

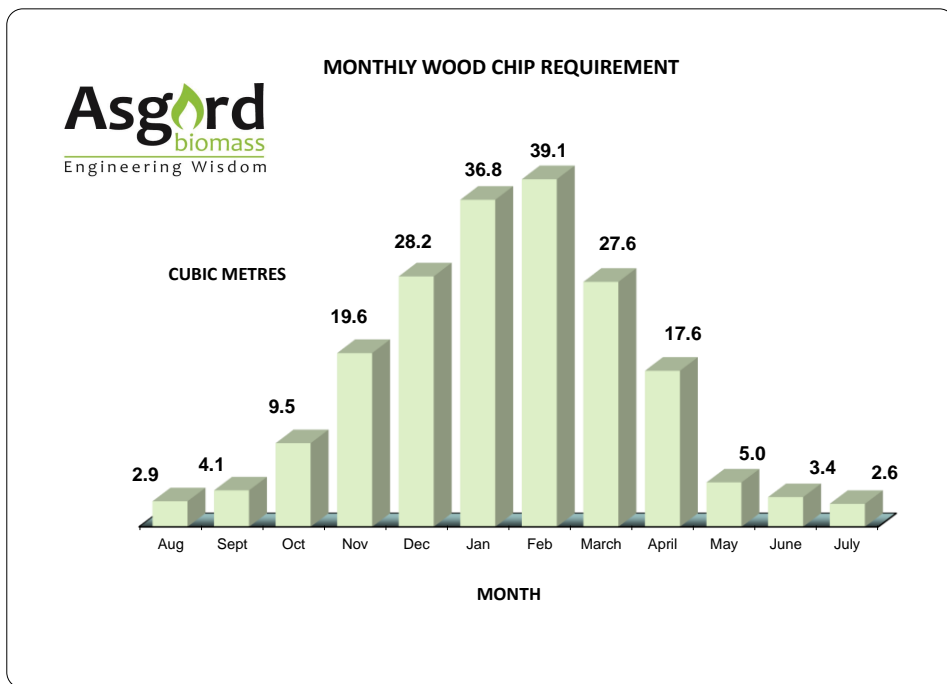
Monthly Fuel and Cost Calculator Wood Chip Boiler 130kW

Installation Data

Boiler Size	130 kW
Annual heat Use	170,820 kWh/yr
Annual Operating hours	1314 kWh/m ³
Chip Energy 'Volume'	870 kWh/m ³
Chip Density	250 kg/m ³
Chip Energy 'Mass'	3.5 kWh/kg
Cost of Chip/Tonne	£ 90.00 /Tonne

Monthly Heat Output, Fuel Requirement and Cost

Month	Monthly Heating			Chip Consumption		Monthly Cost
	%	kWh	Hours	tonnes	m ³	£
Aug	1%	2,528	19	0.72	2.9	65
Sept	2%	3,604	28	1.03	4.1	93
Oct	5%	8,268	64	2.36	9.5	213
Nov	10%	17,048	131	4.87	19.6	438
Dec	14%	24,513	189	7.00	28.2	630
Jan	19%	31,978	246	9.14	36.8	822
Feb	20%	33,976	261	9.71	39.1	874
March	14%	23,983	184	6.85	27.6	617
April	9%	15,323	118	4.38	17.6	394
May	3%	4,390	34	1.25	5.0	113
June	2%	2,938	23	0.84	3.4	76
July	1%	2,272	17	0.65	2.6	58
Total	100%	170,820	1314	48.8	196.3	£4,393



Information is provided as a guide only. Figures are based on a boiler operating at its rated output for 1314 hours per annum i.e. max RHI Tier 1 allowance. No allowance for boiler efficiency has been made. Monthly output data is based on national domestic averages.