

Oil Burners Selection Chart :

Burner Selection		Load in Mkal / Hr		Oil Burners	
Burner Model	Boiler TPH	Full: min-max	Part: min-max	Light Oil in Kgs	Furnace Oil in Kgs
				CV=10200 Kcal/Kg	CV=9600 Kcal/Kg
IBO 05	0.3-0.6	0.17 - 0.34	0.08 - 0.17	17 - 34	18 - 36
IBO 10	0.6-1.0	0.34 - 0.51	0.13 - 0.17	34 - 51	36 - 54
IBO 20	1.0-1.5	0.51 - 0.86	0.17 - 0.28	51 - 85	54 - 90
IBO 30.1	1.5-2.0	0.86 - 1.55	0.28 - 0.51	85 - 153	90 - 162
IBO 30.2	3	1.55 - 2.15	0.51 - 0.73	153 - 213	162 - 225
IBO 40.1	4	2.15 - 2.75	0.73 - 0.92	213 - 272	225 - 288
IBO 40.2	5	2.75 - 3.44	0.92 - 1.15	272 - 340	280 - 360
IBO 60.1	6	3.44 - 4.12	1.15 - 1.37	340 - 408	360 - 432
IBO 60.2	7-8	4.12 - 5.07	1.37 - 1.71	408 - 509	432 - 531
IBO 60.3	9	5.07 - 6.01	1.72 - 2.01	509 - 595	531 - 595
IBO 80.1	10	6.01 - 6.7	2.01 - 2.23	595 - 663	595 - 663
IBO 80.2	11	6.7 - 7.3	2.23 - 2.43	663 - 723	663 - 723
IBO 80.3	12	7.3 - 7.98	2.43 - 2.66	723 - 790	723 - 837
IBO 90.1	15	7.98 - 9.44	2.66 - 3.0	790 - 935	837 - 990
IBO 90.2	16-17	9.44 - 10.65	3.0 - 3.55	935 - 1054	990 - 1116
IBO 90.3	18-19	10.65 - 11.94	3.56 - 3.98	1054 - 1181	1116 - 1251
IBO 100.1		11.94 - 13.31	3.98 - 4.44	1181 - 1317	1251 - 1395
IBO 100.2		13.31 - 14.68	4.44 - 4.89	1317 - 1453	1395 - 1539
IBO 100.3		14.68 - 15.97	4.89 - 5.32	1453 - 1581	1539 - 1674
IBO 120.1		15.97 - 17.18	5.32 - 5.72	1581 - 1700	1674 - 1800
IBO 120.2		17.18 - 19.32	5.72 - 6.44	1700 - 1912	1800 - 2025
IBO 120.3		19.32 - 20.61	6.44 - 6.87	1912 - 2040	2025 - 2160

Salient Features :

- Duobloc with unmatched flexibility
- All liquid fuels indicated can be burnt efficiently
- All burners are modulating type suitable for continuous fuel regulation
- High efficiency, low maintenance and long service life
- Can be supplied for combustion air temperatures upto 400 degree C
- Fully Automatic with excellent safety features
- Separate fan increases firing flexibility like high furnace back pressure or air pre-heating or no reduction in burner output capacity.