



MESSINA Wall Boiler

Condensation

Principais Caraterísticas

- Condensation
- Integral Modulation
- Pre-Mix Burner
- NOx emissions <20 ppm (Class 5)
- High Efficiency (More than 109%)
- Cascade connection (up to 3000 kW)
- Circulator sold separately

Descrição do Produto

High-power Messina gas boiler with condensing technology, low NOx emissions, for central heating. Available for Natural Gas (possibility of conversion to LPG).

Modelos e Preços

Código	Modelo
0106-0701	Caldeira Mural MESSINA 100Kw (GN)
0106-0702	Caldeira Mural MESSINA 124Kw (GN)
0106-0703	Caldeira Mural MESSINA 154Kw (GN)
0106-0704	Caldeira Mural MESSINA 187Kw (GN)
0106-0705	Caldeira Mural MESSINA 70Kw (GN)

Todos os modelos sob encomenda especial.

BOILER TYPE	MESSINA 70	MESSINA 100	MESSINA 124	MESSINA 155	MESSINA 190
Elements	3	4	5	6	7
Nominal Heat Output(80/60°C) Min/Máx [Kw]	14/62	19/90	18/115	33/142	37/171
Nominal Heat Output(50/30°C) Min/Máx [Kw]	16/69	22/100	21/124	37/154	41/187
Efficiency at Partial Load (30%) [%]	109	109	109	109	109
Efficiency at Total Load[%]	106	106	106	106	106
Modulation Range [%]	22-100	21-100	15-100	23-100	21-100
Operating Temperature Radiator/Under Floor [°C]	40-80/20-40	40-80/20-40	40-80/20-40	40-80/20-40	40-80/20-40
Operating Pressure [Min/Max] [bar]	0.8/6.0	0.8/6.0	0.8/6.0	0.8/6.0	0.8/6.0
Max. Water Temperature [°C]	110	110	110	110	110
Gas Consumption [G20] Min/Máx [m3/h]	1.8/6.9	2.1/9.3	2.9/11.9	3.4/14.9	3.9/18.9
Loss Water Load [ΔT = 10 / 20°C] [mbar]	300/125	220/110	300/120	270/130	300/120
Class Nox	5	5	5	5	5
Power Consumption [W]	160	190	260	260	320
Circulator	Grundfos UPML 25-95	Grundfos UPMXL 25-105	Wilo-Yonos Maxo 30/0.5-12	Wilo Yonos PARA HF 40/12	Wilo Yonos PARA HF 40/12
CHIMNEY					
Max. Flue Gas Mass [g/s]	30	41	58	76	95
Exhaustion Type	B23, C63	B23, C63	B23, C63	B23, C63	B23, C63
Combustion Gases Temperature [°C]	30-60	30-60	30-60	30-60	30-60
Condansate Rate [kg/h]	7	10	13	16	19
DIMENSIONS AND WEIGHT					

MURAL

Condensate Connection	R3/4"	R3/4"	R3/4"	R3/4"	R3/4"
Chimney Diameter [mm]	80	110	110	125	160
Water Inlet-Outlet Connection	R1"	R1 1/4"	R1 1/4"	R1 1/2"	R1 1/2"
Gas Connection	R1/2"	R3/4"	R1"	R1 1/4"	R1 1/4"
Water Content [L]	6.5	8.5	10.5	12.5	14.5
Net Weight [kg]	65	82	103	130	167
Dimensions WxHxD (mm)	500x750x460	500x750x560	500x750x710	500x750x860	500x750x1010

