



AMERICA'S BOILER COMPANY

High Pressure Steam Boilers  
Model 4NP-68 Rating Data  
for Biomass/Wood Firing

BOILER MODEL	GROSS RATING			FIRING RATE LBS/HR	FIRESIDE HTG SURF SQ FT	FURNACE VOLUME CU FT	WATER CONTENT		DRY WEIGHT LBS
	MBH	HP	STEAM LBS/HR				GALLONS		
							WATER	STEAM	
4NP625-68	3077	92	3171	653	625	148.5	941	764	16211
4NP925-68	4554	136	4693	967	925	186.6	1195	1006	19675
4NP1250-68	6153	184	6342	1306	1250	238.0	1486	1188	24562
4NP1538-68	7571	226	7803	1607	1538	315.7	1789	1450	27390
4NP1850-68	9107	272	9386	1934	1850	407.7	2118	1681	32595
4NP2153-68	10599	317	10923	2250	2153	471.9	2609	2056	39030
4NP2500-68	12307	368	12684	2613	2500	521.3	2820	2209	40190
4NP3075-68	15138	452	15601	3214	3075	500.4	3406	2586	46370
4NP3690-68	18165	543	18721	3857	3690	574.1	3842	2901	55000
4NP4305-68	21193	633	21842	4499	4305	716.2	4465	3381	61996

NOTES:

- 1 BOILER MODEL SUFFIX "68" INDICATES 6.8 SQ.FT.F.S.H.S. / HP
- 2 FIRING RATE BASED ON BIOMASS/WOOD FUEL AT 6000 BTU/LB AND 78.5% OPERATING EFFICIENCY
- 3 FURNACE VOLUME IS MEASURED FROM THE BOTTOM OF THE BOILER MUDLEG.