

Technical Information

Boiler type		COMBI			SOLO		
		A203C	A325C	A325ECX	A200S	A320S	A200S OV
Energy efficiency class*	kW	A/A	A/A	A/A	A	A	A
Nominal Heat Input Gross (Htg)	kW	20	32	32	20	32	20
Nominal Heat Input Net (Htg)	kW	18	28.8	28.8	18	28.8	18
Nominal Heat Input Gross (DHW)		25.9	37.9	37.9	-	-	-
Nominal Heat Input Net (DHW)		23.4	34.2	34.2	-	-	-
Efficiency DHW, year	%	83.2	85.9	95.1	-	-	-
Efficiency class according BED		★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Efficiency according EN677 (36/30°C part load, Hi)	%	109.2	109.7	109.7	109.2	109.7	109.2
Efficiency according EN677 (80/60°C full load, Hi)	%	97.9	97.9	99.7	97.9	97.9	97.9
Modulation range CH (capacity 80/60°C)	kW	4.4 - 17.7	6.1 - 28.3	6.1 - 28.3	4.4 - 17.7	6.1 - 28.3	4.4 - 17.7
Modulation range CH (capacity 50/30°C)	kW	4.9 - 19.3	6.8 - 30.9	6.8 - 30.9	4.9 - 19.3	6.8 - 30.9	4.9 - 19.3
NOx class EN483			5			5	
Temperature class for PP flue			T100		T100		
Flue classification		B23 B33 C13 C33 C43 C53 C63 C83 C93			B23 B33 C13 C33 C43 C53 C63 C83 C93		
Flue gas temp. CH (80/60°C on full load)	°C	68	68	58.7	68	68	68
Flue gas temp. CH (50/30°C on low load)	°C	31	31	30.5	31	31	31
Gas category		II2H3P			II2H3P		
Gas consumption G20 CH (DHW) (at 1013 mbar/15°C)	m³/h	1.91 (2.48)	3.05 (3.62)	3.05(3.62)	1.91	3.05	1.91
Electr. power consumption max.	W	114	117	117	114	117	34
Electr. power consumption part load	W	86	89	89	86	89	34
Electr. power consumption stand by	W	3.7	3.7	3.7	3.7	3.7	3.7
Current	V/Hz	230 +10% %-15% / 50Hz			230 +10% %-15% / 50Hz		
Degree of protection acc. EN 60529		IPX0D			IPX0D		
Weight (empty)	kg	37.5	42.5	45.5	34.5	39	30
Width	mm	500	500	500	500	500	500
Height	mm	650	870	870	650	870	650
Depth	mm	395	395	395	395	395	395
Water content CH	L	3.3	4.8	4.8	3.3	4.8	3.3
Water content DHW	L	0.5	0.7	0.7	-	-	-
Expansion vessel size	L	8	12	12	8	12	
Water pressure CH min./max.	bar	1/3	1/3	1/3	1/3	1/3	0.1/3
Water pressure DHW min./max.	bar		1/8			1/8	
Flow temperature max.	°C	85	85	85	85	85	90
Residual pump head	kPa	28	20	20	28	20	
DHW flow (at ΔT = 35°C)	l/min	9.3	14.3	15	-	-	-
DHW flow (at Tout = 28°C)	l/min	11.6	17.9	18.8			
Max. DHW temperature (Tin=10°C)	°C	60	60	60	-	-	-
CE product identification number (PIN)	°C	0063BT3195			0063BT3195		

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

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A SERIES

Combination and system boilers 20kW-32kW

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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ATAG Heating UK Limited

3 Juniper West, Fenton Way, Southfields Business Park,
Basildon, Essex, SS15 6SJ

Tel: 01268 546700
Email: enquiries@atagcommercial.co.uk
Web: www.atagcommercial.co.uk

Part of Ariston Thermo Group



Quality Assured

Reliability and low energy costs

The A Series boiler range features a state-of-the-art heat exchanger design incorporating high quality 316L stainless steel tubing. This ensures the boilers can deliver class leading efficiencies of up to 98% in heating mode and 95% for hot water.

The latest technology

A Series boilers feature pre-mix burner technology, which allows modulation from 20-100% of output - reducing gas consumption and minimising running costs. In addition, units include an easy to use intelligent weather compensation energy management centre, making temperature control quick and simple. Furthermore, an easy to access Internal Energy Management System can be connected to a 230V, volt free or 'Open Therm' supply and is also compatible with RF room thermostats.

A standout model in the range is the A325 ECX, which features a built-in Gas Saver Module to provide additional BREEAM points through SAP Appendix Q listing.

Lashings of hot water

A Series condensing combination boilers provide boosted hot water outputs and up to 20% higher efficiencies than conventional units in hot water mode. Combined with excellent flow rates up to 15 litres/min, the A Series provides all the hot water needed for a demanding family home.



State-of-the-art heat exchanger design



Parts and labour warranties

To underpin the manufacturing quality and engineering expertise, all A Series 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**.

Taking The Lead

The pinnacle of efficient heating technology



*model shown is A325-ECX with built in Gas Saver Module

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

Pre-mix burner technology allows modulation from 20-100% of output for reduced gas consumption

Internal Energy Management System that can connect to 230V, volt free or open therm supply, plus RF room stats

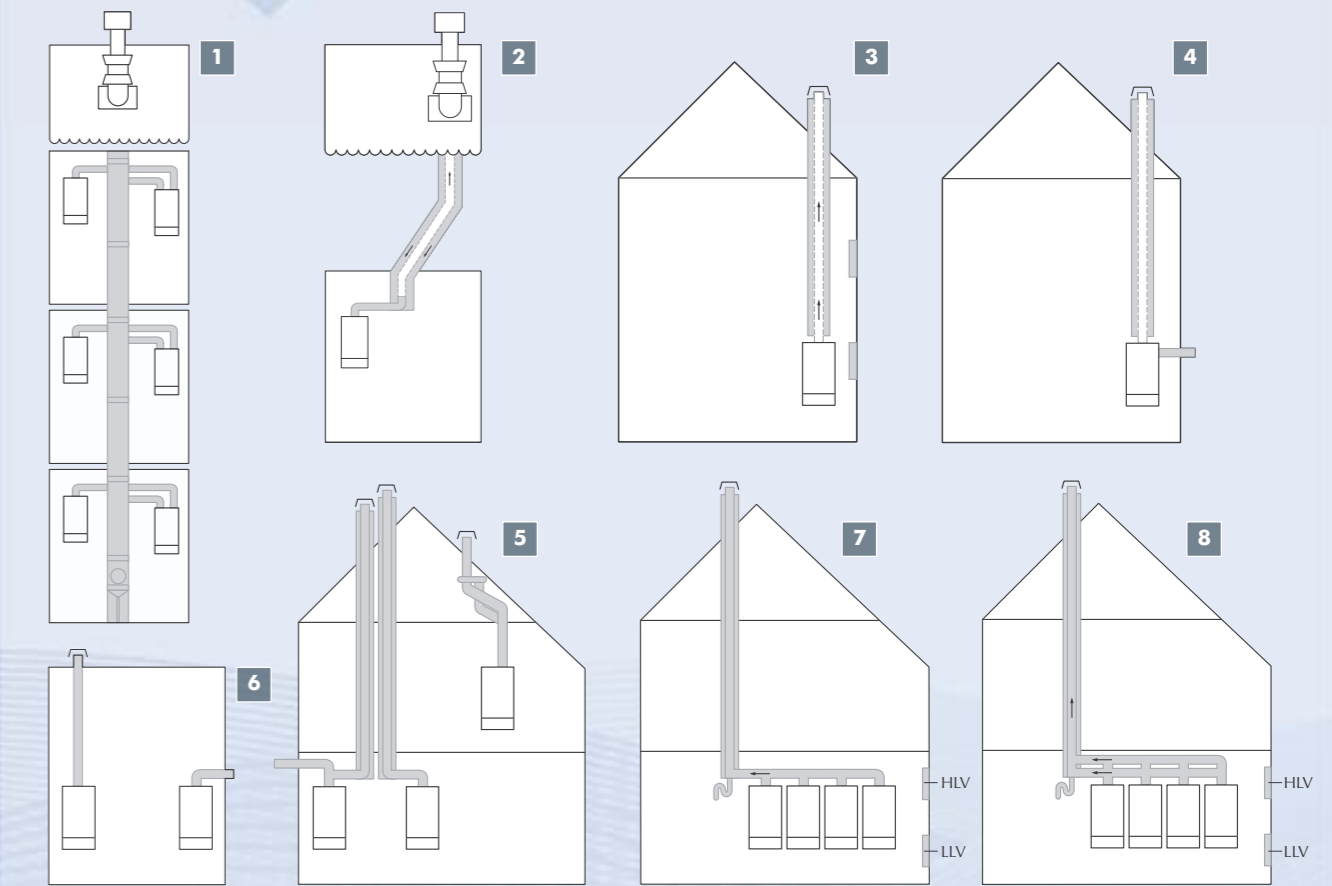
All combination boilers are suitable for use with solar thermal pre-heated hot water

Single condensate and safety valve discharge pipe

IP4 Rated boiler casing which is suitable for zone 2 in a bathroom

Comprehensive 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.

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.

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