Technical Information

Boiler type		COMBI			SOLO			
		Q25C	Q38C	Q51C	Q25S	Q38S	Q51S	Q60S
Energy efficiency class*	kW	A/A	A/A	A/B	A	A	A	A
Nominal Heat Input Gross (Htg)	kW	25	38	51	25	38	51	60
Nominal Heat Input Net (Htg)	kW	22.5	34.2	45.9	22.5	34.2	45.9	54
Nominal Heat Input Net (DHW)		34.9	37.9	50.9	-	-	-	-
Efficiency class according BED		★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Efficiency according EN677 (36/30°C part load, Hi)	%	109.7	109.1	109.3	109.7	109.1	109.3	109.3
Efficiency according EN677 (80/60°C full load, Hi)	%	97.5	97.4	97.3	97.5	97.4	97.3	97.3
Modulation range CH (capacity 80/60°C)	kW	6.0-21.9	6.0-33.3	8.8-44.7	6.0-21.9	6.0-33.3	8.8-44.7	8.8-52.5
Modulation range CH (capacity 50/30°C)	kW	6.8-23.9	6.8-36.3	9.8-48.7	4.9-23.9	6.8-36.3	9.8-48.7	9.8-57.3
NOx class EN483			5			5		
Flue gas temp CH (80/60°C on full load)	°C	68	69	70	68	69	70	70
Flue gas temp CH (50/30°C on low load)	°C		31			31		
Gas consumption G20 CH (DHW) (at 1013 mbar/15°C)	m^3/h	2.38 (3.33)	3.62	4.86	2.38	3.62	4.86	5.71
Electr. power consumption max.	W	106	165	150	106	165	150	168
Electr. power consumption stand by\	W		10			10		
Current	V/Hz		230/50			230/50		
Fuse rating	A		5			5		
Degree of protection according EN 60529			IPX0D			IPX0D		
Weight (empty)	kg	79	79	89	50	53	64	64
Width	mm	840	840	1000	500	500	660	660
Height	mm		680			680		
Depth	mm		385			385		
Water content CH	L	5	5	7	3.5	5	5	7
Water content DHW	L	14	14	14	-	-	-	-
Water pressure min/max.	bar		1/3			1/3		
Water pressure DHW max.	bar		8			-		
Flow temperature CH max.	°C		85			85		
Residual pump head	kPa	29	20		32	22	-	-
SEDBUK Rating			A			A		
DHW flow rate (at 38°C)	L/min	13.4	16.6	23.2	-	-	-	-
DHW flow rate (at 60°C)	L/min	7.5	9.3	13	-	-	-	-
DHW temperature (Tin=10°C)	°C	60	60	60	-	-	-	-
CE product identification number (PIN)	W		0063BQ3021			0063BQ3021		

*Seasonal space heating energy efficiency class / Water heating energy efficiency class

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Choose an ATAG
Condensing Boiler
It's a comfortable decision to make

ATAG - Who are we?

Based in Holland, ATAG Heating Group is a world leader in the design and manufacture of high efficiency, low emission, condensing, gas boilers.

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.

Your local installer

ATAG don't just stop at making boilers, we train the people who fit them. With a number of dedicated training facilities across the UK, we ensure that whoever installs your boiler has access all the technical knowledge and expertise to provide a first class job. So, that means heating and hot water just right for you, for many years to come.

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Part of Ariston Thermo Group

ATAG COMMERCIAL

Q SERIES

Combination and system boilers 25kW-60kW

Quality Assured

Reliability and low energy costs

The ATAG Q Series exemplifies quality, incorporating the latest super high efficiency and low carbon technology. A state-of-the-art stainless steel heat exchanger, combined with a wide range of boiler outputs and configurations, ensure the Q Series is ideal for large domestic and light commercial properties with high hot water demand.

Superb levels of efficiency

The Q Series offers a new era in high efficiency condensing boiler technology, ensuring utility costs are kept to a minimum. By utilising years of research and development, the Q Series is able to achieve efficiencies of up to 110%, alongside the lowest emissions in its class.

Plentiful hot water under control

A stand out feature of Q Series combination boiler is its industry leading ability to provide fast and plentiful hot water, continuously supplying up to 23.2 litres at 38ºC - perfect for larger applications with high demand for DHW. When combined with simple controls and the Q Series of thermostats, impressive energy reductions are achievable.

Intelligent energy management control

Parts and labour warranties

To underpin the manufacturing quality and engineering expertise, all XL boilers from ATAG Commercial are supplied with a 5 year parts and labour warranty as standard.

For added peace of mind, ATAG Commercial can offer extended warranties of 8 and 10 years.

For more information, contact the service team on **01268 546700.**

Cascade

Multiple configurations for commercial installations

For commercial applications, all Q Series system boilers can be installed in cascade, offering outputs up to 500kW from a maximum rig of eight units. To complement the impressive output, Q Series cascade boilers from ATAG Commercial can also be supplied with an optional MADQ Cascade controller, which allows each boiler to modulate equally and prevent rapid cycling, as well as promote lead boiler rotation. Cascade pipework headers along with cascade flue systems are also available.

Extensive flue options, including concentric, twin and flexible liner.

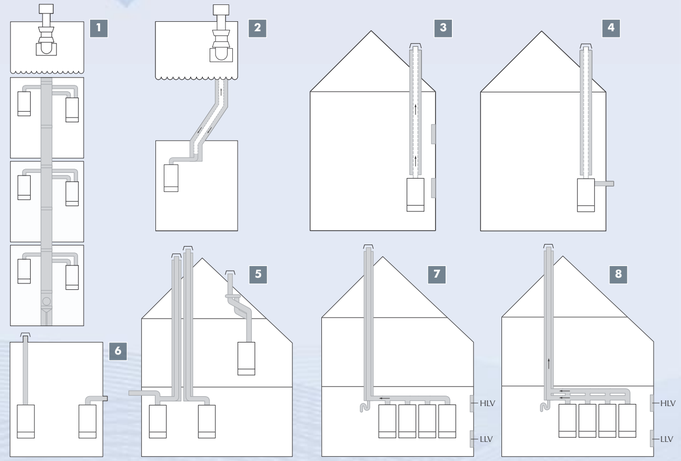
Over-pressure of up to 90 Pa at the flue connection, allowing the appliances to be exhausted over considerable distances.

Industry leading continuous hot water delivery, supplying up to 23.2 litres at 38ºC.

Efficiencies of up to 110% with the lowest emissions in its class.

Flue Options

Designed for all types of applications



HLV = High level ventilation | LLV = Low level ventilation

1. Concentric communal flue system

ATAG A series boilers have built in flue overpressure non-return valves fitted as standard. Boilers can be linked into a communal flue using either a twin or concentric pipe arrangement on the various branches to the main chimney riser.

2. Flex liner CX_9

This type of flue arrangement allows for the boiler exhaust to be passed through a flexible liner to the terminal and to the atmosphere. The combustion air intake to the boiler passes through the intake vents of the terminal and supplies air to the boiler using the existing chimney cavity as a natural source of air supply.

3. Conventional flex liner

This type of flue arrangement allows the boiler exhaust air to be passed through a flex liner to the terminal and to the atmosphere. The combustion air on this system must be supplied from the room. Refer to BS 5440-2:2009 for guidance on ventilation provision.

4. Room sealed flue with flex liner

Similar to system three, but instead of high and low level ventilation, combustion air is supplied via a single air inlet pipe to the boiler.

5. Conventional twin pipe and concentric vertical and horizontal room sealed flue systems

The first flue arrangement in this diagram allows for the boiler exhaust to pipe to atmosphere at roof level, while supplying combustion air via a single pipe at low level. The second figure in this diagram allows for the boiler exhaust and air intake to be provided for via a concentric vertical flue arrangement.

6. A standard concentric vertical/wall flue arrangement

A standard concentric vertical / wall flue arrangement providing both exhaust and combustion air.

7. Single pipe cascade flue arrangement

Multiple boilers connected to a single flue header arrangement. Combustion air provided via high and low level ventilation. Refer to BS 6644:2011 for guidance on ventilation provision.

8. Twin pipe cascade flue arrangement

The same as system seven with an additional cascade flue header for combustion air supplied from outside the building. Refer to BS 6644:2011 for guidance on ventilation provision

These diagrams are indicative of flue configurations acceptable for ATAG boilers. However, current flue and building regulations must be adhered to for compliance.