



WALL-MOUNTED BOILER

PIGMA ULTRA C FF

The silent heart of the range

With its water comfort level of ** according to the EN13203 standard, Pigma Ultra C brings comfort within everyone's reach. Simple, practical and compact to fit all homes, Pigma Ultra C guarantees reliable performance over time thanks to a new copper heat exchanger with turbulators.



> DURABLE HEATING

- The new range of boilers is powered by a copper heat exchanger with turbulators to offer reliable performance over time.

> HOT WATER COMFORT

- **Heat exchanger with stainless steel plates.**
- Water comfort level of 2 stars according to EN13203.
- **Hot water flow rate of 13.5 to 18.5 l/min** with $\Delta T = 25^\circ \text{C}$.
- Programmable comfort function.

> HEATING COMFORT

- Combustion yield classification: 3 stars according to EN 92/42 (FF models).
- **Model designed to be used with EBUS² (hydraulic solar modules, modulation regulation accessories) for integration into a heating system.**
- **ARS function for automatic regulation of the system to guarantee optimum operation of the heating system whatever the environmental conditions.**
- Backlit LCD screen, black icons and segments on a light background with display of logs, operating modes and temperatures and the results of the self-diagnosis procedures.
- Frost prevention function.

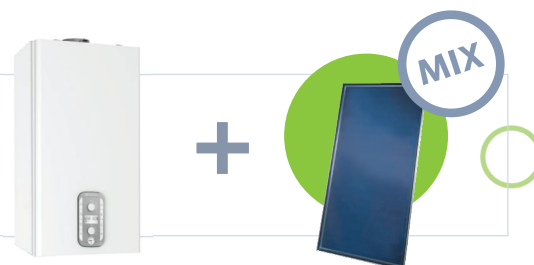
> COMFORTABLE USE AND CONVENIENT INSTALLATION



- Compatible with the Expert Control system: an intuitive room regulation device to manage 3 circuits according to the room and/or external temperature for greater comfort and better energy savings.
- Intuitive electrical wiring.
- Simplified maintenance: all components can be accessed from the front.
- Connectivity (thanks to Expert Control).
- Full modulation pump.

MULTI-ENERGY SOLUTION:

To optimise gas consumption, the Pigma Ultra C boiler can also be combined with our solar systems to meet all requirements.



Width
40–44 cm

Power:
25 - 30 - 35 kW

DHW production:
INSTANTANEOUS

Technology:
CONVENTIONAL

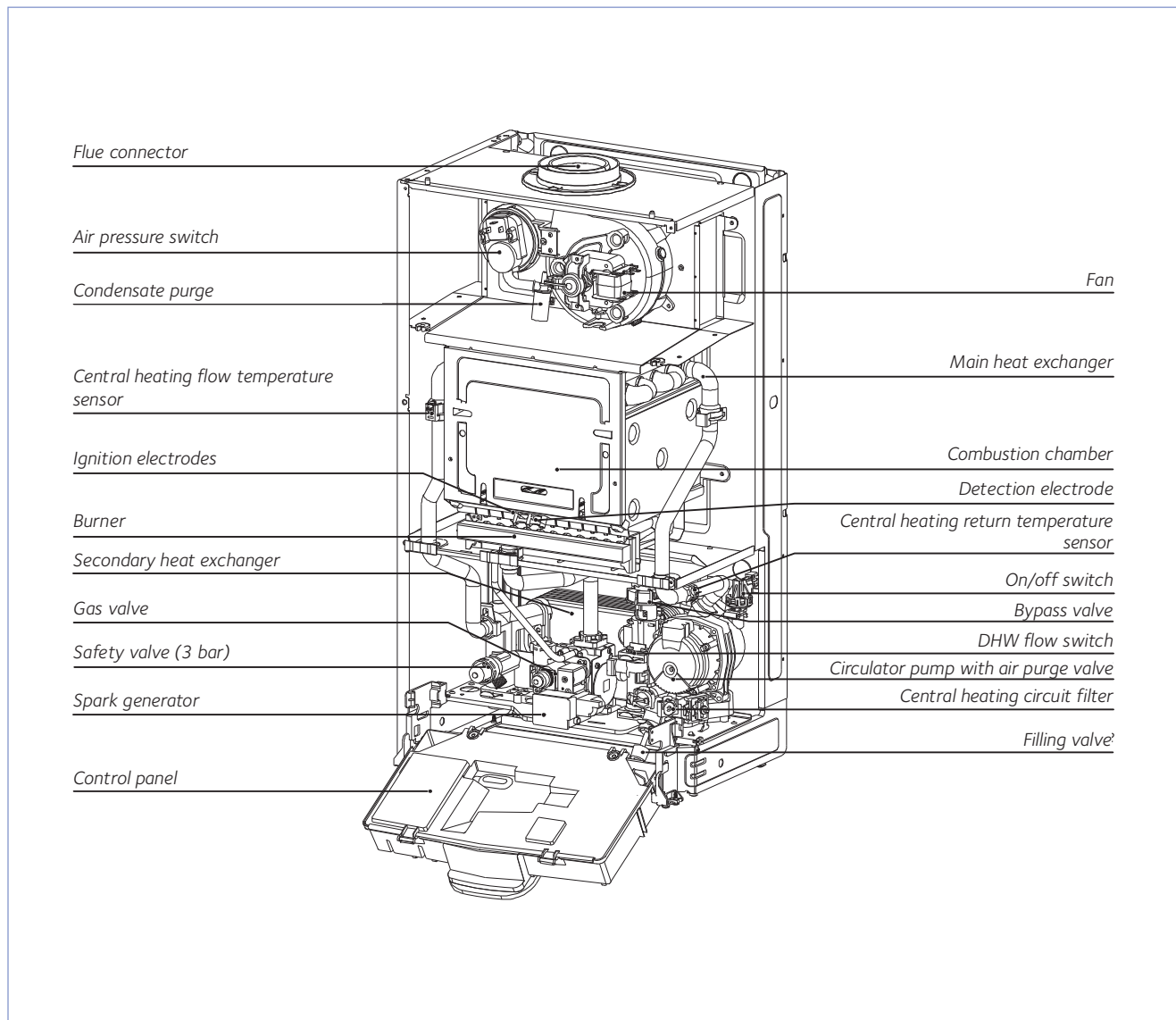
TECHNICAL DATA

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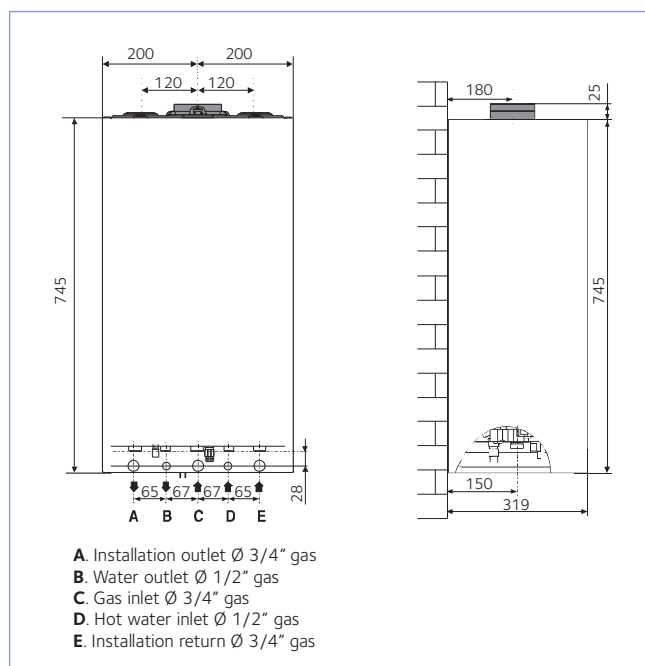
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PIGMA ULTRA C			25 FF NG	30 FF NG	35 FF NG
Gas category			II2H3P		
Boiler type			C12-C32-C42-C52-C62-C82-B22-B22p-B32		
ELECTRICAL PERFORMANCE					
Max/min nominal heat output (Hi)	kW	25.8 / 11.0	30.0 / 13.0	34.5 / 15.0	
Max/min nominal heat input (Hs)	kW	28.7 / 12.2	33.3 / 14.4	38.3 / 16.7	
Max/min nominal heat output for hot water (Hi)	kW	25.8 / 11.0	30.0 / 13.0	34.5 / 15.0	
Max/min nominal heat output for hot water (Hs)	kW	28.7 / 12.2	33.3 / 14.4	29.6 / 12.8	
Heating power: max/min	kW	24.0 / 9.5	28.1 / 11.6	32.3 / 13.2	
DHW heating power: max/min	kW	23.6 / 10.0	27.4 / 11.9	32.2 / 14.0	
Combustion yield (on flue discharge) Hi/Hs	%	93.7	93.8	93.1	
Nominal heat input gross yield (60/80 °C) Hi/Hs	%	93.1 / 83.8	93.6 / 84.3	91.1 / 82.0	
Gross yield at 30% and 47°C Hi/Hs	%	93.3 / 84.0	93.7 / 84.4	89.9 / 80.9	
Yield at minimum power Hi/Hs	%	86.7 / 78.1	89.3 / 80.4	85.0 / 76.5	
Yield classification (Directive 92/42/EEC)	stars	***			
Max heat loss to the casing (ΔT = 50°C)	%	0.6	?	2	
Heat loss through the flue when the burner is on	%	6.3	6.5	6.9	
Heat loss through the flue when the burner is off		0.4			
EMISSIONS					
Residual discharge head	Pa	120	145	130	
NOx class	Class	3			
Flue gas temperature (G20)	°C	117	113	125	
CO content (0 % O2)	%	6.5	6	6.4	
CO ₂ content (G20)	ppm	60	111	141	
CO ₂ content (G20)	%	8.8	9.7	9	
Max. flue gas capacity (G20)	kg/h	56.9	71.2	77.2	
Excess air	%	72	86	75	
HEATING CIRCUIT					
Pre-charged expansion vessel pressure	bar	0.1 (1)			
Maximum pressure of the central heating circuit	bar	0.3 (3)			
Expansion vessel capacity	l	8			
Central heating temperature: max/min (high temperature range)	°C	82 / 35			
HOT WATER CIRCUIT					
Max/min hot water temperature	°C	60 / 36			
Specific flow rate of the hot water system (10 min, with ΔT=30 °C) instantaneous boilers	l/min	11.2	13.2	15.1	
DHW flow rate ΔT=25 °C	l/min	13.5	15.7	18.5	
DHW flow rate ΔT=35 °C	l/min	9.6	11.2	13.2	
Hot water classification (EN13203)	stars	**		***	
Minimum DHW flow rate	l/min	< 2			
Max/min hot water pressure	bar	0.7 / 0.1 (7)			
PART ELECTRIC DATA					
Electric supply voltage/frequency	V/Hz	220/50			
Absorbed power	W	87	106	106	
Minimum ambient operating temperature	°C	+5			
Protection ratings of electrical systems	IP	X5D			
Weight	kg	29	31	31	

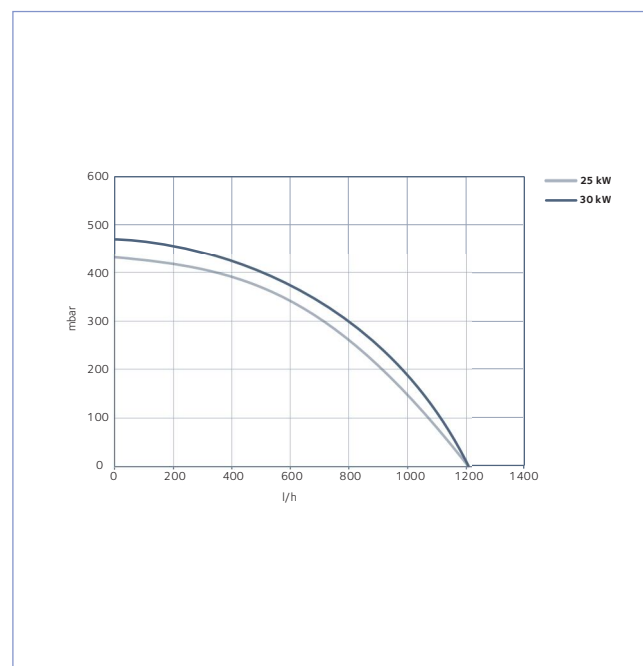
CROSS SECTION



DIMENSIONS (in mm) AND INSTALLATION DIAGRAM



AVAILABLE PRESSURE



Width
40–44 cm

Power:
25 - 30 - 35 kW

DHW production:
INSTANTANEOUS

Technology:
CONVENTIONAL

AVAILABLE MODELS

MODEL	POWER	GAS	CODE
PIGMA ULTRA C 25 FF NG	25 kW	MET	3310675
PIGMA ULTRA C 30 FF NG	30 kW	MET	3310676
PIGMA ULTRA C 35 FF NG	35 kW	MET	3310677

CONTROL AND REGULATION DEVICES

WIRED REGULATION	CODE
ON/OFF REGULATION	
Basic control	3318605
Easy Control II	3319486
MODULATION REGULATION	
Expert Control (IT-GB-FR-BE) Remote control with included room sensor	3318870
Expert Control (SP-PT-GR-HR) Remote control with included room sensor	3318617
Expert Control (RUS-PL-CZ) Remote control with included room sensor	3318619
WIRELESS REGULATION	CODE
ON/OFF REGULATION	
Easy Control II Wireless	3319487

HYDRAULIC MODULES AND ACCESSORIES*

	CODE
MGz I evo	3318620
MGz I basic	3318650
MGz II evo	3318621
MGz II basic	3318651
MGz III evo	3318622
MGz III basic	3318652
MGm II evo	3318624
MGm III evo	3318625
MGm III basic	3318653
Multifunction kit - 3 zones	3318636
Zone manager - 3 zones (AT + 2BT)	3318628

*Check overall compatibility

INSTALLATION ACCESSORIES

	CODE
66 mm plate/frame kit	3678415
Plastic cover kit for hydraulic couplings	3318355
Universal replacement kit	3318227

SOLAR HEAT INTEGRATION

	CODE
Manual thermostatic mixing valve	3318379
Exchange module for collective solar systems	3024172
Exchange module for collective solar system with 2-way valve	3024171
Thermostatic mixing valve for heating only	3024085

FLUES

CONCENTRIC SYSTEMS: C12 - C32	Ø 60/100	Ø 80/125
	CODE	CODE
Concentric flue kit, length: 750 (mm)	3318001	-
Concentric flue kit with vertical outlet	3318002	-
90° concentric elbow m/f	3318003	-
Concentric flue kit, length: 1000 (mm)	-	3318035

CONCENTRIC SYSTEMS FOR COLLECTIVE FLUES: C42	Ø 60/100
	CODE
Concentric flue kit 60/100 c42	3318041