

DELFI'S NEXT KR

WALL-HUNG CONDENSING BOILER CH ONLY
CONNECTION TO AN EXTERNAL HOT WATER STORAGE TANK
(OPTIONAL) WITH EXTERNAL 3-WAY VALVE (OPTIONAL)




Available in the following models:



- ▶ **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
- ▶ **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
- ▶ **CUSTOMIZABLE OPERATING:** weekly programmable



USER INTERFACE

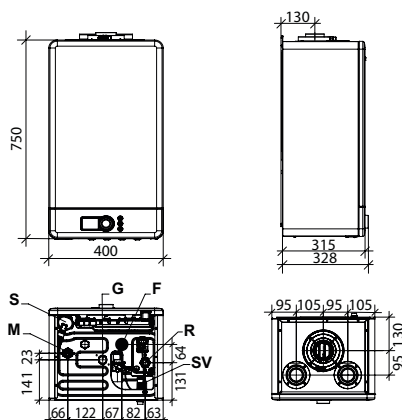
- ▶ Day/night temperature level selection
- ▶ Timer and ambient temperature setting

Model	Gas type	Code	Heat input		Energy efficiency class	W x H x D mm	Gross weight kg
			Nominal (Qn) kW	Nominal DHW kW			
KR 12	NATURAL GAS	KDGXX2KR12	12,0	18,0 (*)		400x750x315	29,5
	PROPANE	KDGXX6KR12					
KR 24	NATURAL GAS	KDGXX2KR24	23,7	27,3 (*)		400x750x315	29,5
	PROPANE	KDGXX6KR24					
KR 28	NATURAL GAS	KDGXX2KR28	26,7	30,4 (*)		400x750x315	31,5
	PROPANE	KDGXX6KR28					
KR 32	NATURAL GAS	KDGXX2KR32	30,4	34,5 (*)		400x750x315	32,0
	PROPANE	KDGXX6KR32					

(*) with optional hot water storage tank.

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

DIMENSIONS AND CONNECTION CENTRE DISTANCES



S Trap inspection cap
M CH system flow (3/4")
SV 3-bar safety valve drain

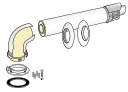
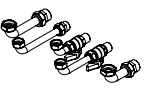
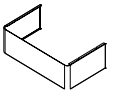
G Gas inlet (3/4")
F Cold water inlet (1/2")
R CH system return (3/4")





Technical data	um	KR 12	KR 24	KR 28	KR 32
Rated output (Pn)	kW	12	23	26	30
Seasonal energy efficiency of ambient heating (ηs)	%	92	92	92	91
Nominal heat input (Qn)	kW	12,0	23,7	26,7	30,4
Nominal heat output (80-60°C) (Pn)	kW	11,8	23,1	26,0	29,6
Heat output (50-30°C)	kW	12,9	25,0	28,1	32,2
Reduced heat input (Qr)	kW	2,0	3,0	3,3	4,2
Useful efficiency at nominal input (80-60°C)	%	98,0	97,3	97,3	97,3
Useful efficiency at nominal input (50-30°C)	%	107,5	105,5	105,4	105,9
Useful efficiency at 30% (30°C return)	%	108,3	108,4	108,0	107,8
Heating expansion vessel capacity	l	9	9	9	9
DHW nominal heat input	kW	18,0 (*)	27,3 (*)	30,4 (*)	34,5 (*)
NOx emission class	-	6	6	6	6
Electric protection rating	IP	IPX5D	IPX5D	IPX5D	IPX5D

(*) with optional hot water storage tank.

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 hydraulic kit Next boilers	0KITIDBA30
	Coaxial fitting kit Ø60/100	0KITATCO00		Covering pipes and boiler taps Next (*)	0COPETUB08
	Splitter kit Ø80+80	0KITSDOP08		NTC probe kit for 10k beta 3977 circuit breaker (*)	0KITSOND01
	Magnetic dirt separator filter	0AFILDEF00		PT 1000 probe kit with ring connection (*)	0KITSOPT00
	Ambient temperature probe	0KITSAMB00			

(*) 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 (ηs)						
Regulation device		Code	KR 12	KR 24	KR 28	KR 32
Option 1	Boiler + external probe	0SONDAES01	94%	94%	94%	93%
Option 2	Boiler + room temperature probe	0KITSAMB00	95%	95%	95%	94%
Option 3	Boiler + external probe + room temperature probe	0KITSAMB00	96%	96%	96%	95%
		0SONDAES01				
Option 4	Boiler + remote control	0CREMOTO04	95%	95%	95%	94%
Option 5	Boiler+ remote control + external probe	0CREMOTO04	96%	96%	96%	95%

