

MINORCA CTFS

WALL-HUNG GAS BOILER WITH SEALED CHAMBER AND FORCED DRAUGHT WITH INSTANT DHW PRODUCTION



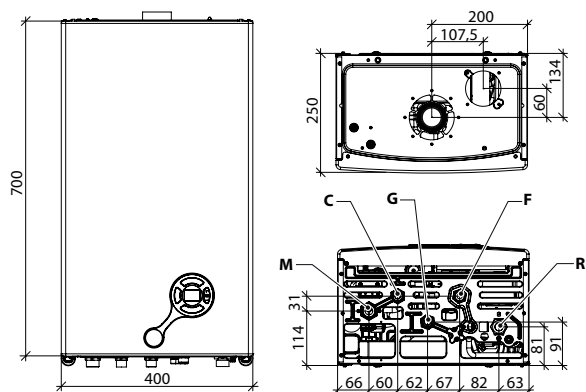
- » **High-efficiency monothermal heat exchanger**
- » **Compact dimension, only 250 mm deep**
- » **LCD user interface with diagnostics**
- » **Ambient temperature can be set from the boiler if an ambient probe is installed**
- » **Ambient temperature probe supplied as standard**
- » Stainless steel plate DHW heat exchanger
- » Exclusive compact version circulation pump with integrated air purging device
- » LCD interface to view CH flow water temperature, DHW outlet temperature, failure codes, CH setting, DHW setting and operating status setting
- » Programmable parameters to adapt the boiler to the installation and alerts history
- » Hydraulic unit in composite material
- » Heating expansion vessel - 6 litres

Available in the following models:



Model	Gas	Code	Heat input		W x H x D mm	Gross weight kg
			Nominal (Qn) kW	Nominal DHW kW		
CTFS 9	NATURAL GAS	CMEXX2CA09	10,4	20,0	400x700x250	25,00
	LPG	CMEXX3CA09				
CTFS 11	NATURAL GAS	CMEXX2CA11	12,3	20,0	400x700x250	25,00
	LPG	CMEXX3CA11				
CTFS 13	NATURAL GAS	CMEXX2CA13	14,2	20,0	400x700x250	25,00
	LPG	CMEXX3CA13				
CTFS 15	NATURAL GAS	CMEXX2CA15	16,4	20,0	400x700x250	25,00
	LPG	CMEXX3CA15				
CTFS 18	NATURAL GAS	CMEXX2CA18	20,0	20,0	400x700x250	25,50
	LPG	CMEXX3CA18				
CTFS 24	NATURAL GAS	CMEXX2CA24	25,5	25,5	400x700x250	25,50
	LPG	CMEXX3CA24				

DIMENSIONS AND CONNECTION CENTRE DISTANCES



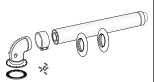
M CH system flow (3/4")
C DHW outlet (1 1/2")
G Gas inlet (1/2")

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



Technical data	um	CTFS 9	CTFS 11	CTFS 13	CTFS 15	CTFS 18	CTFS 24
Nominal heat input (Q _n)	kW	10,4	12,3	14,2	16,4	20,0	25,5
Nominal heat output (80-60°C) (P _n)	kW	9,3	11,1	13,0	15,1	18,6	23,3
Reduced heat input (Q _r)	kW	7,0	7,0	7,0	7,0	7,0	11,5
Useful efficiency at nominal input (80-60°C)	%	89,2	90,2	91,2	91,8	93,2	91,2
Useful efficiency at 30% (47°C return)	%	86,2	86,9	87,6	87,7	88,2	87,4
Heating expansion vessel capacity	l	6	6	6	6	6	6
DHW nominal heat input	kW	20,0	20,0	20,0	20,0	20,0	25,5
Specific DHW flow ΔT=30K	l/min	9,5	9,5	9,5	9,5	9,5	11,7
NOx emission class	-	3	3	3	3	3	3
Electric protection rating	IP	X4D	X4D	X4D	X4D	X4D	X4D

For other technical specifications, see from page 140 - Maximum length of flue gas venting, see page 144

Item	Description	Code
	Remote control, ErP V class (118x85x32 mm)	0CREMOTO04
	Compact wall pipe cover - Height 110 mm - Width 400 mm - Depth (upper part) 194 mm - Depth (lower part) 165 mm	0COPETUB00
	Coaxial kit D60/100 L=1m (for boiler TFS)	0KITCONC00
	Flow - return cold water 90° taps kit	0KITIDBA11
	Basic hydraulic kit	0KITIDBA29
	Plus hydr. kit for basic compact unit	0KITIDBA14

Item	Description	Code
	Tap kit with filter KC-KRB-CT-RBT	0KITRUBI05
	External probe (60x45x31 mm)	0SONDAES01
	Coaxial flue kit	0SDOPPIA13

For other accessories, see from page 143

Accessories supplied as standard

Item	Description
	Ambient temperature probe