

DELFI'S NEXT KC

WALL-HUNG CONDENSING BOILER WITH INSTANTANEOUS PRODUCTION OF DHW



- ▶ **CeramiXSteel combustion unit:**
- ▶ **HIGH DURABILITY EXCHANGER:** thanks to the all-stainless steel single coil and large passage section, it avoids clogging and guarantees high performance over time
- ▶ **CERAMIC QUALITY:** high-performance ceramic burner allowing a wider modulation range
- ▶ **ADVANCED ELECTRONICS:** intuitive and functional with large colour display
- ▶ **EASY INSTALLATION:** simple and practical fixing and maintenance
- ▶ **ALTERNATIVE SOURCES CONFIGURATION:** through an intelligent algorithm it acts as a control unit for alternative energy sources
- ▶ **SMART CONNECTION:** can be connected to bms (integrated Modbus) and IOT building automation systems
- ▶ **COMBINED COMFORT:** thanks to the room temperature probe, the functioning is adapted to the room temperature without the use of a thermostat
- ▶ **CUSTOMIZABLE OPERATING:** weekly programmable
- ▶ **SOLAR PRO FUNCTION:** enables the management of a solar thermal system
- ▶ **HIGH ELECTRICAL INSULATION:** thanks to the IPX5D electrical insulation rating it can be installed outdoors in partially protected locations
- ▶ **HIGH EFFICIENCY:** thanks to the 1:9 modulation ratio, high performance is guaranteed



USER INTERFACE

- ▶ Day/night temperature level selection
- ▶ Timer and ambient temperature setting

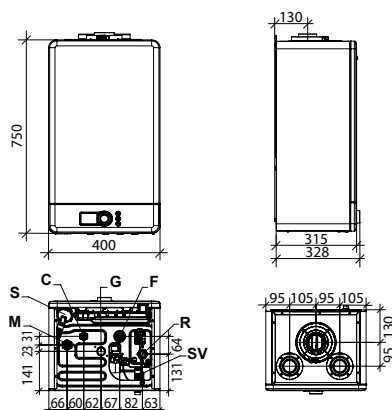
Available in the following models:



Model	Gas type	Code	Heat input		Energy efficiency class		W x H x D	Gross weight
			Nominal (Qn) kW	Nominal DHW kW	Room heating	Heating DHW	mm	kg
KC 26	NATURAL GAS	KDGXX2KC26	23,7	27,3		XL	400x750x315	30,5
	PROPANE	KDGXX6KC26						
KC 30	NATURAL GAS	KDGXX2KC30	26,7	30,4		XL	400x750x315	32,5
	PROPANE	KDGXX6KC30						
KC 35	NATURAL GAS	KDGXX2KC35	30,4	34,5		XL	400x750x315	33,0
	PROPANE	KDGXX6KC35						

Included in the price: Paper installation template, aspiration closing plugs.

DIMENSIONS AND CONNECTION CENTRE DISTANCES



- | | | | |
|-----------|--------------------------|----------|-------------------------|
| S | Trap inspection cap | G | Gas inlet (3/4") |
| M | CH system flow (3/4") | F | Cold water inlet (1/2") |
| C | DHW outlet (1 1/2") | R | CH system return (3/4") |
| SV | 3-bar safety valve drain | | |





Technical data	um	KC 26	KC 30	KC 35
Rated output (Pn)	kW	23	26	30
Seasonal energy efficiency of ambient heating (η_s)	%	92	92	91
Water heating energy efficiency (η_{wh})	%	84	84	85
Nominal heat input (Qn)	kW	23,7	26,7	30,4
Nominal heat output (80-60°C) (Pn)	kW	23,1	26,0	29,6
Heat output (50-30°C)	kW	25,0	28,1	32,2
Reduced heat input (Qr)	kW	3,0	3,3	4,2
Useful efficiency at nominal input (80-60°C)	%	97,3	97,3	97,3
Useful efficiency at nominal input (50-30°C)	%	105,5	105,4	105,9
Useful efficiency at 30% (30°C return)	%	108,4	108,0	107,8
Heating expansion vessel capacity	l	9	9	9
DHW nominal heat input	kW	27,3	30,4	34,5
Specific DHW flow $\Delta T=30K$	l/min	13,4	15,0	17,3
NOx emission class	-	6	6	6
Electric protection rating	IP	IPX5D	IPX5D	IPX5D

Item	Description	Code	Item	Description	Code
	Coaxial kit Ø 60/100 length 75cm	0CONDASP00		External probe (60x45x31 mm)	0SONDAES01
	Remote control, ErP V class (118x85x32 mm)	0CREMOTO04		Basic solar kit	0KITSOLC09
	Coaxial fitting kit Ø60/100	0KITATCO00		Basic hydraulic kit Next boilers	0KITIDBA30
	Splitter kit Ø80+80	0KITSDOP08		Covering pipes and boiler taps Next (*)	0COPETUB08
	Magnetic dirt separator filter	0AFILDEF00		NTC probe kit for 10k beta 3977 circuit breaker (*)	0KITSOND01
	Ambient temperature probe	0KITSAMB00		PT 1000 probe kit with ring connection (*)	0KITSOPT00

(*) Items normally not in stock, minimum stock availability time 8 weeks.

Note: For more information, visit our website www.novaflorida.com



How to increase energy efficiency?

Discover the most suitable solution

Seasonal energy efficiency of ambient heating (η_s)					
Regulation device		Code	KC 26	KC 30	KC 35
Option 1	Boiler + external probe	0SONDAES01	94%	94%	93%
Option 2	Boiler + room temperature probe	0KITSAMB00	95%	95%	94%
Option 3	Boiler + external probe + room temperature probe	0KITSAMB00	96%	96%	95%
		0SONDAES01			
Option 4	Boiler + remote control	0CREMOTO04	95%	95%	94%
Option 5	Boiler+ remote control + external probe	0CREMOTO04	96%	96%	95%

