



Heating boiler, type BioWIN ..0 (sizes/models: data given by manufacturer)

Heating boiler size/ models	Fuel ¹	Nominal heat output range ² kW	Necessary flue gas draught (under pressure) Pa	Average flue gas temperature °C	Boiler efficiency direct η %	Emissions values															
						CO		NO _x		C _x H _y		dust		related to O ₂							
						mg/m ³	mg/MJ	mg/m ³	mg/MJ	mg/m ³	mg/MJ	mg/m ³	mg/MJ	10%	13%	10%	13%	10%	13%	10%	13%

BioWIN 350	C1	NL	35,0	8	117	93,7	49	35	23	171	125	81	1	1	1	17	12	8
		TL	10,5	5	82	91,7	285	208	135	105	77	50	5	4	2	13	9	6
BioWIN 450 ³	C1	NL	45,0	8	121	94,1	43	31	20	170	124	80	1	1	1	18	13	8
		TL	13,5	6	83	92,5	212	154	100	124	90	59	4	3	2	15	10	7
BioWIN 600	C1	NL	60,0	9	127	94,6	33	24	15	168	123	79	1	0	0	19	14	9
		TL	18,0	7	84	93,4	118	85	56	147	107	70	3	2	1	17	12	8

A plausibility check of the interpolated values was carried out on the basis of the measured values from the heating tests according to the test reports.

¹ A: Log wood B1: Chipped wood (water content 15 % to 35 %) C1: Compressed wood pellets (6 mmØ)

D: Sawdust

² NL = nominal load / TL = part load

³ Not tested intermediate size, data given by manufacturer