



Cares X



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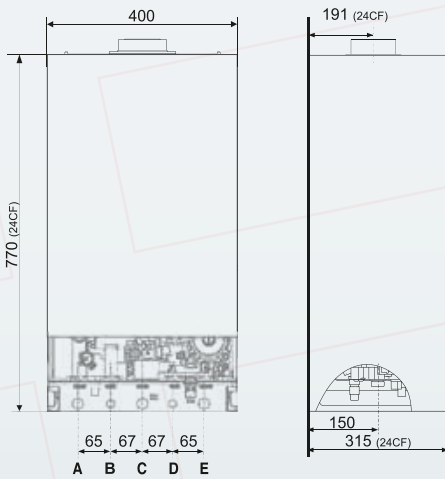
Compact Conventional boiler

- / Everywhere fitting: compact design.
- / Simplified control: via smartphone with Ariston NET intuitive app (enabled with optional accessory).

Features

- / LCD display and intuitive menu
- / Boiler protection from water impurities
- / Anti-freezing safety in case of low external temperature

Energy Class



KEY

- A \ Central Heating Flow
- B \ Domestic Hot Water Outlet
- C \ Gas Inlet
- D \ Domestic Cold Water Inlet
- E \ Central Heating Return



Cares X

Technical Data



EASY TO USE



EASY INSTALLATION



EASY MAINTENANCE

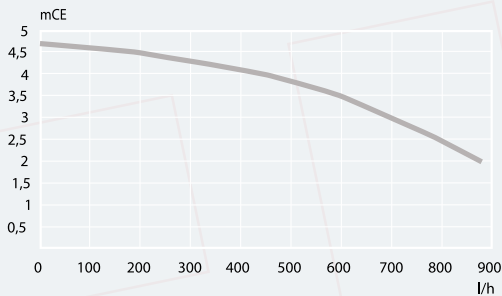


SYSTEM MANAGEMENT

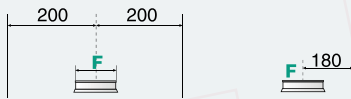


MADE IN ITALY

Boiler residual head



CF Version - Natural draught



TECHNICAL DATA

15 CF

24 CF NG

POWER SPECIFICATIONS

Max/min nominal heat input (Hi)	kW	16,5/11,0	25,8/11,0
Max/min nominal heat input (Hs)	kW	18,3/12,2	28,7/12,2
Max/min nominal heat input for hot water (Hi)	kW	27,0/11,0	27,0/11,0
Max/min nominal heat input for hot water (Hs)	kW	30,0/12,2	30,0/12,2
Heat output: max/min	kW	14,9/9,9	23,7/9,9
D.H.W. Heat output: max/min	kW	25,0/10,2	25,0/10,2
Combustion efficiency (of flue gas)	%	90,9	92,7
Gross efficiency of nominal heat input (60/80 °C) Hi/Hs	%	90,2/81,2	91,9/82,8
Gross efficiency at 30 % at 47°C Hi/Hs	%	89,5/80,6	91,2/82,1
Gross efficiency at minimum power Hi/Hs	%	90,2/81,8	90,2/81,2
Number of efficiency stars (Directive 92/42/EEC)	stars	☒☒	☒☒
Ma. heat loss to the casing (ΔT = 50°C)	%	0,7	0,8
Heat loss through the flue when burner on	%	9,1	7,3
Heat loss through the flue when burner off	%	0,4	0,4

EMISSIONS

Residual discharge head	Pa	-	-
Minimum draw	Pa	3,6	4,1
Nox class	class	2	2
Flue fumes temperature (G20)	°C	98	116
CO2 content2 (G20)	%	3,4	5,4
CO content (0 %O2)	ppm	14	54
O2 content2 (G20)	%	14,4	10,8
Max capacity fumes (G20)	kg/h	67,2	67,2
Excess air	%	219	105

HEATING CIRCUIT

Expansion vessel pre-charged pressure	Mpa (bar)	0,1 (1)	0,1 (1)
Maximum central heating circuit pressure	Mpa (bar)	0,3 (3)	0,3 (3)
Expansion vessel capacity	l	8	8
Central heating temperature: max/min	°C	82/35	82/35

DOMESTIC HOT WATER CIRCUIT

Domestic hot water temperature max/min	°C	60/36	60/36
Specific flow rate of domestic hot water system (10 min. with ΔT=30°C) instant boilers	l/min	11,8	11,8
D.H.W. flow rate ΔT=25°C	l/min	14,3	14,3
D.H.W. flow rate ΔT=35°C	l/min	10,2	10,2
Hot water comfort stars (EN13203)	stars	☒☒	☒☒
D.H.W. minimum flow rate	l/min	<2	<2
Domestic hot water pressure max/min	Mpa (bar)	0,7/0,1 (7/1)	0,7/0,1 (7/1)

ELECTRICAL

Power supply voltage/frequency	V/Hz	220/50	220/50
Power consumption	W	78	78
Minimum operating room temperature	°C	5	5
Electric system grades of protection	IP	X4D	X4D
Weight	kg	26	26

CODE

3300889

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