

SERIES MAX3 BOILERS, HP		70SL	80SL	90SL	100SL	125SL	150SL	175SL	200SL	250SL	300SL	350SL	400SL	450SL
A	SHELL DIAMETER	55	55	55	55	64	64	64	72	72	72	86	86	86
B	FURNACE DIAMETER	26	26	26	26	30	30	30	36	36	36	44	44	44
C	SHELL LENGTH	108	123	138	148	146	168	198	152	187	215	208	218	240
D	HEIGHT C.L. OF FURNACE	30	30	30	30	32	32	32	34-7/16	34-7/16	34-7/16	40	40	40
E	BOILER HEIGHT - OVERALL	74	74	74	74	83	83	83	90-7/8	90-7/8	90-7/8	105	105	105
F	BOILER LENGTH - OVERALL	139	154	171	181	185	207	237	189	228	260	258-3/4	268-3/4	290-3/4
G	NORMAL WATER LINE	60	60	60	60	66	66	66	74	74	74	87-1/4	87-1/4	87-1/4
H	HEIGHT - FRONT SMOKEBOX TOP	58	58	58	58	64	64	64	71-15/16	71-15/16	71-15/16	85-1/4	85-1/4	85-1/4
I	HEIGHT - FRONT SMOKEBOX BOTTOM	27	27	27	27	28	28	28	29-15/16	29-15/16	29-15/16	33-1/2	33-1/2	33-1/2
J	HEIGHT - REAR SMOKEBOX TOP	68	68	68	68	77	77	77	84-5/8	84-5/8	84-5/8	98-3/4	98-3/4	98-3/4
K	HEIGHT - REAR SMOKEBOX BOTTOM	46	46	46	46	52	52	52	56-7/8	56-7/8	56-7/8	64-1/2	64-1/2	64-1/2
L	DEPTH - FRONT SMOKEBOX	8	8	8	8	8	8	8	8-1/2	8-1/2	8-1/2	10-1/2	10-1/2	10-1/2
M	DEPTH - REAR SMOKEBOX	19	19	21	21	27	27	27	25	29	33	36	36	36
N	SADDLE LENGTH	47	47	47	47	54	54	54	60	60	60	70	70	70
O	SADDLE WIDTH	6	6	6	6	8	8	8	8	8	8	10	10	10
P	SADDLE - FRONT OFFSET	11	11	11	11	11	11	11	11	11	11	13	13	13
Q	SADDLE - REAR OFFSET	11	11	11	11	11	11	11	11	11	11	13	13	13
R	DISTANCE BETWEEN SADDLES	74	89	104	114	108	130	160	114	149	177	162	172	194
S	VENT DIAMETER	14	14	16	16	18	20	20	20	24	28	28	30	30
T	LENGTH OF FURNACE	90	105	120	130	128	150	180	131-3/4	166-3/4	194-3/4	177-1/2	187-1/2	209-1/2
U	LENGTH - REVERSING CHAMBER	18	18	18	18	18	18	18	20	20	20	30	30	30
V (V1)	STEAM (WATER) SUPPLY SIZE (NPS)	8 (4)	8 (4)	8 (4)	8 (4)	8 (4)	8 (6)	8 (6)	8 (6)	8 (6)	8 (6)	10 (6)	10 (6)	10 (6)
W (W1)	STEAM (WATER) RETURN SIZE (NPS)	4 (4)	4 (4)	4 (4)	4 (4)	4 (4)	4 (6)	4 (6)	4 (6)	4 (6)	4 (6)	6 (6)	6 (6)	6 (6)

IF NO COILS USED NORMAL WATER LINE "H" MAY BE LOWERED BY 2"

TRUEMAX INDUSTRIAL LLC BOILER RATINGS

BOILER SIZE	HP	70SL	80SL	90SL	100SL	125SL	150SL	175SL	200SL	250SL	300SL	350SL	400SL	450SL
Steam Output: From @ 212 F	LBS/HR	2415	2760	3105	3450	4313	5175	6038	6900	8625	10350	12075	13800	15525
Gross Output	MBH	2418	2763	3108	3454	4317	5181	6044	6908	8634	10361	12088	13815	15542
Firing Rate Natural Gas; 1,000 BTU/CF	CFH	2929	3348	3766	4184	5230	6277	7323	8369	10461	12553	14645	16738	18830
Firing Rate Fuel Oil #2; 140,000 BTU	GPH	19.8	24	27	29.5	37	45	52	60	75	90	105	120	135
Firing Rate Fuel Oil #6; 150,000 BTU	GPH	20	22	25	28	35	42	49	56	70	84	98	112	126
Fireside Heating Surface	SQ FT	350	400	450	500	625	750	875	1000	1250	1500	1750	2000	2250
Furnace Volume	CU FT	35	39	41	48	88	97	101	108	126	154	212	230	254
Heat Release	MBH/FT ³	72	74	79	75	59	65	73	77	83	82	69	73	74
Operating Volume	GAL	398	426	527	648	892	1173	1392	865	998	1211	1664	1858	2038
Efficiency	%	82	82	82	82	82	82	82	82	82	82	82	82	82
Approx. Shipping Weight	LBS	4865	5102	5289	5826	9292	10235	11736	11221	12264	14480	16543	17642	18689
Approx. Operating Weight	LBS	8012	8597	9289	10684	16895	18956	21374	19360	1956	23068	29724	31669	35026
Approx. Flooded Weight	LBS	9286	10102	10873	12687	19324	21683	24832	20522	24954	26618	36539	40475	43471

