ROMA ECO wall boiler

Condensation

Principais Caraterísticas

• Models: 21 kW;
• Heating and instantaneous domestic hot water production
• New Stainless Steel Premixed Micro-flame Burner
• New High Flow Rate Stainless Steel Single-tube Exchanger (Polymer coated)
• 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: 21 kw.

Modelos e Preços

Código	Modelo
0106-0921	ROMA ECO Wall Boiler 21 (Natural Gas)
0106-0931	ROMA ECO Wall Boiler 21 (LPG)

TECHNICAL DATA	UNITS	ROMA ECO 21
Nominal Thermal Output ref. PCI (80°C/60°C)	kW	21
Minimum Thermal Output ref. PCI (80°C/60°C)	kW	3,7
Nominal Power ref. PCI (80°C/60°C)	kW	20,3
Nominal condensation power ref. PCI (50°C/30°C)	kW	21,7
Minimum power ref. PCI (80°C/60°C)	kW	3,4
Minimum condensation power ref. PCI (50°C/30°C)	kW	3,8
DHW useful heat flow rate	kW	25,5
Nom. Therm. Flow Rate Useful Output ref. PCI (80°C/60°C)	%	96,80
Output at reduced load ref. PCI (30% of Pn-50°C/30°C)	%	106,8
GAS FLOW at G20 Methane nominal P (2E+)	m3/h	2,22
G20 Methane Network GAS PRESSURE (2E+)	mbar	20
CO2 (G20)	%	9
NOx	class	6
ERP		
Declared water heating load profile		XL
Room heating energy class		A
Seasonal heating energy efficiency	%	90,9
Seasonal DHW energy efficiency	%	91,9
HEATING		
Min/Max Heating set point	ºC	35 / 80
Water volume in boiler	lts	0,8
Water volume in expansion vessel	lts	7
Expansion vessel pressure	bar	1

Min/Max Pressure in primary circuit	bar	0,5 / 3
Heat.plant available pump head at the flow rate of Q=1000	mbar	230
SANITARY		
DHW min/max set point	ºC	35 / 60
Hot water continuous production AT=30°C	lts/min	11,9
Hot water continuous production AT=35 °C	lts/min	10,2
Minimum DHW Flow rate	lts/min	3
Min/Max DHW Pressure	bar	0,8 / 10
ELECTRICAL FEATURES		
Power supply voltage/frequency	V/Hz	230 / 50
Absorbed electric power	W	45
Protection degree	IP	IPX4D
HYDRAULIC CONNECTIONS		
Heating connections	"	3/4
DHW connections	"	1/2
Gas connections	"	3/4
SIZE		
H x D x W	mm	700x250x400
Weight	kg	31
DISCHARGE TUBES LENGHT		
Coaxial Ø 60 / 100 mm	mt	11
Split Ø 80 mm	mt	60
Split Ø 60 mm	mt	22
CE Approval		1312