

New!

ATAG

XL

Maximum output in the box.

XL 70
XL105
XL 140



The Most economical boiler with the Lowest Life Time Costs

ATAG, is a proven manufacturer of the most economical condensing boilers and offers the most efficient installations for institutional and utility buildings. The new ATAG XL, is a high-capacity wall or frame mounted boiler, allowing the cascading of these high capacity units into the smallest foot-print. The ATAG XL is suitable for new buildings and renovations ranging from 70 kW to 1.1 MW.

ATAG

The same technology, which enabled ATAG to produce the most economical condensing boiler, has also been used for the ATAG XL. The patented OSS heat exchangers made of stainless steel, ensures ultra-high efficiency of >109,3 % (EN677), with the lowest life time emissions. The stainless steel heat exchanger requires a minimum of maintenance unlike aluminium heat exchangers. This reduces the frequency of maintenance. Resulting in the ATAG XL cascade being the logical choice for the client, providing the installation with the lowest 'total costs of ownership'.

The ATAG XL in Cascade is the ultimate solution for heating large buildings where high demands are placed on energy saving, CO₂ and NO_x reductions.

Comprehensive offering

As standard, the XL boilers are fitted with energy efficient modulating boiler pumps. So, there is no need to order expensive boiler pumps separately. A cascade manager with a full time programmer has been included in the intelligent control system. The Cascade boilers are connected to each other by a single cable. Each ATAG XL boiler controller, has a simple push button menu on the front of the boiler. A large illuminated screen displays text and symbols that are related to the operational status, and explains the set up and menu read-out. The illuminated display makes use of a traffic light system of colours for 3 different user-levels.

The XL can be controlled in many ways, it has a standard OpenTherm connection, an on / off

contact plus a 0-10 Volt connection. This de-skills the connection of any controllers and building management systems. In this way, the ATAG XL can be quite easily and quickly installed and connected to new and existing control systems

The ATAG XL-Series consists of 3 sizes of boilers, with capacities of ,70, 105 and 140 kW. It is possible to have a combined configuration

resulting in a cascade assembly that meets the required design capacity. All boilers from the XL-series have the same compact outside measurements and together with the hydraulic systems they present an extremely economical and efficient installation requiring minimal space. The attractive boiler casings combined with the neat hydraulic header arrangement, ensures a professional finish to all installations. The XL's unique features allows for the maxi-

Standard built-in:

- Boiler pumps
- Cascade manager
- Time programmer
- Illuminated screen with text and symbol information display
- Three different screen colours for various programme levels
- OpenTherm connection
- On/off contact
- 0-10 Volt connection
- DHW control

Lowest total cost of ownership

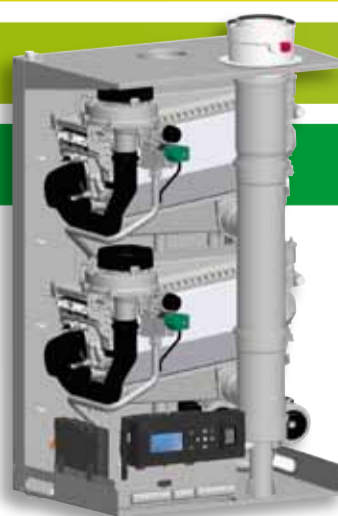
Highest efficiency in the market (109,3% and higher)

Lowest gas usage

Lowest maintenance intervals

All extra's are included

Plug & Play



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New! ATAG XL

Maximum output in the box.

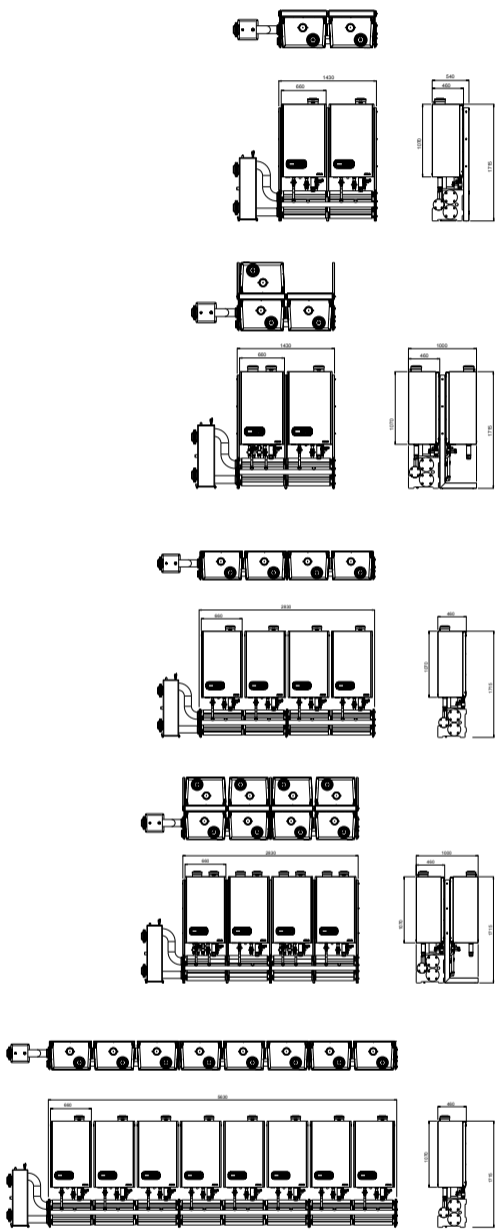


Lowest total cost of ownership

Highest efficiency in the market (109,3% and higher)

Maximum output / power in minimum space

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mum capacity of 1.1 MW using only 8 boilers, i.e. maximum capacity in a minimal space. This configuration uses a surface of less than 2.7 m2 and only 2.9 m3 in volume. Providing the highest capacity in the smallest of space.

Modular system

The ATAG XL is a wall or frame -mounted boiler and together with the manifold (the hydraulic system of flow, return pipes, gas pipes) and connection sets forms a compact unit. If the boiler room requires a detached solution, then ATAG XL's delivery programme provides frames for a detached line assembly or an assembly whereby the boilers are mounted back to back. Everything is modular and fits together like building blocks. A frame, for instance, only consists of 3 coupling components. The following assemblies are possible:

- 2 to 8 boilers, wall-mounted and in line.
- 2 to 8 stand-alone boilers, mounted on a frame and in line.
- 3 to 8 stand-alone boilers, mounted back to back on a frame.

The hydraulic systems are available in modules for 2 or 3 boilers fitted with twin-connections for back to back assemblies. The same applies to the gas pipe. Cascade assemblies with capacities up to 525 kW are connected to DN65 pipes. Capacities exceeding 525 kW are connected to DN100 pipes. The gas pipe diameter also has 2 varieties, being DN50 and DN65.

The connection sets between the boiler and manifolds are fitted with gas valves, service valves (with connections for supply - drainage valves and overflow), couplings and check-valves. If an external boiler is to be connected,

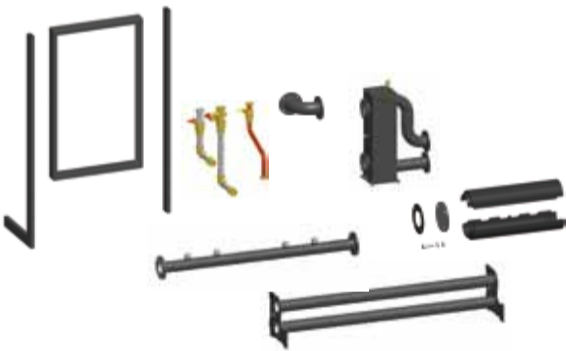
in combination with the XL 70, an optional three-way valve has to be fitted.

The optional insulation packages are made of high quality insulation foam and are available for the hydraulic pipework leading from the boiler to the hydraulic header.

The ATAG XL70 is the “smallest of the series” and may be fitted with an optional three-way valve for a direct connection of a DHW cylinder. DHW control comes standard with the boiler control system.

All extra’s are included

Plug & Play



ATAG XL			XL70	XL105	XL140
Input nominal	CH, Hs	kW	68,4	104,3	136,7
Output nominal	CH, F/R=80/60°	kW	60,0	91,5	120,0
Output nominal	CH, F/R=50/30°	kW	65,4	99,8	130,9
Efficiency according EN677	CH, Hi F/R=80/60°	%	97,3	97,3	97,3
Efficiency 30%* according EN677	CH, Hi F/R=36/30°	%	109,3	109,3	109,3
Height		mm	1050	1050	1050
Width		mm	660	660	660
Depth		mm	450	450	450
Installation height		mm	1750	1750	1750
Flow / Return	external thread		1½"	1½"	1½"
Gas	external thread		1¼"	1¼"	1¼"
Flue / air intake	parallel	mm	100/100	100/100	100/100
	concentric, Ø	mm	100/150	100/150	100/150
Weight	total	kg	62	83	87
	installation	kg	54	72	76
IP classification			X4D	X4D	X4D
PC connection			ja	ja	ja
* including pumps					

Service and support

ATAG's own professional team can offer you support with implementation and servicing your new XL Cascade system.

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The ecological choice

ATAG