

ferroli

DOMIcondens

Condensing Combi Boiler – HE 26c





DOMIcondens HE 26c

High efficiency condensing combination boiler

Why Ferrol Combi Boilers?

With environmental concerns becoming more and more important, we all need to ensure the protection of the world's resources and the reduction of the emissions of harmful greenhouse gasses into the atmosphere.

Ferrol are still leading the way in the development of new generation, high efficiency gas condensing boilers that reduce the harmful emissions released into the atmosphere.

Ferrol DOMIcondens boilers are designed specifically to burn less gas – reducing CO₂ emissions and NO_x – saving the home owner money and helping to conserve energy and the environment.

Up to
26kW
Max
OUTPUT

DHW
Flow rate
10 l/min
@ Δt 35°C

OPTIONAL
BUILT-IN
7
Day/Week
TIMER

2
YEAR*
GUARANTEE

DOMIcondens
comes with
**filling
loop**



Features and Benefits

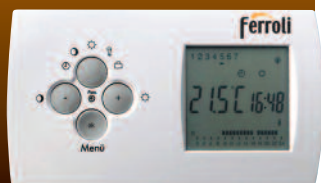
- Passive Flue Gas Heat Recovery Recuperator system active during heating and hot water production
- Boilers supplied with Filling Loop
- Optional built-in 7 day/week digital programmer available
- Optional Wireless (RF) programmable room thermostat available
- Bithermic Heat Exchanger – No dependence on Diverter Valve to switch between heating and hot water delivery
- Combustion monitoring system
- Electronic Ignition and full burner modulation on heating and hot water
- In Built Frost Protection
- LPG Conversion Kit Available
- Elegant Compact Design
- 60/100mm horizontal and vertical versatile flue options
- Capable of 5m horizontal equivalent flue length
- 2 year parts and labour guarantee *
- Supported by a network of Ferrol Engineers and Service Agents
- Self Diagnostics
- Microprocessor based software which provides pump testing during periods of inactivity
- Preheat hot water facility to provide rapid delivery to tap outlet
- Reliable and field tested components
- Easily serviceable from front
- No compartment ventilation required
- Only Minimal side clearances necessary
- Supplied with cable
- Supplied with paper template and simple hanging bracket
- Compatible with Outside Temperature Compensator (OTC)

DOMIcondens controls

- Liquid crystal display with back light for simple user operation
- Full diagnostic software ensures optimum reliability
- Microprocessor based PCB that provides anti-seize operation of the pump following 24hrs of inactivity
- Full modulation control of the burner in both heating and hot water operation
- Full frost protection to the boiler
- Automatic gas valve adjustment and tuning to maintain optimum combustion.



Electro – Mech (Wireless R/F) Programmable Thermostat



Digital (Wireless R/F) Programmable Thermostat



Radio Thermostat Clock Receiver (c/w external mounting and cable)

Accessory Options:

	Manufacturers Ref
Digital (Wireless R/F) Programmable Thermostat	30800009
Electro – Mech (Wireless R/F) Programmable Thermostat	30800013
External Compensator	39803780
Digital (Built-in) Programmer	013001X0

1. SECONDARY HEAT EXCHANGER

Designed to extract the latent heat from the flue gases and transfer this heat back into the central heating and hot water circuits thereby increasing the boiler efficiency.

2. FAN ASSEMBLY

Constant speed fan for efficient extract of combustion products.

3. GAS VALVE

Gas rate adjusted automatically based on combustion monitoring through ionisation probe to maintain high combustion efficiency levels.

4. PRIMARY HEAT EXCHANGER

Hi performance built-in twin pass heat exchanger allowing for direct heating of domestic hot water.

5. PUMP

Three speed pump with built-in automatic air vent, system drain cock (accessible from underneath the boiler) and 3 bar pressure safety relief valve.

6. IGNITION SYSTEM

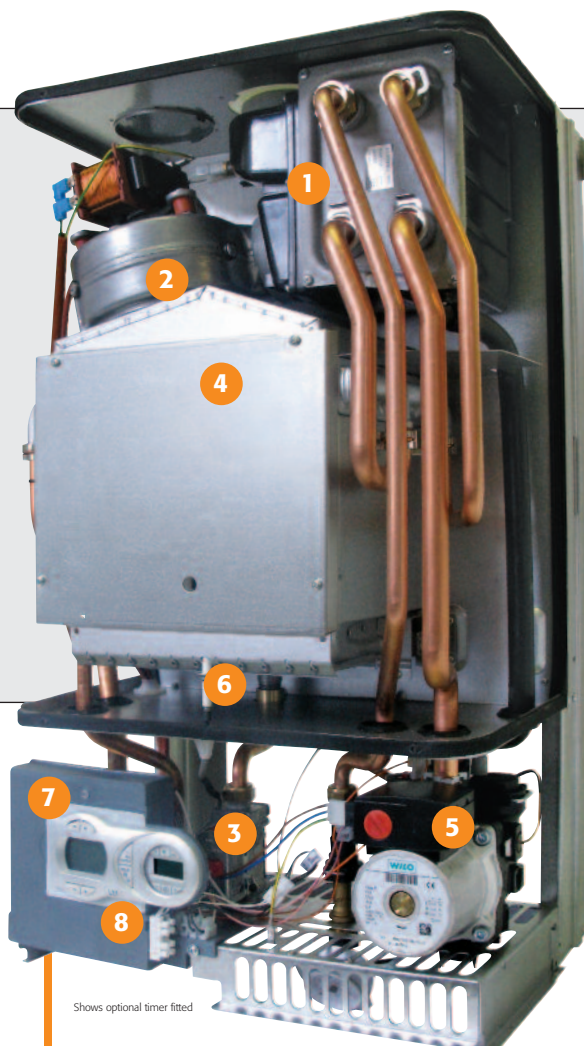
Electronic ignition and flame detection electrode for quiet and reliable operation and monitoring of combustion.

7. CONTROL CENTRE

Microprocessor electronics featuring full burner modulation, fault diagnostic display and pre-heat of domestic hot water to enable rapid delivery to the taps.

8. DIGITAL TIMER

Optional extra integral digital timer allows for 7 day/week programming of central heating.

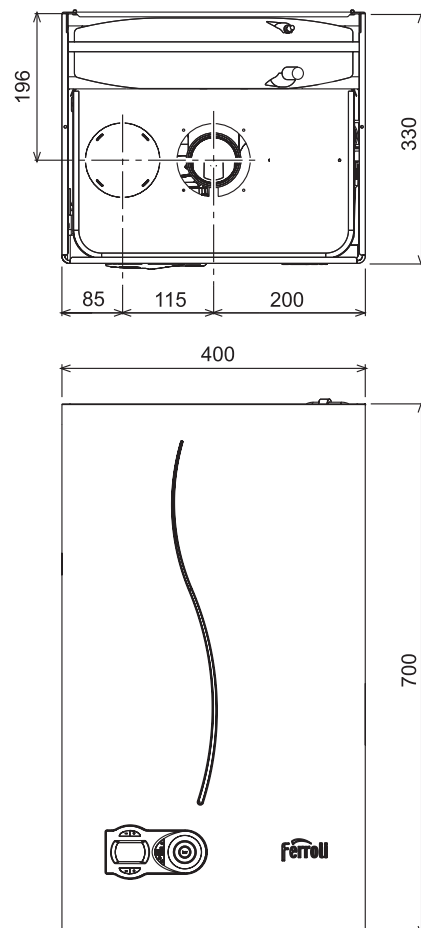


Shows optional timer fitted

Technical specifications

		HE 26c OCAJ5ITA	
Ferrol Product Codes			
NO _x Emissions Class (mg/kWhr)		3	
Energy marking rating (92/42 EEC directive)		★★★★	
SAP 2009 annual/2005 seasonal efficiency %		88.4/90.0	
Output Max/Min			
Heat input	kW	25.0	
Useful heat output 80°C – 60°C	kW	24.4	
Useful heat output 50°C – 30°C	kW	26.0	
Central heating			
Maximum operating temperature	°C	90	
Operating pressure central heating	Max.	bar	3
	Min.	bar	0.8
Expansion vessel capacity	litres	8	
Expansion vessel pre-fill pressure	bar	1	
Boiler water content	litres	1.5	
DHW			
Maximum DHW production	Δt 25°C	l/min	14.0
	Δt 30°C	l/min	11.6
	Δt 35°C	l/min	10.0
Operating pressure DHW	Max.	bar	9
	Min.	bar	0.25
Weights and fittings			
Weight (kg)		35	
Gas fitting	mm	22	
Central heating fittings	mm	22	
DHW Circuit Fittings	mm	15	
Power supply			
Max power input	W	135	
Power supply voltage/frequency	V/Hz	230V/50Hz	
Index of protection	IP	IPX5D	
Maximum equivalent flue lengths			
Max horizontal flue length 60/100mm Ø	m	5	
Max vertical flue length 60/100mm Ø	m	6	
Max horizontal flue length 80/125mm Ø	m	11	
Max vertical flue length 80/125mm Ø	m	12	
Total equivalent length two pipe 80mm Ø	m	55	
Filling loop		Yes	
Hanging bracket		Yes	
Pre-wired mains cable supplied		Yes	
Guarantee*		1+1	

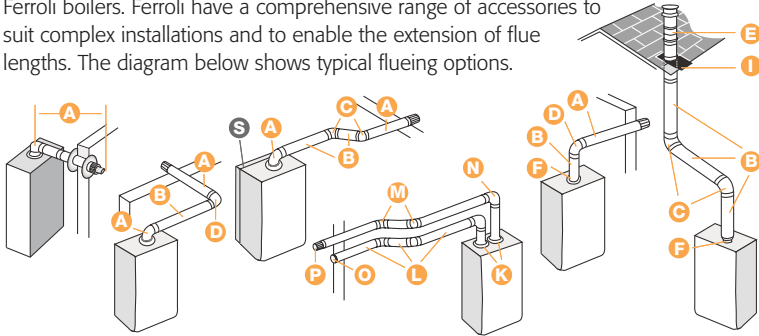
Dimensions



Flues

Essential to the boiler's operation is the availability of fresh, clean air and the ability to dispose of combustion products. These are achieved through the installation of a flue which provides ducts to the outside of the premises.

To optimise safety and performance, Ferroli flues must always be used with Ferroli boilers. Ferroli have a comprehensive range of accessories to suit complex installations and to enable the extension of flue lengths. The diagram below shows typical flueing options.



Accessories	Manufacturers Ref
A Flue Std Horizontal 60/100mm Ø – nominal length 1m	041025G0
B Flue Extension 60/100mm Ø – nominal length 1m	1KWMA56U
C Elbow 45°– 60/100mm Ø	1KWMA64A
D Elbow 90°– 60/100mm Ø	1KWMR81U
E Flue Vertical Termination 60/100mm Ø	1KWUK356
F Appliance Adaptor for Vertical Flue 60/100mm Ø	041002X0
G Bracket – Flue Support 100mm Ø	* 1KWMR46A
H Roof Flashing Plate – Flat Roof Ø	* 1KWMA81U
I Roof Flashing Plate – Pitched Roof Ø	1KWMA82U
J Plumbing Kit – 60/100/60mm Ø	* 041042G0
K Appliance Adaptor (Pair) for Twin 80mm Ø	041039X0
L Flue Extension 80mm Ø – nominal length 1m	1KWMA83A
M Elbow 45°– 80mm Ø	1KWMA65A
N Elbow 90°– 80mm Ø	1KWMA82A
O Terminal (Air Intake) for Twin 80mm Ø	1KWMA85A
P Terminal (Flue Exhaust) for Twin 80mm Ø	1KWMA86A
Q Bracket – Flue Support 80mm Ø	* 1KWMR48A
R Flue Vertical Termination Twin Connection 80mm Ø	* 1KWMA84U
S Back Plate – Concealed Pipe work jig	046033G0

Please contact Ferroli Sales for other 80/125 mm Ø flue options and accessories not shown.

* Not show on diagram.



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Ferroli Limited

Ferroli have been producing heating appliances and equipment since the 1950s. Today, the ultra-modern factories in Europe, employ over 2,500 people and produce a wide range of wall hung, cast iron and welded steel boilers, making Ferroli one of the largest and most successful heating appliance manufacturers in the world.

Ferroli Domestic Boilers.

Offering gas wall mounted units with outputs up to 50kW, Ferroli's stylish, compact domestic boilers provide maximum comfort with minimal fuel usage. With a choice of conventional, condensing and combi technologies, there's a boiler to match the heating and hot water requirements of every home.

Ferroli Commercial and Industrial Boilers.

Ferroli commercial boilers for pressure jet oil, forced air gas or dual-fuel, are factory matched with high efficiency burners to provide outputs up to 12,350kW while meeting the strictest emissions demands.

Ferroli Renewable Energy Products.

Ferroli are meeting the demands for Renewable Energy technologies. From domestic air source heat pumps (ASHP) to both drain back and pressurised solar systems; Ferroli has the system to suit the most popular renewable energy system options.

Ferroli Spares.

The popularity of Ferroli as first choice for both domestic and commercial installations means that heating parts stockists offer readily available spares for Ferroli boilers. Ferroli have a UK based, fully-stocked warehouse enabling same-day despatch of just about any part needed to keep your Ferroli boiler running.

Ferroli Service.

Once the normal guarantee period on our boilers has expired, coverage can be extended cost effectively with a choice of Ferroli service contracts to suit your budget.

Ferroli Training.

Well-trained installers are the key to a safe and efficient heating system. Ferroli run training courses within purpose-built facilities for everyone concerned in the installation and servicing of Ferroli's range of boilers.



Your local Ferroli stockist