

# Wall-hung instantaneous combination boilers - outdoor installation

## Pictor Dual esterna (mono-thermal heat exchanger)



### PICTOR DUAL CTFS 24 - CTFS 28 ESTERNA

**PICTOR DUAL ESTERNA** is a wall-hung instantaneous boiler for the production of hot water for heating and domestic hot water, engineered for outdoor installation.

**The boiler is pre-set to run on natural gas or LPG.**

The boiler includes: mono-thermal heat exchanger, DHW plate heat exchanger, three-speed pump, motorized deviation valve, adjustable by-pass, electronic ignition and ionization flame sensing device.

Two versions are available:

**CTFS 24** sealed combustion chamber, forced draught, 24 kW output;

**CTFS 28** sealed combustion chamber, forced draught, 28 kW output;

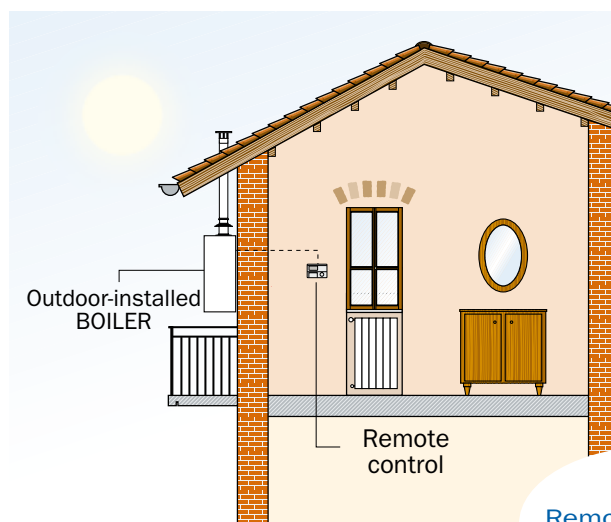
The boiler has a standard remote control for in-house programming and a thermo-moulded protective cover for outdoor installation. Boiler microprocessor electronics include the following functions:

- pump anti-blocking and deviation valve
- anti-frost\*
- "anti-fast"
- "chimney sweep"
- "post-circulation" and "post-ventilation"

and it can be connected to an external temperature probe for "sliding" CH temperature management.

- Electric insulation rating: IP X5D.
- Outdoor-resistant paint-finished casing.
- Efficiency rating according to 92/42/CEE: ★★
- Optional anti-frost kit for external temperatures as low as -15°C.

\* Anti-frost function: the boiler electronics protect boiler with anti-frost function, against temperatures as low as -5°C. More severe winter conditions require the installation of the electric resistance anti-frost kit (optional equipment). Electronics anti-frost function protects the boiler only. In order to prevent frost damages to other CH system components, it is advisable to use specific additives for CH systems.



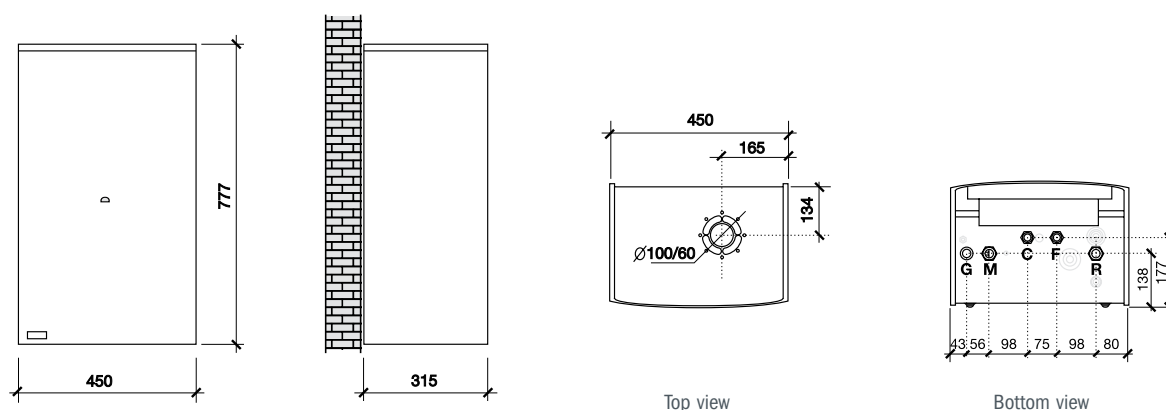
Remote control  
(standard  
equipment)

## Technical specifications

Model		Code	Output in kW	Efficiency at max output	Gross weight
PICTOR DUAL CTFS 24 ESTERNA	NAT. GAS	<b>CPGxx2CA24</b>	9.9 ÷ 23.77	93.20 %	Kg. 40.2
	LPG	<b>CPGxx3CA24</b>			
PICTOR DUAL CTFS 28 ESTERNA	NAT. GAS	<b>CPGxx2CX28</b>	11 ÷ 28.6	93.77 %	Kg. 41.6
	LPG	<b>CPGxx3CX28</b>			




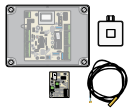
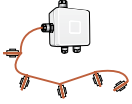
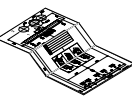


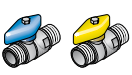
**STANDARD ADDITIONAL EQUIPMENT (included in the price):** standard hydraulic kit, paper template, flue gas discharge diaphragm, remote control and thermo-moulded casing. The upper panel, included in the standard delivery, is supplied in a separate package.

## Dimensions and coupling centre distances



- G** Gas inlet (1/2")
- M** CH flow (3/4")
- C** DHW flow (1/2")
- F** Cold water inlet (1/2")
- R** CH return (3/4")

## Accessories

Item	Description	Code
	Starting coaxial air intake / flue gas coupling for type B22 installation	<b>OATTCOVE03</b>
	Ø 80 mm vertical roof terminal	<b>OTESTCAM00</b>
	External temperature probe	<b>OSONDAES01</b>
	Electric kit (complete with external probe) for management of different CH temperature zones	<b>OKITZONE00</b>
	Anti-frost kit	<b>OKANTIGE00</b>
	Paper template (delivered as standard with the boiler)	<b>ODIMACAR00</b>
	Metal template	<b>ODIMMEC003</b>
	Standard hydraulic kit (delivered as standard with the boiler)	<b>OKITIDBA05</b>
	Gas and water tap kit	<b>OKITRUBI01</b>

Please see pages 70 - 71 - 72 - 73 for complete accessory list