Lamborghini
CALORECLIMA

η_s 94%

M C 2

1:12 range

F P S

FLUE GAS Ø 50 mm

Met Gpl Ready

XXL XL A

A

-5°C

iXinox Smart K 50

Condensing wall hung boiler, stainless steel DHW storage tank

- Boiler with high thickness stainless steel primary heat exchanger, with large passes (the largest in the category) guaranteeing duration and reduced maintenance, it maintains high efficiency even on old systems with oxidation and soiling

- A+ SYSTEM: combined with the modulating remote control and the external probe (optional) it reaches the top efficiency class A+ (scale from G to A+++)

- It easily adaptsto the load conditions thanks to the broad modulating range that can reach 1:12 (mod. 34, 1:10 mod. 28)

- MC2: Multi Combustion Control, new combustion system with industrial-derived gas-adaptive patented technology for better adaptability of use to the varying gas network conditions (e.g. pressure fluctuations or drops)

- M.G.R: Methane, LPG, Propane-Air Ready with a simple configuration the boiler can run on methane, LPG and propane-air without the use of any additional conversion kits

- Exclusive exchanger-burner system with self-cooling door: it simplifies maintenance and lowers the cost thanks to a lower number of parts that need replacing.

- DHW production with 50-litre stainless steel storage tank

- Set-up for recirculation fittings (provided with the accessory: fitting connection kit)

- Hydraulic fittings covered by the boiler shell

- Large multi-purpose backlit graphic display to set parameters easily and correctly

- Bypass as per standard

- Particularly suitable for operation in flues requiring "heavy duty" pipes thanks to approval for operation with 50mm diameter flue outlets

- F.P.S: Flue gas Protection System. The flue gas check valve provided as per standard offers easy connection to pressurised collective flue systems (e.g. in restructuring), in accordance with regulation UNI 7129

- Designed to simplify and make normal maintenance and cleaning steps easier

- Antilegionella function with programmable timing

- Timed block protection for circulator and three-way valve

- Certified 3-star comfort in DHW production mode in accordance with EN 13203

- Sliding temperature operating mode through external probe (optional)

- Low consumption modulating heat pump (ErP Ready - Class A)

- Digital flame control with three ignition tries if operation gets blocked due to failed flame detection (methane mod.)

Regulation and control panel

1. Key to increase/decrease domestic hot water temperature
2. Key to increase/decrease central heating temperature
3. Display
4. Reset - "Sliding Temperature" Menu Key
5. "Winter", "Summer", "Appliance OFF", "ECO", "COMFORT" mode selection key
6. Service Tool connection

Accessories on demand

	Code	Description
	012045W0	kit for connection of fittings complete with gas tap with cone, DHW tap, 2 system taps, pipes, nipple, gaskets, recirculation fitting
	013018X0	Outdoor probe kit
	013002X0	Thermostatic mixer kit 1/2" connections
	041083X0	Coupling for vertical coaxial pipe ø 100/60 mm for condensing boilers
	041006X0	Coupling for vertical coaxial pipe ø 80/125 mm for condensing boilers
	041084X0	90° coaxial bend, 360° swivel with 45° pitch ø 100/60 mm for condensing boilers
	041082X0	discharge kit twin pipes 80/80 for condensing boilers complete with test point

Boiler code	Boiler model
0T3T2AWD	**IXINOX 28 SMART K 50 (M)**
0T3T3AWD	**IXINOX 34 SMART K 50 (M)**

Technical data

MODEL			28 K 50	34 K 50
ERP Class	(radiator)	(Class G - A++)	A	A
	(tap)	(Class G - A)	XL A	XXL A
Heat input (LCV)	Heating Min / Max DHW Max	kW kW	2.9 / 24.5 28.5	2.9 / 30.6 32.7
Heat output 80°C-60°C Heat output 50°C-30°C	Heating Min / Max DHW Max Heating Min / Max	kW kW kW	2.8 / 24.0 28.0 3.1 / 26.0	2.8 / 30.0 34.0 3.1 / 32.5
Useful thermal efficiency	80°C-60°C 50°C-30°C Reduced load 30%	Pmax % / Pmin % Pmax % / Pmin % Pmax %	98.1 / 97.8 106.1 / 107.5 109.7	97.9 / 98.0 106.1 / 107.5 109.5
NOx emissions class (EN 15502-1)		class	6	6
Storage tank capacity		litres	50	50
Domestic hot water production	ΔT 30°C ΔT 30°C	l/10 min l/h	161 831	195 1005
Heating operating pressure	Max	bar	3	3
DHW operating pressure	Max	bar	9	9
Empty weight		kg	62	65
No. of pieces/pallets		no.	6	6

Accessories for flues diameter ø 50 mm

	DESCRIPTION	CODE
	Extension 1 m ø 50 twin pipes	041086X0
	Bend 90° ø 50 twin pipes	041085X0
	Reduction from ø 80 to Ø 50 twin pipes (1 piece)	041087X0

Dimensions (in mm)

800
600
420

200
120
420

170
40 70 150 120 130 90

VIEW FROM ABOVE

VIEW FROM BELOW
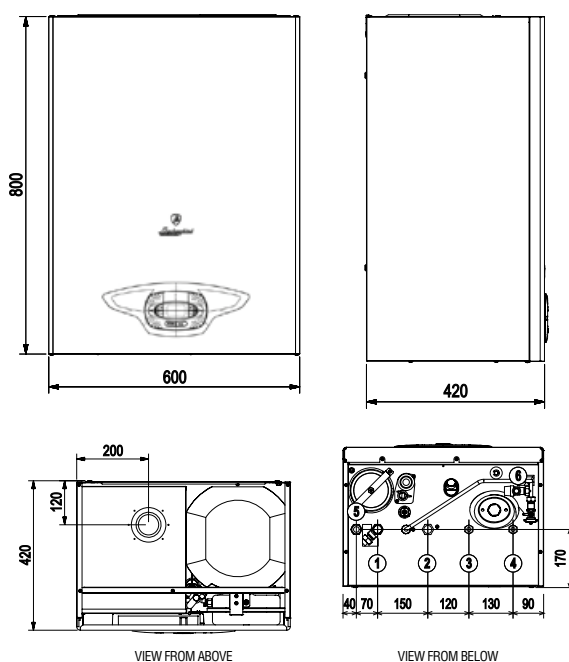
1	Heating system flow	3/4"
2	Heating system return	3/4"
3	DHW outlet	1/2"
4	DHW inlet	1/2"
5	Gas inlet	3/4"
6	Heating safety valve discharge	-