



ROMA wall boiler

Condensation

Principais Caraterísticas

- Models: 21 kW, 25 kW, 29 kW and 33 kW;
- Heating and instantaneous domestic hot water production
- New Stainless Steel Premixed Micro-flame Burner
- New High Flow Rate Stainless Steel Single-tube Exchanger
- Clean Architecture, Designed For Access For Maintenance
- Brass Hydraulics With Motorised Three-way Valve
- Reduced Dimensions, The Smallest On The Market
- Operating Modes:
 - Summer (just instantaneous DHW production)
 - Winter (heating and instantaneous DHW production)
 - Airtight chamber / Forced draw (type C)
 - Anti-frost function
 - Electronic ignition
 - Full electronic modulation
 - Energy Efficiency Class Heating/DHW): A / A

Descrição do Produto

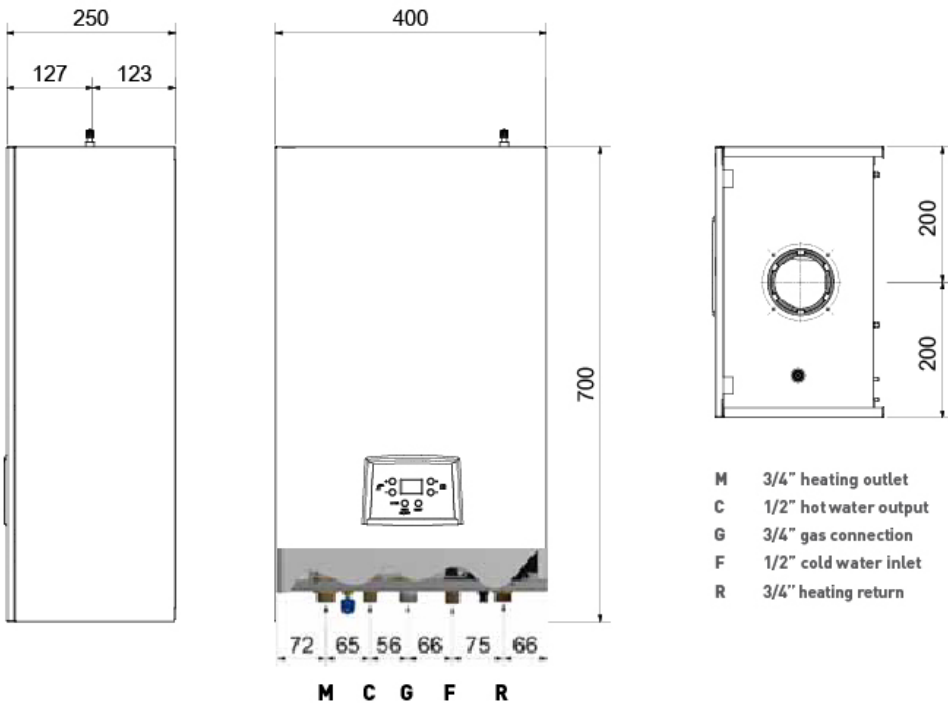
An articulated project based on an innovative product architecture and an extremely reliable technology that uses singletube stainless steel exchanger to give the user maximum comfort and energy saving. Models: from 21 to 33 kw.

Modelos e Preços

Código	Modelo
0106-0901	ROMA Wall Boiler 21 (Condensation)
0106-0902	ROMA Wall Boiler 25 (Condensation)

Código	Modelo
0106-0903	ROMA Wall Boiler 29 (Condensation)
0106-0904	ROMA Wall Boiler 33 (Condensation)

Dimensões



TECHNICAL DATA	UNITS	ROMA 21	ROMA 25	ROMA 29	ROMA 33
Nominal Thermal Output ref. PCI (80°C/60°C)	kW	21	25	29	33
Minimum Thermal Output ref. PCI (80°C/60°C)	kW	3,7	4	4	4
Nominal Power ref. PCI (80°C/60°C)	kW	20,4	24,3	28,3	31,5
Nominal condensation power ref. PCI (50°C/30°C)	kW	22,1	26,4	30,5	34,4
Minimum power ref. PCI (80°C/60°C)	kW	3,5	3,7	3,7	3,7
Minimum condensation power ref. PCI (50°C/30°C)	kW	3,9	4,2	4,1	4
DHW useful heat flow rate	kW	25,5	31	34,8	34,8
Nom. Therm. Flow Rate Useful Output ref. PCI (80°C/60°C)	%	96,90	97,01	97,46	95,46
Output at reduced load ref. PCI (30% of Pn-50°C/30°C)	%	97,10	97,10	97,00	97,90
GAS FLOW at G20 Methane nominal P (2E+)	m3/h	2,1	2,6	3,1	3,4
G20 Methane Network GAS PRESSURE (2E+)	mbar	20	20	20	20
CO2 (G20)	%	9	9	9	9
NOx	class	6	6	6	6
ERP					
Declared water heating load profile		XL	XL	XL	XL
Room heating energy class		A	A	A	A
Seasonal heating energy efficiency	%	91,7	92	93,2	92,6
HEATING					
Min/Max Heating set point	°C	35 / 80	35 / 80	35 / 80	35 / 80
Water volume in boiler	lts	0,8	0,8	0,8	0,8
Water volume in expansion vessel	lts	7	8	10	10
Expansion vessel pressure	bar	1	1	1	1
Min/Max Pressure in primary circuit	bar	0,5 / 3	0,5 / 3	0,5 / 3	0,5 / 3
Heat.plant available pump head at the flow rate of Q=1000	mbar	230	230	230	230
SANITARY					
DHW min/max set point	°C	35 / 60	35 / 60	35 / 60	35 / 60
Hot water continuous production AT=30°C	lts/min	11,9	14	16,2	16,2
Hot water continuous production AT=35 °C	lts/min	10,2	12	13,8	13,8
Minimum DHW Flow rate	lts/min	3	3	3	3
Min/Max DHW Pressure	bar	0,8 / 10	0,8 / 10	0,8 / 10	0,8 / 20
ELECTRICAL FEATURES					
Power supply voltage/frequency	V/Hz	230 / 50	230 / 50	230 / 50	230 / 50
Absorbed electric power	W	45	45	34	34
Protection degree	IP	IPX4D	IPX4D	IPX4D	IPX4D
HYDRAULIC CONNECTIONS					
Heating connections	"	3/4	3/4	3/4	3/4
DHW connections	"	1/2	1/2	1/2	1/2
Gas connections	"	3/4	3/4	3/4	3/4
SIZE					
H x D x W	mm	700x250x400	700x250x400	700x250x400	700x250x400
Weight	kg	31	32	34	35
DISCHARGE TUBES LENGHT					
Coaxial Ø 60 / 100 mm	mt	10	8	9	8
Split Ø 80 mm	mt	52	48	50	47
Split Ø 60 mm	mt	14	12	13	11
CE Approval		1312	1312	1312	1312

