

Series 4NL/W-68 BIOMASS/WOOD RATINGS

BOILER MODEL	GROSS RATINGS						WATER CONTENT GALLONS	
	MBH	HP	Steam Lbs./Hr.	Firing Rate Lbs./Hr.	Fireside Heating Surface Sq. Ft.	Furnace Volume Cu. Ft.	Water	Steam
4NL/W63-68	222	6.6	228	47	47	8.8	2,265	2,055
4NL/W78-68	271	8.1	279	57	55	10.7	2,650	2,390
4NL/W92-68	315	9.4	325	67	64	12.6	3,020	2,700
4NL/W107-68	364	10.9	375	77	74	14.6	3,500	3,140
4NL/W127-68	473	14.1	487	100	96	18.3	2,895	3,605
4NL/W154-68	566	16.9	583	120	115	21.9	4,465	4,040
4NL/W180-68	655	19.6	675	139	133	25.3	5,025	4,525
4NL/W209-68	753	22.5	776	160	153	29.1	5,620	5,040
4NL/W240-68	901	26.9	928	191	183	34.7	6,250	5,635
4NL/W277-68	1,034	30.9	1,065	219	210	39.7	6,985	6,285
4NL/W311-68	1,157	34.6	1,192	246	235	44.4	7,910	7,120
4NL/W345-68	1,280	38.2	1,319	272	260	49.1	8,535	7,650
4NL/W397-68	1,954	58.4	2,014	415	397	58.9	10,830	10,005
4NL/W463-68	2,279	68.1	2,349	484	463	68.0	13,055	12,100
4NL/W563-68	2,772	82.8	2,856	588	563	89.3	14,665	13,515
4NL/W662-68	3,259	97.4	3,359	692	662	104.7	17,390	16,030
4NL/W827-68	4,071	121.6	4,196	864	827	115.6	20,645	18,630
4NL/W993-68	4,888	146.0	5,038	1,038	993	139.2	23,455	21,005
4NL/W1157-68	5,696	170.1	5,870	1,209	1,157	160.7	27,675	25,340
4NL/W1323-68	6,513	194.6	6,712	1,383	1,323	186.5	31,540	28,815
4NL/W1654-68	8,142	243.2	8,392	1,729	1,654	234.0	36,900	33,710
4NL/W1985-68	9,772	291.9	10,071	2,075	1,985	301.6	44,370	40,815
4NL/W2315-68	11,396	340.4	11,745	2,420	2,315	348.6	53,385	49,270
4NL/W2645-68	13,021	389.0	13,419	2,764	2,645	383.8	60,120	55,590
4NL/W3075-68	10,215	305.1	10,528	2,169	2,075	505.6	78,710	71,630

- 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.

Series 4NP-68 BIOMASS/WOOD FIRING

High Pressure Steam Boilers

BOILER MODEL	GROSS RATINGS						WATER CONTENT GALLONS		
	MBH	HP	Steam Lbs./Hr.	Firing Rate Lbs./Hr.	Fireside Heating Surface Sq. Ft.	Furnace Volume Cu. Ft.	Water	Steam	Dry Weight Lbs.
4NP625-68	3,077	92	3,171	653	625	148.5	941	764	16,211
4NP925-68	4,554	136	4,693	967	925	186.6	1,195	1,006	19,675
4NP1250-68	6,153	184	6,342	1,306	1,250	238.0	1,486	1,888	24,562
4NP1538-68	7,571	226	7,803	1,607	1,538	315.7	1,789	1,450	27,390
4NP1850-68	9,107	272	9,386	1,934	1,850	407.7	2,118	1,681	32,595
4NP2153-68	10,599	317	10,923	2,250	2,153	471.9	2,609	2,056	39,030
4NP2500-68	12,307	368	12,684	2,613	2,500	521.3	2,820	2,209	40,190
4NP3075-68	15,138	452	15,601	3,214	3,075	500.4	3,406	2,586	46,370
4NP3690-68	18,165	543	18,721	3,857	3,690	574.1	3,842	2,901	55,000
4NP4305-68	21,193	633	21,842	4,499	4,305	716.2	4,465	3,381	61,996

- 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.



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