

SERIES MAX3 BOILERS, HP		90SS	100SS	175SS	250SS	300SS
A	SHELL DIAMETER	72	72	86	96	96
B	FURNACE DIAMETER	36	36	44	52-1/2	52-1/2
C	SHELL LENGTH	76	82	126	132	140
D	HEIGHT C.L. OF FURNACE	34-7/16	34-7/16	40	42-3/8	42-3/8
E	BOILER HEIGHT -OVERALL	90-7/8	90-7/8	105	115	115
F	BOILER LENGTH -OVERALL	111	117	167-3/4	177-1/4	189-1/4
G	NORMAL WATER LINE	74	74	87-1/4	93-7/8	93-7/8
H	HEIGHT - FRONT SMOKEBOX TOP	71-15/16	71-15/16	85-1/4	91-3/4	91-3/4
I	HEIGHT - FRONT SMOKEBOX BOTTOM	29-15/16	29-15/16	33-1/2	35-1/4	35-1/4
J	HEIGHT - REAR SMOKEBOX TOP	84-5/8	84-5/8	98-3/4	108-3/4	108-3/4
K	HEIGHT - REAR SMOKEBOX BOTTOM	56-7/8	56-7/8	64-1/2	74-1/2	74-1/2
L	DEPTH - FRONT SMOKEBOX	8-1/2	8-1/2	10-1/2	12	12
M	DEPTH - REAR SMOKEBOX	23	23	27	29	33
N	SADDLE LENGTH	60	60	70	78	78
O	SADDLE WIDTH	8	8	10	12	12
P	SADDLE -FRONT OFFSET	11	11	13	18	18
Q	SADDLE -REAR OFFSET	11	11	13	18	18
R	DISTANCE BETWEEN SADDLES	38	44	80	72	80
S	VENT DIAMETER	16	16	20	24	28
T	LENGTH OF FURNACE	55-3/4	61-3/4	95-1/2	101-3/8	109-3/8
U	LENGTH -REVERSING CHAMBER	20	20	30	30	30
V (V1)	STEAM (WATER) SUPPLY SIZE (NPS)	8 (4)	8 (4)	8 (6)	8 (6)	8 (6)
W (W1)	STEAM (WATER) RETURN SIZE (NPS)	4 (4)	4 (4)	4 (6)	4 (6)	4 (6)

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

## TRUEMAX INDUSTRIAL LLC BOILER RATINGS

BOILER SIZE	HP	90SS	100SS	175SS	250SS	350SS
Steam Output; From @ 212 F	LBS/HR	3105	3450	6038	8625	12075
Gross Output	MBH	3108	3454	6044	8634	12088
Firing Rate Natural Gas; 1,000 BTU/CF	CFH	3766	4184	7323	10461	14645
Firing Rate Fuel Oil #2; 140,000 BTU	GPH	27	29.50	52	75	105
Firing Rate Fuel Oil #6; 150,000 BTU	GPH	25	28	49	70	98
Fireside Heating Surface	SQ FT	450	500	875	1250	1750
Furnace Volume	CU FT	52	60	119	138	226
Heat Release	MBH/FT^3	72	69	62	76	65
Operating Volume	GAL	476	581	1419	1023	1689
Efficiency	%	82	82	82	82	82
Approx. Shipping Weight	LBS	6226	6924	12283	13290	17589
Approx. Operating Weight	LBS	10195	11771	24117	21825	31680
Approx. Flooded Weight	LBS	11897	13820	27673	25212	39007

