



MUNICH boiler

Principais Características

- Max. hot water outlet temperature: 90°C;
- Operating pressure: max. 4 or 6bar.
- High quality sheet steel construction;
- ZQCA 2.0 control panel (not included)
- Can work with diesel or gas burners with 1, 2 or modulating flames or pellet burners.
- Door with plate for fixing the burner. The plate does not include drilling. Cost not included.

Descrição do Produto

With powers from 70 to 2907kw, designed for domestic hot water production, central heating, swimming pool heating and other industrial applications. Prepared to work with different fuels such as Natural Gas, LPG, Diesel or Pellets.

Drilling the boiler door to fit the burner costs extra.

Optional: ZQCA 2.0 control panel (you will need a GAS / GASOLEO control panel)

Modelos e Preços

Código	Modelo
0104-0201 *	Munich 70 Industrial Boiler
0104-0202	Industrial Boiler Munich 93
0104-0203	Industrial Boiler Munich 116
0104-0204	Munich 151 Industrial Boiler
0104-0205	Munich 186 Industrial Boiler
0104-0206	Munich 232 Industrial Boiler
0104-0207	Munich 290 Industrial Boiler
0104-0208	Munich 372 Industrial Boiler
0104-0209	Munich 465 Industrial Boiler

Código	Modelo
0104-0210 *	Industrial Boiler Munich 581
0104-0211 *	Munich 744 Industrial Boiler
0104-0212 *	Munich 930 Industrial Boiler
0104-0213 *	Industrial Boiler Munich 1162
0104-0214 *	Industrial Boiler Munich 1453
0104-0215 *	Munich 1860 Industrial Boiler
0104-0216 *	Industrial Boiler Munich 2325
0104-0217 *	Industrial Boiler Munich 2907
1706-0156 *	Quadro de Controle Analogico ZQCA 2.0 (GÁS / GASOLEO)

*Sob encomenda especial

TECHNICAL DICE	70	93	116	151	186	232	290	372	465	581	744	930	1162	1453	1860	2325	2907
Useful thermal power (kW)	80	93	116	151	186	232	290	372	465	581	744	930	1162	1453	1860	2325	2907
Yield (%)	93,9	93	92,5	92,6	92,7	92,8	92,3	91,5	90,6	90,5	90,3	90,1	91	92	93,5	93,8	94,1
Pressure loss gases (mbar)	0,2	0,6	1	1,1	1,2	1,6	1,8	2	2,5	3,2	4,4	5,4	6,2	6,7	7	9	12
Water pressure drop (mbar)	10	10	10	10	10	10	15	20	25	30	35	38	45	50	57	62	71
Working pressure (bar)	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6
Minimum burner head length (mm)	185	185	185	225	225	225	240	240	242	240	245	245	281	281	301	301	306
Expansion vessel connection (")	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	2	2	2	2	3	3	3	4	4	5
Return connection (DN)	50	50	50	50	65	65	65	65	80	80	100	100	125	125	150	150	200
Impulse connection (DN)	50	50	50	50	65	65	65	65	80	80	100	100	125	125	150	150	200
Ench./exhaustion (")	11/4	11/4	11/4	11/4	11/4	11/4	11/4	11/4	11/4	11/4	11/4	11/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Condensate output (")	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Weight without burner (kg)	335	340	415	440	530	560	655	855	1075	1210	1710	2085	2510	2930	3840	4605	5535

CHAPA DE AÇO

ECOFLAM BURNER (NOT SUPPLIED)																	
Diesel (1 step)	MAX 8	MAX 8	MAX 12	MAX 15	MAX 15	MAX 20	MAX 30	---	---	---	---	---	---	---	---	---	---
Diesel (2 tiers)	---	---	MAX P 12 AB HS	MAX P 15 AB HS	MAX P 15 AB HS	MAX P 25 AB HS	MAX P 25 AB HS	MAX P 35 AB	MAX P 45 AB	MAJOR P 60 AB	MAJOR P 80 AB	MAJOR P 80 AB	MAJOR P 120 AB	MAIOR P 150.1 AB	MAIOR P 200.1 AB	MAIOR P 200.1 AB	MAIOR P 300.1 AB
Diesel (modulating)	---	---	---	---	---	---	---	MAIOR P 45 PR	MAIOR P 45 PR	MAIOR P 60 PR	MAIOR P 80 PR	MAIOR P 80 PR	MAIOR P 120 PR	MAIOR P 150.1 PR	MAIOR P 200.1 PR	MAIOR P 200.1 PR	MAIOR P 300.1 PR
Gas (1 step)	MAX GAS 105 P	MAX GAS 105 P	MAX GAS 120 P	MAX GAS 170 P	MAX GAS 250 P	MAX GAS 250 P	MAX GAS 350 P	MAX GAS 500 P	MAX GAS 500 P	---	---	---	---	---	---	---	---
Gas (2 tiers)	MAX GAS 120 PAB	MAX GAS 120 PAB	MAX GAS 120 PAB	MAX GAS 170 PAB	MAX GAS 250 PAB	MAX GAS 250 PAB	MAX GAS 350 PAB	MAX GAS 500 PAB	MAX GAS 500 PAB	BLU 700.1 LN PAB	BLU 1000.1 LN PAB	BLU 1200.1 LN PAB	BLU 1500.1 LN PAB	BLU 1500.1 LN PAB	BLU 2000.1 LN PAB	BLU 3000.1 LN PAB	BLU 3000.1 LN PAB
Gas (modulating)	---	---	---	---	---	---	MAX GAS 350 PR	MAX GAS 500 PR	MAX GAS 500 PR	BLU 700.1 LN PR	BLU 1000.1 LN PR	BLU 1200.1 LN PR	BLU 1500.1 LN PR	BLU 1500.1 LN PR	BLU 2000.1 LN PR	BLU 3000.1 LN PR	BLU 3000.1 LN PR

