



SUITABLE FOR PRESSURE JET BURNERS

MONOLITE JB

CONDENSING BOILER

The MONOLITE JB has a very high efficiency (max. 109%) which places it at the peak of the classification according to European standards (Output Directive 92/42/EEC). The AISI 316 Ti furnace and vertical flues are capable of resisting attacks from acidic condensation.

The boiler may operate with any kind of pressure jet gas burners, always ensuring the highest performance, which is provided by:

- recovery of the latent heat by condensation of the water vapour present in the flue gases;
- extremely low flue temperature, equal to that of the return water plus about 10°C;
- reduction to a minimum of heat loss through the boiler casing, as the boiler may operate regularly alternating total off-periods without limits, below the water temperature.
- twin water return

Model	Boiler Code	Output		Input	Efficiency		Pressure Drop	Burner blast tube length	Burner hole Ø	Water side pressure drop	Water vol.	Dimensions	Weight	Ø C
		70°C*	50-30°C**		70°C*	50-30°C**								
		kW	kW	kW	100%	30%	mbar	mm	mm	mbar	l	(H x L x P mm)	kg	mm
MONOLITE 75 JB	81020076	87	95	88	98,3	109	0,8	150-200	150	8	150	1825 x 936 x 990	220	150
MONOLITE 95 JB	81020096	110	120	112	98,3	109	1,0	150-200	150	12	210	1825 x 963 x 1330	280	180
MONOLITE 125 JB	81020126	145	158	147	98,3	109	1,1	150-200	150	22	200	1825 x 963 x 1330	320	180
MONOLITE 160 JB	81020160	186	203	189	98,3	109	1,5	150-200	180	12	308	2151 x 1060 x 1550	520	200
MONOLITE 210 JB	81020210	244	266	248	98,3	109	2,0	150-200	180	22	285	2151 x 1060 x 1550	590	200
MONOLITE 270 JB	81020270	313	343	319	98,3	109	2,1	150-200	180	16	340	2200 x 1060 x 1801	680	200
MONOLITE 350 JB	81020350	406	445	414	98,3	109	2,3	150-200	225	11	392	2310 x 1198 x 1817	1030	250
MONOLITE 440 JB	81020440	511	559	520	98,3	109	2,5	150-200	225	17	560	2310 x 1198 x 2331	1230	250
MONOLITE 550 JB	81020550	639	699	650	98,3	109	2,7	150-200	225	27	523	2310 x 1198 x 2331	1270	250
MONOLITE 610 JB	81020610	709	775	721	98,3	109	3,4	150-200	225	34	523	2310 x 1198 x 2331	1270	250
MONOLITE 670 JB	81020670	779	851	792	98,3	109	4,1	150-200	225	41	523	2310 x 1198 x 2331	1270	250

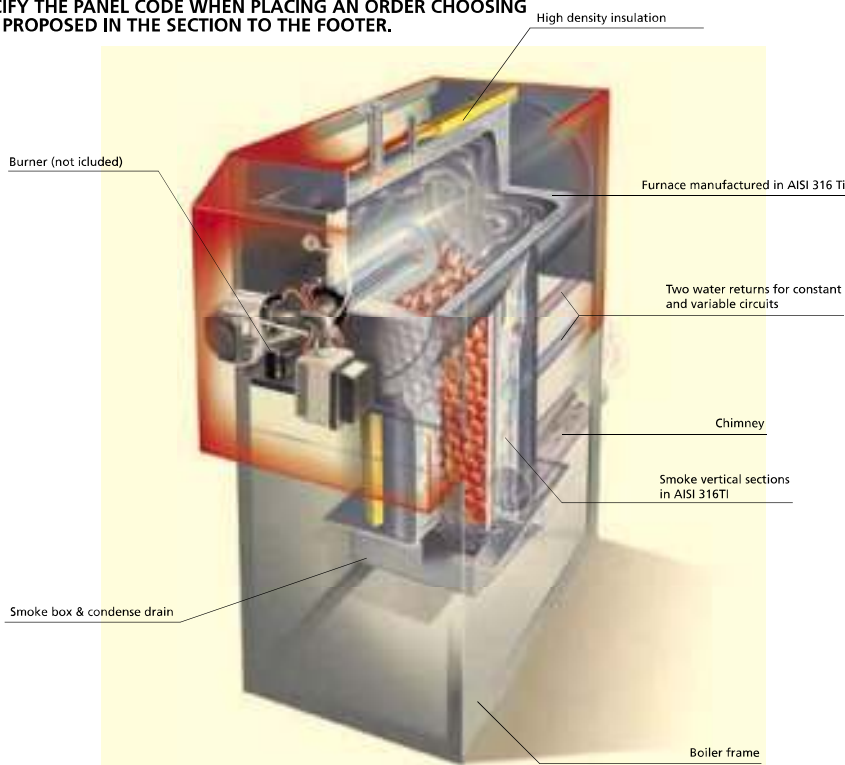
Maximum working pressure: 5 bar

Fuel: natural gas or LPG

No minimal return water temperature required

* Average temperature - ** Flow and return temperature

ATTENTION: THE CONTROL PANEL IS SOLD SEPARATELY FROM BOILER. ALWAYS SPECIFY THE PANEL CODE WHEN PLACING AN ORDER CHOOSING FROM THOSE PROPOSED IN THE SECTION TO THE FOOTER.



Standard equipment

- Outer casing with high density insulation