

# CLAS SYSTEM ONE



The lightweight Clas System ONE comes complete with an 8 year warranty and a range of high-end features including a large backlit display, an energy saving 'Auto' function and easy-to-use backlit display.

- / XTRATECH™ stainless steel heat exchanger
- / 'Auto' function technology
- / Comfort function
- / High efficiency pump
- / 1:7 modulation
- / Quiet operation starting at 49dB
- / Lightweight unit starting at 29kg
- / 8 year warranty
- / 'A' ErP rated for optimum energy efficiency
- / Large backlit display
- / Includes LPG conversion kit
- / Ariston NET compatible

ENERGY RATING



**XtraTech™**  
stainless-steel heat exchanger



PERFORMANCE  
CERTIFIED BY  
TUV RHEINLAND  
GROUP



ARISTON NET  
COMPATIBLE



SUPER  
SILENT



EASY  
TO USE



ITALIAN  
DESIGN



SYSTEM  
MANAGEMENT



AUTO  
FUNCTION



EASY  
INSTALLATION



EASY  
MAINTENANCE

## TECHNICAL DATA

18

24

30

### Efficiency

	Rating	A	A	A
ERP rating - heating/DHW	Rating	A	A	A
ERP data - seasonal space heating efficiency	%	94	94	94
ERP data - water heating energy efficiency	%	-	-	-
ERP data - noise level	dB	51	49	51
ERP data - tapping profile	-	-	-	-
SEDBUK rating	Band	A	A	A
SAP efficiency 2005	%	90.2	90.1	90.3
SAP efficiency 2009/2012	%	89.4	89.5	89.5

### Power & Performance

	l/min	-	-	-
DHW flow rate $\Delta T$ @ 35°C	l/min	-	-	-
Heat output max (CH)	kW	18	22	28
Heat output max (DHW)	kW	-	-	-
Min/Max heating temperature (high temp. range)	°C	35/82	35/82	35/82
Min/Max heating temperature (low temp. range)	°C	20/45	20/45	20/45
DHW temperature min/max	°C	-	-	-

### Characteristics

	°C	5	5	5
Minimum ambient temperature	°C	5	5	5
DHW minimum flow rate	l/min	-	-	-
DHW pressure - min/max	bar	-	-	-
Built-in expansion vessel capacity	l	8	8	8
Servicing clearances - top/front/bottom	mm	300/450/250	300/450/250	300/450/250
Servicing clearances - left/right	mm	5/5	5/5	5/5
Weight	kg	28.5	28.5	31.1
NOx	mg/kWh	57	53	51

### Electrical Data

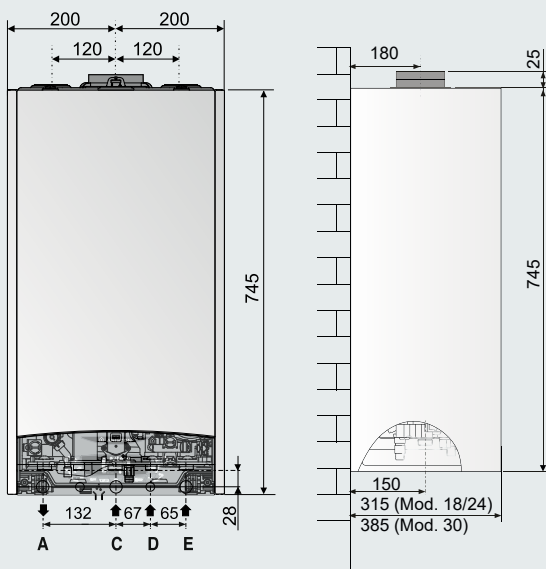
	V/Hz	230/50	230/50	230/50
Electrical supply	V/Hz	230/50	230/50	230/50
Protection grade of electrical system	IP	X5D	X5D	X5D

### Product Codes

3301046

3301047

3301048



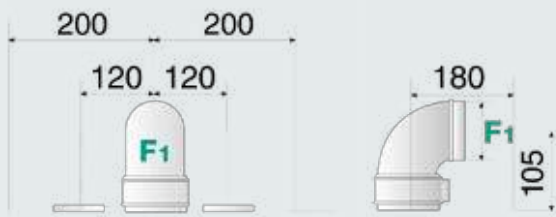
### KEY

- A \ Central heating flow
- C \ Gas inlet
- D \ Domestic cold water inlet
- E \ Central heating return

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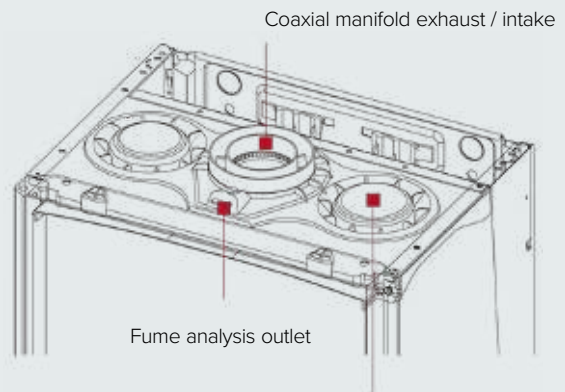
## Coaxial flue



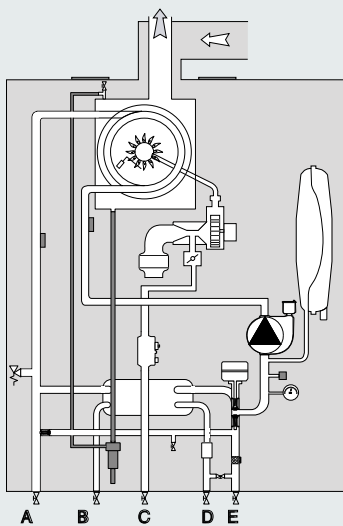
### Maximum flue length:

Ø60/100: up to 8m (18/24) - 7m (30)  
Ø80/125: up to 32m (18) - 33m (24) - 24m (30)

Twin flue configurations also possible



## Hydraulic scheme



Please see installation manual for full details