

GreenBurn[®] MB

MARINE & BOILER

DATA
SHEET

- > Low NO_x / Staged Air Burner
- > Forced Draught / Multi-Fuel
- > Up or Side Fired
- > Round Flame



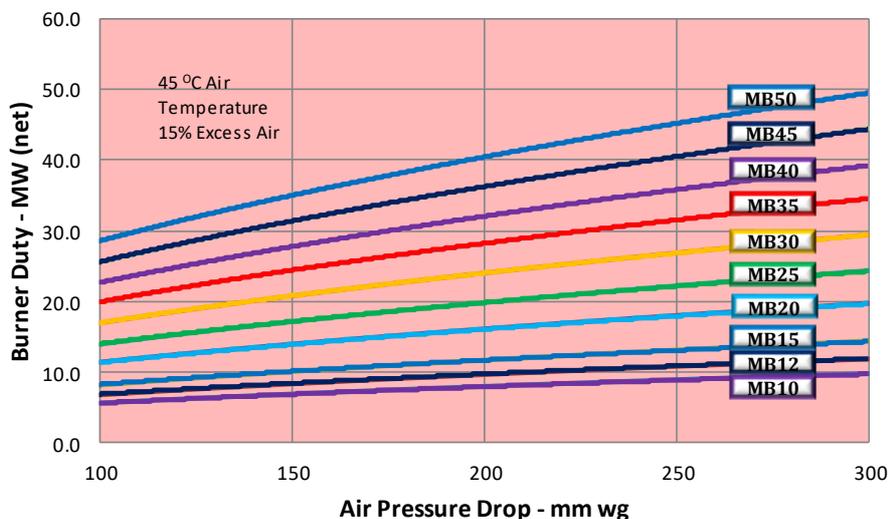
Features

- » Capacity 10 to 50 MW
- » Turndown 10:1
- » Staged air design
- » Oil or gas or combined
- » Actuated damper
- » Silenced windbox
- » Low excess air

Overview

The GreenBurn[®] MB is a register style staged air forced draught burner matched to Greens range of Marine Boilers. The burner features a Low NO_x design whilst maintaining a high degree of flexibility with regard to turndown, fuel selection and control.

GreenBurn[®] MB Burner Selection Chart



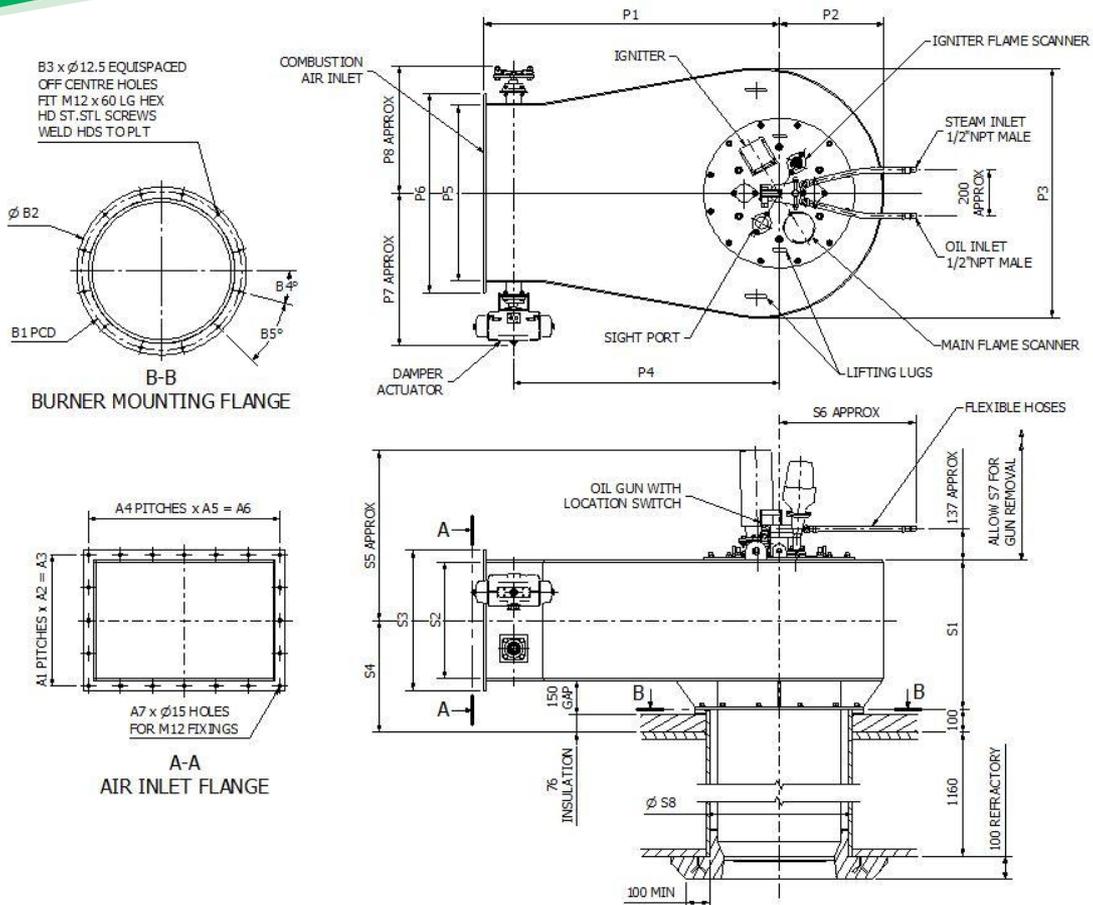
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BURNER DIMENSIONS																												
SIZE	P1	P2	P3	P4	P5	P6	P7	P8	S1	S2	S3	S4	S5	S6	S7	S8	A1	A2	A3	A4	A5	A6	A7	B1	B2	B3	B4	B5
10	937	326	785	847	542	644	552	441	499	361	463	463	667	490	2151	485	3	141	429	5	121	605	16	545	585	12	15	30
12	1016	357	860	916	599	701	581	470	537	399	501	482	686	490	2183	521	4	115	460	5	132	660	18	581	621	12	15	30
15	1111	392	944	1001	660	762	611	501	578	440	542	502	706	590	2218	562	4	126	504	5	144	720	18	622	662	12	15	30
20	1275	452	1089	1147	767	869	665	554	649	511	613	538	742	590	2278	632	4	143	572	6	138	828	20	692	732	12	15	30
25	1426	505	1216	1283	857	959	710	599	709	571	673	568	772	690	2329	694	5	127	635	7	131	917	24	754	794	12	15	30
30	1549	551	1327	1392	939	1061	751	640	764	626	748	595	799	690	2375	748	5	140	700	7	144	1008	24	808	848	16	11%	22%
35	1690	597	1438	1521	1014	1136	788	678	814	676	798	620	824	790	2417	801	5	150	750	8	136	1088	26	861	901	16	11%	22%
40	1796	636	1533	1615	1085	1207	824	713	861	723	845	644	848	790	2457	848	6	132	792	8	145	1160	28	908	948	16	11%	22%
45	1893	673	1621	1701	1151	1273	857	746	905	767	889	666	870	890	2494	891	6	140	840	9	136	1224	30	951	991	16	11%	22%
50	1988	707	1705	1786	1212	1334	887	777	946	808	930	686	890	890	2529	931	6	147	882	9	143	1287	30	991	1031	16	11%	22%



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