

DELFI KC

WALL-HUNG CONDENSING BOILER WITH INSTANTANEOUS PRODUCTION OF DHW



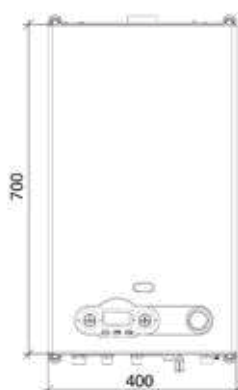
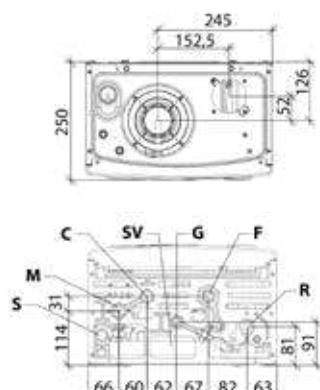
- ▶ **High domestic hot water production, more power during DHW operation (18 - 28 - 30 kW)**
- ▶ **Modulation ratio: 1:9**
- ▶ **Multifunction relay for connection to systems with zone valves or to external pump management or to remote alarm signal**
- ▶ **Heating expansion vessel - 9 litres**
- ▶ **Compact dimension, only 250 mm deep**
-) Management of 2 different kinds of solar thermal system (with additional kit)
-) Thermoregulation with external probe (optional)
-) Thermosetting polymer-covered stainless steel heat exchanger
-) Prearrangement for connection to Remote Control (optional, supplied by the manufacturer)
-) Programmable parameters to adapt the boiler to the installation and alerts history
-) Automatic by-pass

Available in the following models:



Model	Gas type	Code	Heat input		W x H x D mm	Gross weight kg
			Nominal (Qn) kW	Nominal DHW kW		
KC 12	NATURAL GAS	CDOXX2KC12	12,0	18,0	400x700x250	30,5
	PROPANE	CDOXX6KC12				
KC 24	NATURAL GAS	CDOXX2KC24	23,7	27,3	400x700x250	32,0
	PROPANE	CDOXX6KC24				
KC 28	NATURAL GAS	CDOXX2KC28	26,4	30,4	400x700x250	33,5
	PROPANE	CDOXX6KC28				

DIMENSIONS AND CONNECTION CENTRE DISTANCES



- S** Trap inspection cap
- M** CH system flow (3/4")
- C** DHW outlet (1 1/2")
- SV** 3-bar safety valve drain

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



Technical data	um	KC 12	KC 24	KC 28
Nominal heat input (Qn)	kW	12,0	23,7	26,4
Nominal heat output (80-60°C) (Pn)	kW	11,7	22,8	25,5
Heat output (50-30°C)	kW	12,6	24,9	28,0
Reduced heat input (Qr)	kW	2,0	3,0	3,3
Useful efficiency at nominal input (80-60°C)	%	97,1	96,3	96,7
Useful efficiency at nominal input (50-30°C)	%	105,1	105,1	105,9
Useful efficiency at 30% (30°C return)	%	106,0	107,2	107,5
Heating expansion vessel capacity	l	9	9	9
DHW nominal heat input	kW	18,0	27,3	30,4
Specific DHW flow $\Delta T=30K$	l/min	8,6	13,4	15,0
NOx emission class	-	6	6	6
Electric protection rating	IP	IPX4D	IPX4D	IPX4D

For other technical specifications, see from page 43 - Maximum length of flue gas venting, see page 120

Item	Description	Code
	Coaxial kit Ø 60/100 length 75cm	0CONDASP00
	Remote control, ErP V class (118x85x32 mm)	0CREMOTO04
	Splitter kit Ø80+80	0KITSDOP08
	Electrical kit for zone management with external probe	0KITZONE05
	External probe (60x45x31 mm)	0SONDAES01
	Coaxial fitting kit Ø60/100	0KITATCO00
	Electric kit for complex solar plant management	0KITSOLC08

Item	Description	Code
	Magnetic dirt separator filter	0AFILDEF00
	Kit for connection to solar plant	0KITSOLC07
	Tap kit with filter KC-KRB-CT-RBT	0KITRUBI05
	Coax. adapter kit D.60/100 to D.80/125	0KITADCO00
	Compact wall pipe cover - Height 110 mm - Width 400 mm - Depth (upper part) 194 mm - Depth (lower part) 165 mm	0COPETUB00

For other accessories, see from page 119

DELFI KR

WALL-HUNG CONDENSING BOILER CH ONLY

CONNECTION TO AN EXTERNAL HOT WATER STORAGE TANK (OPTIONAL) WITH EXTERNAL 3-WAY VALVE (OPTIONAL)



- Multifunction relay for connection to systems with zone valves or to external pump management or to remote alarm signal
- Modulation ratio: 1:9
- Heating expansion vessel - 9 litres
- Compact dimension, only 250 mm deep
-) Freeze protection function for heating and hot water storage tank
-) Thermoregulation with external probe (optional)
-) Thermosetting polymer-covered stainless steel heat exchanger
-) Prearrangement for connection to Remote Control (optional, supplied by the manufacturer)
-) Programmable parameters to adapt the boiler to the installation and alerts history
-) Automatic by-pass

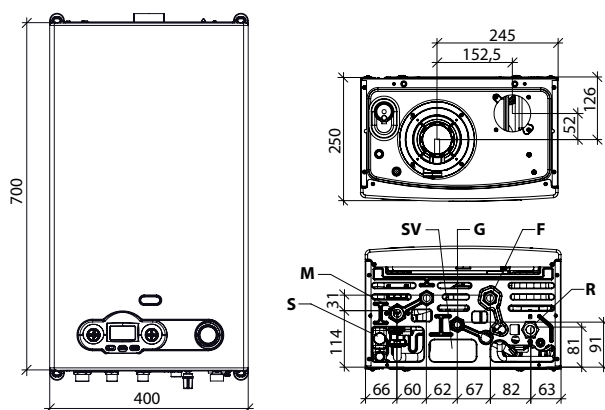
Available in the following models:



Model	Gas type	Code	Heat input		W x H x D	Gross weight
			Nominal (Qn) kW	Nominal DHW kW	mm	kg
KR 12	NATURAL GAS	CDOXX2KR12	12,0	18,0 (*)	400x700x250	29,5
	PROPANE	CDOXX6KR12				
KR 24	NATURAL GAS	CDOXX2KR24	23,7	27,3 (*)	400x700x250	32,0
	PROPANE	CDOXX6KR24				
KR 28	NATURAL GAS	CDOXX2KR28	26,4	30,4 (*)	400x700x250	31,0
	PROPANE	CDOXX6KR28				

(*) with optional hot water storage tank.

DIMENSIONS AND CONNECTION CENTRE DISTANCES



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

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



Technical data	um	KR 12	KR 24	KR 28
Nominal heat input (Qn)	kW	12,0	23,7	26,4
Nominal heat output (80-60°C) (Pn)	kW	11,7	22,8	25,5
Heat output (50-30°C)	kW	12,6	24,9	28,0
Reduced heat input (Qr)	kW	2,0	3,0	3,3
Useful efficiency at nominal input (80-60°C)	%	97,1	96,3	96,7
Useful efficiency at nominal input (50-30°C)	%	105,1	105,1	105,9
Useful efficiency at 30% (30°C return)	%	106,0	107,2	107,5
Heating expansion vessel capacity	l	9	9	9
DHW nominal heat input	kW	18,0 (*)	27,3 (*)	30,4 (*)
NOx emission class	-	6	6	6
Electric protection rating	IP	IPX4D	IPX4D	IPX4D

(*) with optional hot water storage tank.

For other technical specifications, see from page 44 - Maximum length of flue gas venting, see page 120

Item	Description	Code
	Coaxial kit Ø 60/100 length 75cm	0CONDASP00
	Remote control, ErP V class (118x85x32 mm)	0CREMOTO04
	Tap kit with filter KR-KB-RT	0KITRUBI04
	Splitter kit Ø80+80	0KITSDOP08
	Electrical kit for zone management with external probe	0KITZONE05
	External probe (60x45x31 mm)	0SONDAES01
	Coaxial fitting kit Ø60/100	0KITATCO00

Item	Description	Code
	Coax. adapter kit D.60/100 to D.80/125	0KITADCO00
	hot water storage tank temperature probe 3m	0KITSOND00
	Magnetic dirt separator filter	0AFILDEF00
	Compact wall pipe cover - Height 110 mm - Width 400 mm - Depth (upper part) 194 mm - Depth (lower part) 165 mm	0COPETUB00
	Starting flange kit for condensing boilers	0KITFLAN00

For other accessories, see from page 119

DELFI KRB

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



- **Multifunction relay for connection to systems with zone valves or to external pump management or to remote alarm signal**
- **Modulation ratio: 1:9**
- **Heating expansion vessel - 9 litres**
- **Integrated 3-way deviating valve**
- **Compact dimension, only 250 mm deep**
-) Freeze protection function for heating and hot water storage tank
-) Thermoregulation with external probe (optional)
-) Thermosetting polymer-covered stainless steel heat exchanger
-) Prearrangement for connection to Remote Control (optional, supplied by the manufacturer)
-) Programmable parameters to adapt the boiler to the installation and alerts history
-) Automatic by-pass

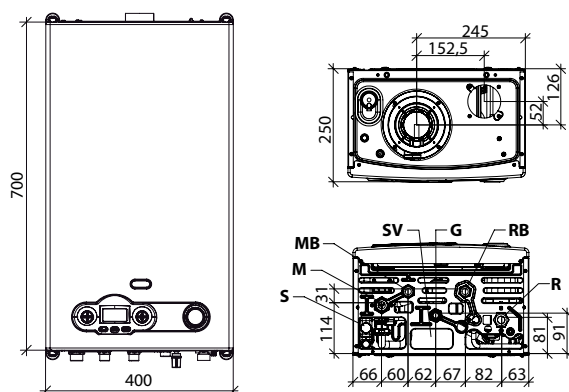
Available in the following models:



Model	Gas type	Code	Heat input		W x H x D mm	Gross weight kg
			Nominal (Qn) kW	Nominal DHW kW		
KRB 12	NATURAL GAS	CDOXX2KU12	12,0	18,0 (*)	400x700x250	29,5
	PROPANE	CDOXX6KU12				
KRB 24	NATURAL GAS	CDOXX2KU24	23,7	27,3 (*)	400x700x250	31,0
	PROPANE	CDOXX6KU24				
KRB 28	NATURAL GAS	CDOXX2KU28	26,4	30,4 (*)	400x700x250	32,5
	PROPANE	CDOXX6KU28				

(*) with optional hot water storage tank.

DIMENSIONS AND CONNECTION CENTRE DISTANCES



- | | | | |
|-----------|---|-----------|---|
| S | Trap inspection cap | G | Gas inlet (1/2") |
| M | CH system flow (3/4") | RB | Secondary return from hot water storage tank (1/2") |
| MB | Secondary flow to hot water storage tank (1/2") | R | CH system return (3/4") |
| SV | 3-bar safety valve drain | | |





Technical data	um	KRB 12	KRB 24	KRB 28
Nominal heat input (Qn)	kW	12,0	23,7	26,4
Nominal heat output (80-60°C) (Pn)	kW	11,7	22,8	25,5
Heat output (50-30°C)	kW	12,6	24,9	28,0
Reduced heat input (Qr)	kW	2,0	3,0	3,3
Useful efficiency at nominal input (80-60°C)	%	97,1	96,3	96,7
Useful efficiency at nominal input (50-30°C)	%	105,1	105,1	105,9
Useful efficiency at 30% (30°C return)	%	106,0	107,2	107,5
Heating expansion vessel capacity	l	9	9	9
DHW nominal heat input	kW	18,0 (*)	27,3 (*)	30,4 (*)
NOx emission class	-	6	6	6
Electric protection rating	IP	IPX4D	IPX4D	IPX4D

(*) with optional hot water storage tank.

For other technical specifications, see from page 45 - Maximum length of flue gas venting, see page 120

Item	Description	Code
	Coaxial kit Ø 60/100 length 75cm	0CONDASP00
	Remote control, ErP V class (118x85x32 mm)	0CREMOTO04
	Tap kit with filter KC-KRB-CT-RBT	0KITRUBI05
	Splitter kit Ø80+80	0KITSDOP08
	Electrical kit for zone management with external probe	0KITZONE05
	External probe (60x45x31 mm)	0SONDAES01
	Coaxial fitting kit Ø60/100	0KITATCO00
	Coax. adapter kit D.60/100 to D.80/125	0KITADCO00

Item	Description	Code
	Magnetic dirt separator filter	0AFILDEF00
	Electric kit for complex solar plant management	0KITSOLC08
	Compact wall pipe cover - Height 110 mm - Width 400 mm - Depth (upper part) 194 mm - Depth (lower part) 165 mm	0COPETUB00

For other accessories, see from page 119

Accessories supplied as standard

Item	Description
	hot water storage tank temperature probe 3m