

# TENERIFE KC

CONDENSING WALL-HUNG BOILER WITH INSTANTANEOUS PRODUCTION OF DHW



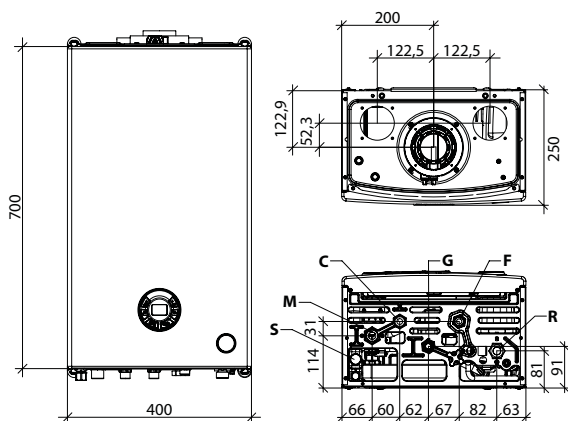
Available in the following models:

24

- ▶ **High efficiency stainless steel heat exchanger with single coil and wide passage section**
- ▶ **Heating expansion vessel - 9 litres**
- ▶ **Compact dimension, only 250 mm deep**
- ▶ **Easy to install in pre-existing plants thanks to: central flue vent, wall fixing bracket and double hole for split suction**
- ▶ **Compatible with SPOT smart thermostat**
- ▶ **Thermoregulation with external probe (optional)**
- ▶ **Backlit LCD user interface with diagnostics**
- ) Modulation ratio: 1:5
- ) Fully pre-mixed burner
- ) Class 6 of NOx emissions
- ) Programmable parameters to adapt the boiler to the installation and alerts history
- ) Stainless steel plate DHW heat exchanger
- ) Hydraulic unit in composite material
- ) Automatic by-pass

Model	Gas type	Code	Heat input		Energy efficiency class		L x H x P	Gross weight
			Nominal (Qn) kW	Nominal DHW kW	Room heating	Heating DHW	mm	kg
KC 24	NATURAL GAS	KTFXX2KC24	20,0	24,0	A	A XL	400x700x250	29,0
	PROPANE	KTFXX6KC24						

## DIMENSIONS AND CONNECTION CENTRE DISTANCES



**S** Condensate drain  
**M** CH system flow (3/4")  
**C** DHW outlet (1 1/2")

**G** Gas inlet (1/2")  
**F** Cold water inlet (1/2")  
**R** CH system return (3/4")



Technical specifications	um	KC 24
Nominal heat output (Pn)	kW	19
Seasonal energy efficiency of ambient heating ( $\eta_s$ )	%	92
Water heating energy efficiency ( $\eta_{wh}$ )	%	84
Nominal heat input (Qn)	kW	20,0
Nominal heat output (80-60°C) (Pn)	kW	19,4
Heat output (50-30°C)	kW	21,2
Reduced heat output (50-30°C)	kW	5,4
Useful efficiency at nominal input (80-60°C)	%	97,1
Useful efficiency at 30% (30°C return)	%	108,1
Heating circuit working pressure (min-max)	bar	0,5-3,0
CH temperature setting range	°C	20-78
Heating expansion vessel capacity	l	9
DHW circuit working pressure (min-max)	bar	0,5-6,0
Specific DHW flow $\Delta T=30K$	l/min	12,0
DHW temperature range	°C	35-57
NOx emission class	-	6
Power supply voltage/frequency	V/Hz	230/50
Maximum power consumption (ERP)	W	104
Electric protection rating	IP	IPX4D

Item	Description	Code	Item	Description	Code
	Coaxial kit $\varnothing$ 60/100 length 75cm	0CONDASP00		Splitter kit $\varnothing$ 80+80	0KITSDOP00
	Remote control, ErP V class (118x85x32 mm)	0CREMOTO04		External probe (60x45x31 mm)	0SONDAES01
	Thermostat starter kit + Spot gateway	0SPOTAPP01		Basic hydraulic kit	0KITIDBA29
	Zone expansion for Spot thermostat	0EXPSPOT01		Plus hydr. kit for basic compact unit	0KITIDBA14
	Ambient temperature probe	0KITSAMB00		Compact wall pipe cover	0COPETUB00
	Coaxial fitting kit $\varnothing$ 60/100	0KITATCO00			

Note: For more information, visit our website [www.fondital.com](http://www.fondital.com)



## How to increase energy efficiency?

Discover the most suitable solution

Seasonal energy efficiency of ambient heating ( $\eta_s$ )			
Regulation device		Code	KC 24
<b>Option 1</b>	Boiler + external probe	<b>0SONDAES01</b>	94%
<b>Option 2</b>	Boiler + ambient probe	<b>0KITSAMB00</b>	94%
<b>Option 3</b>	Boiler + remote control	<b>0CREMOTO04</b>	95%
<b>Option 4</b>	Boiler+ remote control + external probe	<b>0CREMOTO04</b>	96%
		<b>0SONDAES01</b>	

