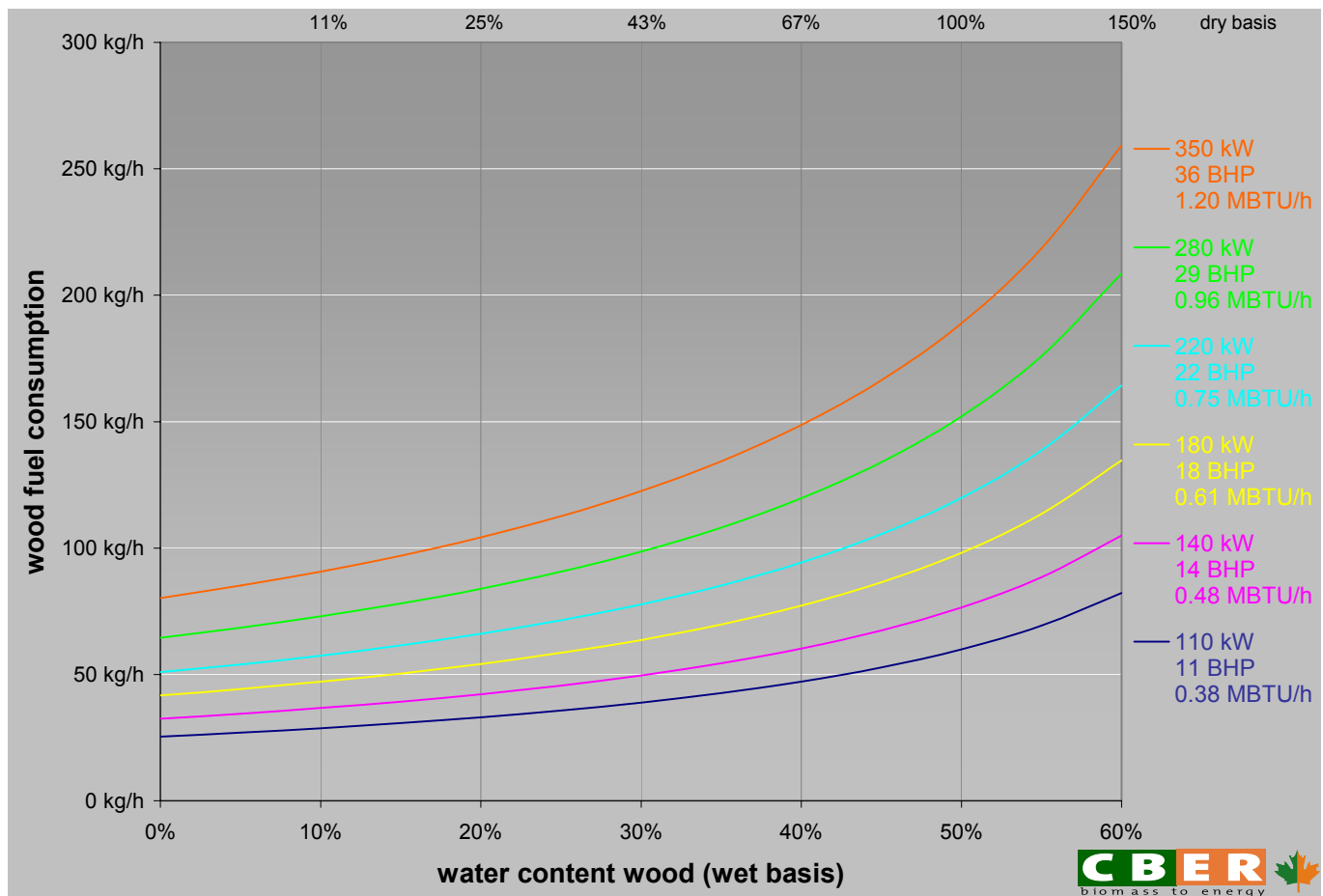


Technical Information

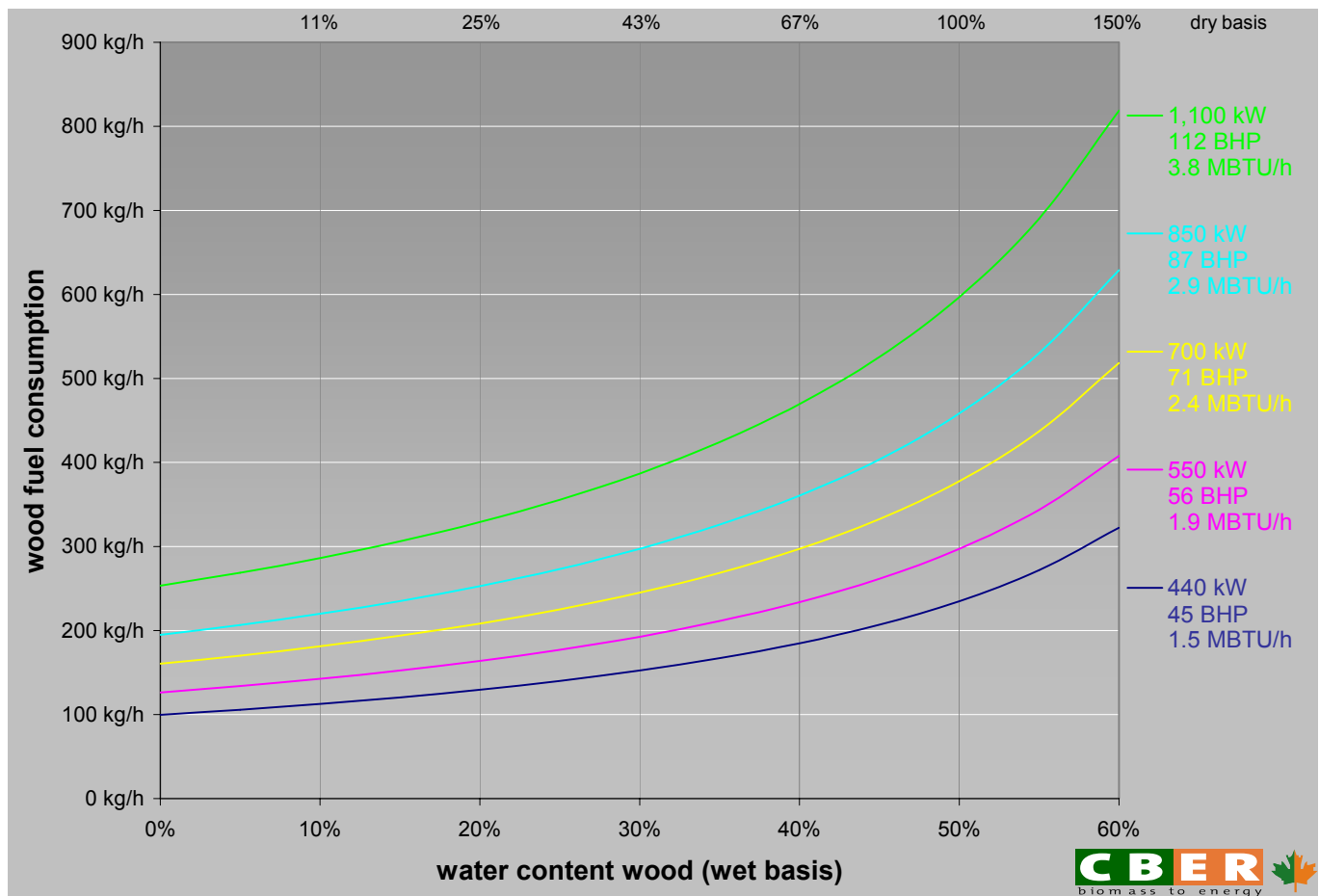
Fuel Consumption of Standard Firebox Boilers

Fuel Consumption of Firebox Boilers rated < 1.2 MBTU/h (< 36 BHP or 350 kW) output



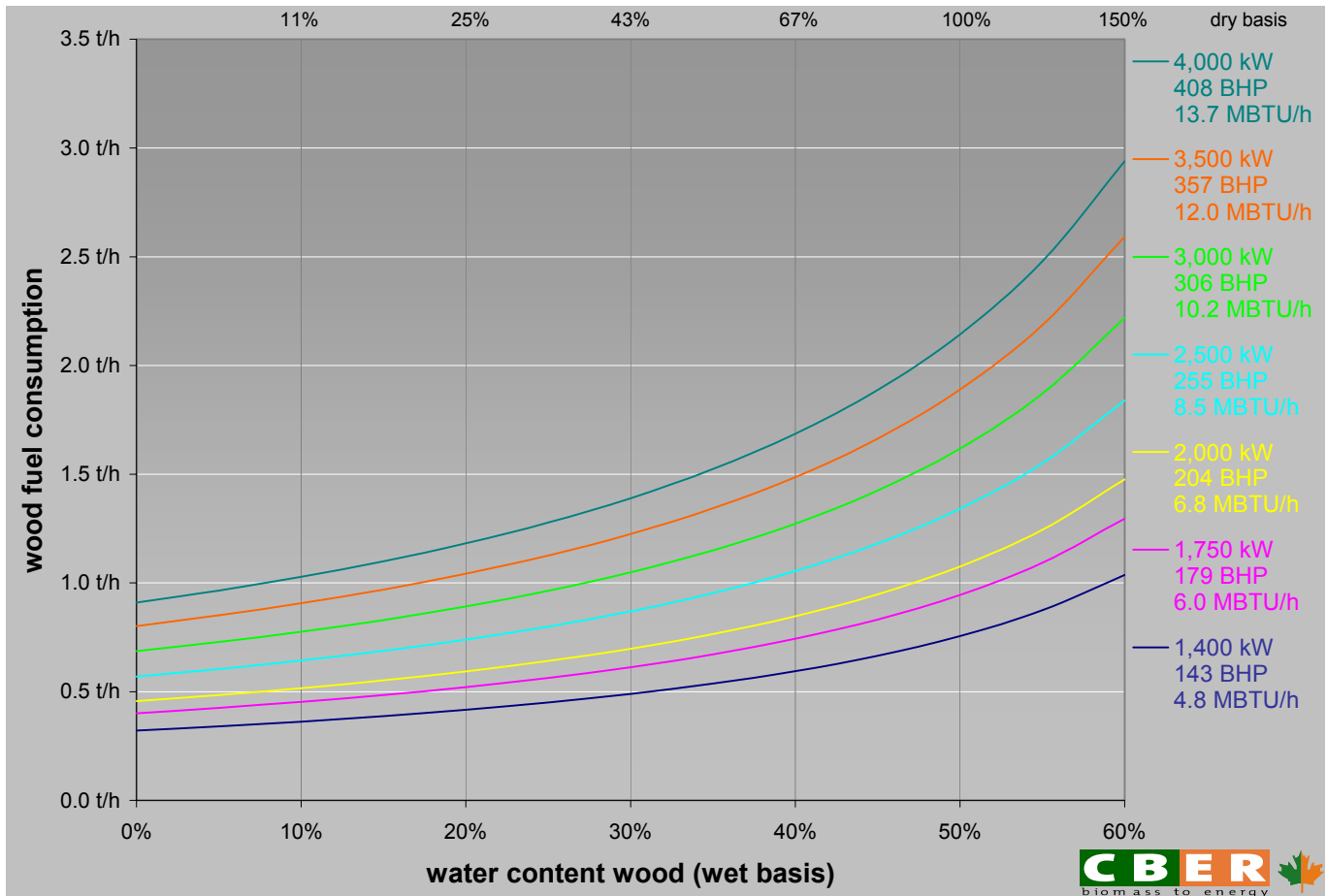
	0%	10%	20%	30%	40%	50%	60%
<i>Moisture content (wet basis)</i>	0%	10%	20%	30%	40%	50%	60%
<i>Moisture content (dry basis)</i>	0%	11%	25%	43%	67%	100%	150%
<i>calorific value (softwood)</i>	18.4 GJ/t	16.3 GJ/t	14.2 GJ/t	12.0 GJ/t	9.9 GJ/t	7.8 GJ/t	5.7 GJ/t
<i>rated output capacity</i>	Wood fuel consumption (in kilogram per hour)						
110 kW 11 BHP 0.38 MBTU/h	25 kg/h	29 kg/h	33 kg/h	39 kg/h	47 kg/h	60 kg/h	82 kg/h
140 kW 14 BHP 0.48 MBTU/h	32 kg/h	37 kg/h	42 kg/h	50 kg/h	60 kg/h	76 kg/h	105 kg/h
180 kW 18 BHP 0.61 MBTU/h	42 kg/h	47 kg/h	54 kg/h	64 kg/h	77 kg/h	98 kg/h	135 kg/h
220 kW 22 BHP 0.75 MBTU/h	51 kg/h	57 kg/h	66 kg/h	78 kg/h	94 kg/h	120 kg/h	164 kg/h
280 kW 29 BHP 0.96 MBTU/h	65 kg/h	73 kg/h	84 kg/h	99 kg/h	120 kg/h	152 kg/h	209 kg/h
350 kW 36 BHP 1.20 MBTU/h	80 kg/h	91 kg/h	104 kg/h	123 kg/h	149 kg/h	189 kg/h	259 kg/h

Fuel Consumption of Firebox Boilers rated 1.5 - 3.8 MBTU/h (45 - 112 BHP or 440 – 1,100 kW) output



	0%	10%	20%	30%	40%	50%	60%
<i>Moisture content (wet basis)</i>	0%	10%	20%	30%	40%	50%	60%
<i>Moisture content (dry basis)</i>	0%	11%	25%	43%	67%	100%	150%
<i>calorific value (softwood)</i>	18.4 GJ/t	16.3 GJ/t	14.2 GJ/t	12.0 GJ/t	9.9 GJ/t	7.8 GJ/t	5.7 GJ/t
<i>rated output capacity</i>	Wood fuel consumption (in kilogram per hour)						
440 kW	100 kg/h	113 kg/h	130 kg/h	152 kg/h	185 kg/h	235 kg/h	322 kg/h
550 kW	126 kg/h	143 kg/h	164 kg/h	193 kg/h	234 kg/h	297 kg/h	408 kg/h
700 kW	160 kg/h	181 kg/h	208 kg/h	245 kg/h	297 kg/h	378 kg/h	518 kg/h
850 kW	195 kg/h	220 kg/h	253 kg/h	297 kg/h	361 kg/h	459 kg/h	629 kg/h
1,100 kW	253 kg/h	286 kg/h	329 kg/h	387 kg/h	469 kg/h	597 kg/h	819 kg/h

Fuel Consumption of Firebox Boilers rated 4.8 – 13.7 MBTU/h (143 - 408 BHP or 1.4 – 4.0 MW) output



	0%	10%	20%	30%	40%	50%	60%
<i>Moisture content (wet basis)</i>	0%	10%	20%	30%	40%	50%	60%
<i>Moisture content (dry basis)</i>	0%	11%	25%	43%	67%	100%	150%
<i>calorific value (softwood)</i>	18.4 GJ/t	16.3 GJ/t	14.2 GJ/t	12.0 GJ/t	9.9 GJ/t	7.8 GJ/t	5.7 GJ/t
<i>rated output capacity</i>	Wood fuel consumption (in metric tonne per hour)						
1,400 kW 143 BHP 4.8 MBTU/h	0.3 t/h	0.3 t/h	0.4 t/h	0.4 t/h	0.4 t/h	0.5 t/h	0.5 t/h
1,750 kW 179 BHP 6.0 MBTU/h	0.4 t/h	0.4 t/h	0.5 t/h	0.5 t/h	0.5 t/h	0.6 t/h	0.6 t/h
2,000 kW 204 BHP 6.8 MBTU/h	0.5 t/h	0.5 t/h	0.5 t/h	0.6 t/h	0.6 t/h	0.6 t/h	0.7 t/h
2,500 kW 255 BHP 8.5 MBTU/h	0.6 t/h	0.6 t/h	0.6 t/h	0.7 t/h	0.7 t/h	0.8 t/h	0.9 t/h
3,000 kW 306 BHP 10.2 MBTU/h	0.7 t/h	0.7 t/h	0.8 t/h	0.8 t/h	0.9 t/h	1.0 t/h	1.0 t/h
3,500 kW 357 BHP 12.0 MBTU/h	0.8 t/h	0.9 t/h	0.9 t/h	1.0 t/h	1.0 t/h	1.1 t/h	1.2 t/h
4,000 kW 408 BHP 13.7 MBTU/h	0.9 t/h	1.0 t/h	1.0 t/h	1.1 t/h	1.2 t/h	1.3 t/h	1.4 t/h