



GROSS OUTPUT				NET RATING		FIRING RATE		Heating Surface (fireside)	Furnace Volume
Horsepower	Steam Radiation	Steam Thermal	Steam per hr. from & at 212°F	Steam Radiation	Steam Thermal	Light Oil	Gas		
H.P.	SQ. FT.	MBH	LBS/HR.	SQ. FT.	MBH	GPH	MBH	SQ. FT.	CU. FT.
80	11,200	2,697	2,760	8,664	2,080	22.9	3,264	400	61.944

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	V	W	X
Overall Length	Overall Width (over 2 insulation)	Overall Height	Shell Length	Furnace Diameter	Furnace Length	Normal Water Line *	Height - C.L. of Furnace	Depth-Reversing Chamber	Depth-Smoke Hood	Vent Outlet Dia.	Top-Front Rev. Chamber	Bottom-Front Rev. Chamber	Top-Smoke Hood	Bottom-Smoke Hood	Saddle Width	Saddle Length	C.L. Front Saddle	C.L. Rear Saddle	Steam Outlet Size	Return Size
FT.-IN.	IN.	IN.	FT.-IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
8' 8 1/8"	77 3/4	85 3/4	6' 0 1/8"	41	64 3/8	71 7/8	36 1/2	10	17	14	71 3/8	35 1/2	84 3/8	60 3/4	7	61 1/2	15	46	6	3

Heat Release Rate	Steam Disengaging Area at N.W.L.	Steam Cubic Space Over N.W.L.	Steam Space from normal w.l. to inside shell	Water Content to N.W. Line	Dry Weight (Approx.)	Operating Weight (Approx.)
BTUs/FT <sup>3</sup> /HR	SQ. FT.	CU. FT.	IN.	GAL.	LBS.	LBS.
54,243	27.214	21.302	13 1/2	494	8,500	12,650

\* Normal water lines shown here are without a hot water Coil. For hot water coil, add 1 3/4".