

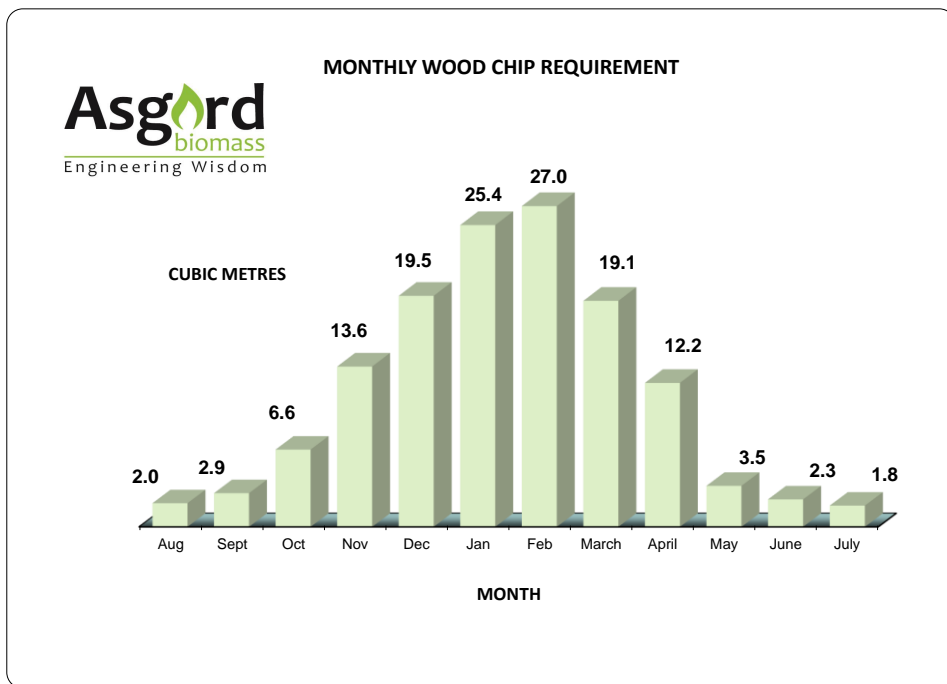
Monthly Fuel and Cost Calculator Wood Chip Boiler 90kW

Installation Data

Boiler Size	90 kW
Annual heat Use	118,260 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%	1,750	19	0.50	2.0	45
Sept	2%	2,495	28	0.71	2.9	64
Oct	5%	5,724	64	1.64	6.6	147
Nov	10%	11,802	131	3.37	13.6	303
Dec	14%	16,970	189	4.85	19.5	436
Jan	19%	22,138	246	6.33	25.4	569
Feb	20%	23,522	261	6.72	27.0	605
March	14%	16,604	184	4.74	19.1	427
April	9%	10,608	118	3.03	12.2	273
May	3%	3,039	34	0.87	3.5	78
June	2%	2,034	23	0.58	2.3	52
July	1%	1,573	17	0.45	1.8	40
Total	100%	118,260	1314	33.8	135.9	£3,041



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.