded: "The previous boilers offered around 60 to 65% thermal efficiency, whereas the new ATAG Commercial model is phenomenal.*

It's much more efficient, with low NOx emissions, so it should result in greater energy savings for the school. We're definitely keen to use these boilers on more projects in the future – and are already looking at the possibility of using them again in 2021."

"The floor-standing ATAG Commercial boiler was so simple to install... It really is a step forward in boiler design when compared to other models on the market."

Robbie Price

Installation Engineer,
Pritchard Services Ltd



ATAG Commercial helps heat historic East Sussex School



Sector:
Education

Boiler:
QR Series



ATAG Commercial's QR Series boilers boast a stainless steel heat exchanger, burner control unit with LCD display, built-in pump and an integrated zone management system for up to three central heating zones.

- Outputs from 25kW to 60kW
- Built-in LMS controller and non-return valve
- Multiple flue options available
- 5-year parts and labour warranty as standard

A Q38SR and Q51SR boiler from ATAG Commercial have both been installed at Battle Abbey School in East Sussex as part of an upgrade to the existing heating system, which was completed in June 2020.

Founded in 1912, Battle Abbey School is located across multiple sites, including the grounds of the historic Battle Abbey itself, which is home to the main school buildings, as well as boarding facilities for students.

Both of the boilers fitted are part of ATAG Commercial's QR Series range, with the Q38SR providing heating and hot water for the boarding area of the school, whereas the Q51SR is located in the performing arts centre. The heating system refurbishment was overseen by East Sussex-based plumbing and heating specialist PJ Clifford Ltd.



Commenting on the installation, Peter Clifford, Director at PJ Clifford Ltd, said: "The old boilers had come to the end of their natural lifespan, so we selected new, more energy efficient models from the ATAG Commercial QR Series range. They were perfect for the project, not only in terms of robustness and reliability, but also in their range of outputs."

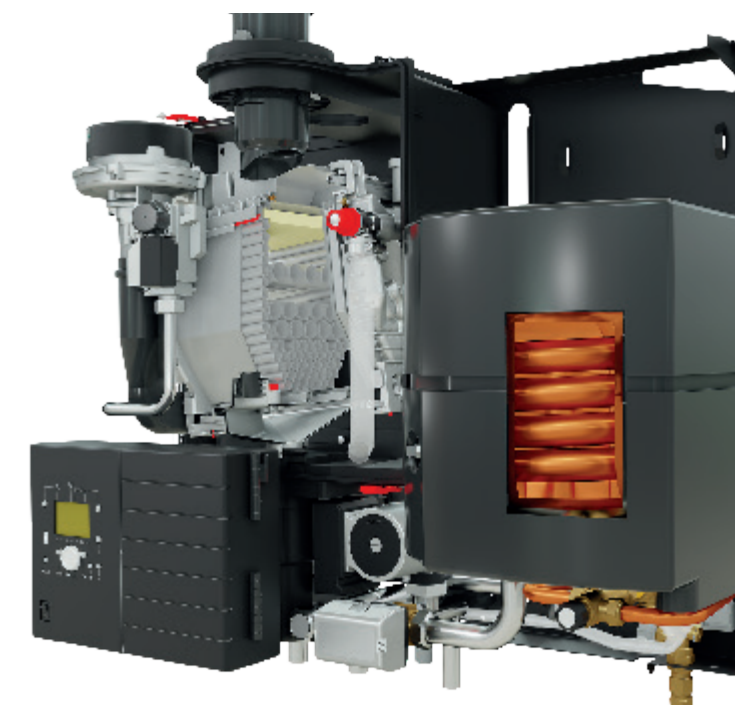
He continued: "I've been fitting ATAG Commercial boilers for over a decade, including a number of their XL range in various school plantrooms throughout the area. The company is very easy to deal with, providing excellent customer support and aftersales services. I'm also impressed by the excellent array of varied flue options available for their boilers, which adds even greater flexibility when working on installations in schools. Taking these factors into account, as well as the fact the QR boiler is a robust product and the hardest wearing in its range, it was common sense to install them at Battle Abbey School."

Battle Abbey School also has sites in the coastal town of Bexhill, where its nursery, prep school and swimming pool facilities are located. PJ Clifford had previously installed ATAG Commercial's XL Series boilers in these locations.

Recalling fitting these boilers, Peter Clifford explained: "The heat exchangers in ATAG Commercial's boilers are made from stainless steel, which had additional benefits for this job, particularly in the coastal sites, where there is a sea mist and a lot of salt in the air, especially on windy days. If salty air is drawn into the boiler, the stainless steel offers greater resistance to corrosion and better longevity."

"They were perfect for the project, not only in terms of robustness and reliability, but also in their range of outputs."

Peter Clifford
Director, PJ Clifford Ltd



ATAG Commercial helps Bristol Grammar School



Sector:
Education

Boiler:
XL Series



For specifiers demanding the highest levels of efficiencies, the XL and its stainless steel heat exchanger are sure to deliver.

- Powerful outputs from 70kW up to 960kW
- Low NOx emissions of less than 30mg/kWh
- Flexible cascade design available in-line, back to back or free standing

Nine XL140 and four XL70 boilers from ATAG Commercial have been installed at Bristol Grammar School in University Road, Bristol, as part of an extensive heating system refurbishment. Seven of the XL140 boilers are in the school's main plantroom, while the other two are located in the Sixth Form Block.

There are two XL70 units in the Junior & Infant Block, with the remaining pair housed in the school's Princess Anne Building. The boilers were fitted by Bristol-based Octagon Heating Services Ltd.

The XL140 boilers in the main plantroom were installed with a plate heat exchanger instead of a low velocity header, allowing the school's heating system to remain open-vented and the boiler circuit pressurised. Plus, the plate heat exchanger also protects the new boilers from any debris entering them from the old heating system.



Commenting on the installation, Julian Hopkins, Managing Director, Octagon Heating Services Ltd, said: "We have worked with ATAG Commercial on dozens of projects since 2006, so are well aware of the quality and efficiency of their boilers. The XL140s were chosen for this particular project due to the combination of their high efficiency, reliability, 5-year warranty and prefabricated header system. Plus, all our engineers have been trained to commission, service and repair ATAG boilers, so they were the natural choice for this job."

The XL140 boilers were installed in July 2017, while the XL70 units in the Princess Anne Building and Junior & Infant Block were fitted in 2015 and 2014 respectively.

In terms of the boilers' environmental credentials, Julian added: "Octagon Heating Services and our clients are always careful to use equipment that exceeds the requirements for emissions, including NOx. ATAG Commercial boilers boast low NOx values, whereas some of the original units from the school used pressure jet type burners; as a result, energy efficiency will improve. In addition, fuel savings are regularly achieved when we replace aged boilers with newer, more efficient models."

The XL Series from ATAG Commercial boasts impressive performance, reliable engineering and flexible cascade arrangements, as well as a renowned stainless steel heat exchanger and speed-controlled pump. Quick and simple to install, these boilers are available in outputs of 70kW, 110kW and 140kW, with all models benefitting from low NOx values.

"We have worked with ATAG Commercial on dozens of projects since 2006, so are well aware of the quality and efficiency of their boilers."

Julian Hopkins

Managing Director,
Octagon Heating Services Ltd



XL Series - heat exchanger

ATAG Commercial delivers modern heating to historic Hungerford hotel



Sector:
Hospitality

Boiler:
XL-F Series



Compact, lightweight and efficient, ATAG Commercial's first floor-standing units are available in outputs of 70 to 200kW from a single boiler and up to 1.6MW in cascade.

- Efficiency up to 98.3%
- Reduced annual NOx emissions (22.6 mg/kWh)
- 2 BREEAM credits
- Dual heat exchanger design

ATAG Commercial has supplied four floor-standing XL-F boilers to the historic Littlecote House Hotel, Hungerford, replacing four antique units as part of a major plant room renovation. This was the first installation of the XL-F in cascade in the UK.

Founded in the mid-1500s, this Grade I listed Tudor manor has 208 bedrooms, a leisure club, restaurant and spa – all of which required a modern and reliable heating system.

In order to fulfil Littlecote House Hotel's requirements, three XL210F and one XL180F floor-standing boilers were specified and installed in early 2021; the whole process was undertaken and managed by Fareham-based mechanical & electrical building service engineers, J&B Hopkins Ltd.



Old boiler room

The new boilers benefit from dual heat exchanger technology, which provides built in redundancy, while creating a cascade system within a single unit. The XL-F boiler utilises 'plug and play' technology, with the pumps, water non-return valves and flue non-return valves neatly integrated inside, resulting in reduced set-up time and costs.

Commenting on the installation, Chris Powis, Regional Project Manager at J&B Hopkins Ltd, said: "The project was devised with floor-standing boilers in mind; in this arrangement, the high levels of efficiencies and reduced NOx emissions should ensure lower fuel bills for the hotel in the future. Plus, the after sales team at ATAG Commercial provided excellent technical back-up and support with any queries that we had which helped the project run smoothly."

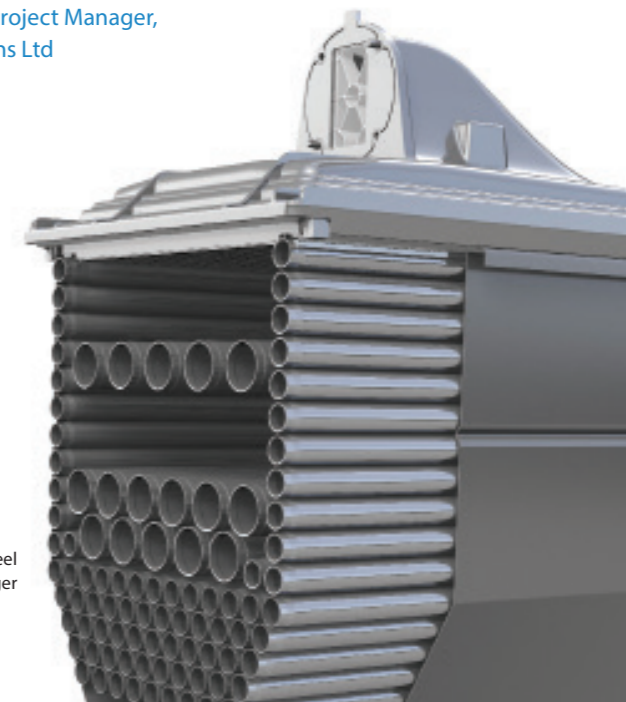
All models benefit from an excellent footprint to power ratio for greater flexibility in terms of installation. This also enables them to be fitted in small spaces and plant rooms, as well as easily accessed for maintenance.

Remarking on the refurbishment, Dean Lavisher, Head of Facilities at Bourne Leisure Group added: "The new ATAG Commercial boilers achieve exactly what we needed for our guests. Ever since they were installed, we haven't had any water issues whatsoever; the temperatures are now perfect and we never run out of hot water, as we have done in the past. We are now meeting our budgeted utilities targets, whereas before we struggled - while I'm sure we'll benefit from more savings in the future."

"The project was devised with floor-standing boilers in mind; in this arrangement, the high levels of efficiencies and reduced NOx emissions should ensure lower fuel bills for the hotel in the future."

Chris Powis

Regional Project Manager,
J&B Hopkins Ltd



Stainless steel heat exchanger

ATAG Commercial boilers fitted as part of care home renovation



Sector:
Care Homes

Boiler:
XL Series



For specifiers demanding the highest levels of efficiencies, the XL and its stainless steel heat exchanger are sure to deliver.

- Powerful outputs from 70kW up to 960kW
- Low NOx emissions of less than 30mg/kWh
- Flexible cascade design available in-line, back to back or free standing

Three XL140 boilers from ATAG Commercial have been installed at Norman Lodge, a residential care home in Bradford, as part of a major renovation project – which included refurbishing the heating system. The project saw the boilers fitted alongside a CHP unit, independent water heaters and calorifiers, replacing the building's original, 25-year-old heating system. The installation was completed in February 2019.

Norman Lodge is managed by City of Bradford Metropolitan District Council. The council has long been a customer of ATAG Commercial, which has resulted in the company's boilers being installed in a variety of locations throughout the Yorkshire area.

Terry Nichols, Mechanical Works Officer at City of Bradford Metropolitan District Council, explained: "We have been using ATAG Commercial's boilers for over a decade, as part of our rolling technical programme where we replace or upgrade the plant rooms in our properties."



XL boilers are usually the products of choice, as they are such reliable and economical units, with their dual burners making them perfect for applications such as schools and care homes. They can also be used in cascade, which is a great advantage from an installation perspective."

Commenting on the Norman Lodge project, he continued: "The previous plant room contained a lot of steel, which was replaced by modern, carbon fittings. New boiler housing and heating circuits were also fitted alongside the XL boilers. The new heating system will ensure care home residents are kept nice and warm, while we know from past experience that using ATAG Commercial boilers can reduce energy bills by up to a third."

Norman Lodge is a single storey, purpose-built home providing residential care and a day care resource centre for older people. The home provides residential care for people who require respite, rehabilitation, assessment, and long-term care. The home functions from four wings with each unit having a lounge, dining and kitchen area. The rehabilitation and respite wings have specialist equipment to enable independent living.

Phil Webster, Area Sales Manager at ATAG Commercial, added: "We have a strong relationship with City of Bradford Metropolitan District Council, with their internal design team frequently working alongside our sales and technical staff to ensure the correct equipment is always installed. This particular project was excellent to work on, given the variety of equipment fitted in the plant room and the end result of providing elderly residents with ample heating and hot water."

"We have been using ATAG Commercial's boilers for over a decade, as part of our rolling technical programme where we replace or upgrade the plant rooms in our properties."

Terry Nichols

Mechanical Works Officer,
Bradford Metropolitan District Council



ATAG Commercial helps Botanic Ravine reach tropical temperatures



Sector:
Hospitality

Boiler:
XL Series



For specifiers demanding the highest levels of efficiencies, the XL and its stainless steel heat exchanger are sure to deliver.

- Powerful outputs from 70kW up to 960kW
- Low NOx emissions of less than 30mg/kWh
- Flexible cascade design available in-line, back to back or free standing

Four XL Series boilers from ATAG Commercial have been installed as part of an extensive refurbishment of the Botanic Gardens Tropical Ravine, a listed building located in the heart of Belfast. Three XL140 and one XL70 were fitted in cascade at the unique venue, which is home to many tropical and native plants. The new boilers were installed in June 2017, with the entire refurbishment being completed and opened in May 2018.

The Tropical Ravine management was aware the heating system had become old and inefficient, so contacted Belfast-based Hanna Mechanical Services to investigate a means of improving the situation.

The company carried out works to a newly formed plantroom, which included a network of stainless steel pipework supplying low water temperatures to emitters in a hypocaust to achieve the tropical environmental conditions required. Rain water harvesting equipment was also installed, in order to recirculate water to the internal plumbing for ponds and the venue's 'mist system'. When it came to selecting the gas boilers at the heart of the application, they turned to ATAG Commercial and the XL Series.



Commenting on this decision, Glenn Coburn, Contracts Manager at Hanna Mechanical Services, said: "We've used ATAG Commercial's boilers on many previous projects, due to their great build standards and high quality cascade capabilities. Installing them at the Tropical Ravine should not only prove more economical in terms of lower fuel bills, but should also result in significant energy savings when compared to the previous boiler plant."

The XL Series is part of ATAG Commercial's highly efficient range of gas-fired boilers, boasting impressive performance, high quality and reliable engineering, plus flexible cascade arrangements. XL boilers are available in outputs of 60kW, 95kW and 120kW, with all models achieving best in class NOx emissions less than 30mg/kWh.

Each XL Series commercial boiler incorporates an extremely efficient and durable stainless steel heat exchanger. Its specially designed hydraulic chambers and smooth tubes ensure water turbulence is optimised for maximum heat transfer, while maintaining the lowest possible pressure drop.

The Botanic Gardens Tropical Ravine contains some of the oldest seed plants around today, as well as banana, cinnamon, bromeliad and orchid plants. It was built in 1889 by the park's then head gardener, Charles McKimm, and his staff. The Ravine shows how technology allowed gardeners to cultivate unusual species in a greenhouse environment. Features of interest include a plant-filled sunken glen, flowering vines, tree ferns and leaf silhouettes.

"We've used ATAG Commercial's boilers on many previous projects, due to their great build standards and high quality cascade capabilities."

Glenn Coburn

Contracts Manager,
Hanna Mechanical Services

