

Boiler Number		LM-878	LM-879	LM-880	LM-881	LM-882	LM-883	LM-884
SBI Rating	Steam Radiation sq.ft.	5470	6080	7290	8500	10330	12150	14215
	Water Radiation sq.ft.	8150	9720	11660	13600	16520	19440	22220
	MBtu/h	1313	1459	1750	2040	2477	2916	364
Certified Output - Steam sq.ft.		8200	9120	10940	12750	15500	18230	227
Firing Rate - Oil gph.		16	18	22	26	31	37	46
" " Gas MBtu/h		2460	2740	3280	3830	4650	5460	680
Heating Surface (SBI min) sq.ft.		322	358	429	500	608	715	89
Furnace Volume (SBI min) cu.ft.		39.1	43.5	52.1	60.8	73.8	86.8	108.
Net Furnace Volume cu.ft.		52.5	56.0	64.8	70.6	78.6	98.2	123.
Safety Valve Capacity, b. steam per hr.		1170	2189	2625	3060	3719	4374	546
*	A-Boiler Diameter	4-6	4-6	5-0	5-0	5-6	5-6	6-0
	B-Boiler Length	11-8	12-7	11-7	12-9½	13-2	14-10	16-1
	C-Steam Supply Height	6-0	6-0	6-6	6-6	7-0½	7-0½	7-6½
	D-Smoke Outlet Height	5-11	5-11	6-5	6-5	6-11	6-11	7-5
	E-Water Column Height	4-5½	4-5½	4-10½	4-10½	5-2	5-2	5-6
	F-Water Line Height	4-7½	4-7½	5-0½	5-0½	5-4	5-4	5-8
	H-Steam Supply	3-0	3-6	3-1	3-7	3-8	4-2	4-9
	J-Safety Valve	5-4	5-9	5-2	5-10	5-9	7-0	7-0
	K-Feed Water, Each side	2-3	2-9	2-2	2-9	2-7	3-5	3-7
	L-Return, Each side	4-4	4-4	4-4	4-4	4-9	4-9	5-3
	M-Drain	4-0	4-0	4-0	4-0	4-3	4-3	4-5
**	N-Smoke Outlet Width	0-11¾	0-11¾	1-0¾	1-0¾	1-1¾	1-1¾	1-2¾
**	O-Smoke Outlet Length	2-5¾	2-5¾	3-0¾	3-0¾	3-4¾	3-4¾	3-6¾
	P-Furnace Height	2-6	2-6	2-7½	2-7½	2-9	2-9	2-10½
	Q-Furnace Inside Diameter	2-2¾	2-2¾	2-5¾	2-5¾	2-8½	2-8½	2-10
	T-Support Location	2-3	2-3	2-4	2-4	2-5	2-8	2-9
	U " Center to Center	6-11	7-10	6-9	7-11	8-1	9-6	10-6
	V " Width	0-6	0-6	0-6	0-6	0-8	0-8	0-8
	W " Length	3-8	3-8	4-0	4-0	4-6	4-6	4-10
	X " Height	12" Show on diagram						
	Y-Tube Replacement Space	7-2	8-1	6-11	8-1½	8-2	9-10	10-9
	Breeching Diameter - One Boiler	1-9	1-10	1-11	2-0	2-2	2-4	2-6
	Stack - Diameter	1-7	1-8	1-9	1-10	2-0	2-2	2-4
	Stack - Height	40-0	40-0	35-0	40-0	40-0	45-0	50-0
	Breeching Dia - Two Boilers	2-3	2-4	2-6	2-7	2-10	3-0	3-4
	Stack - Diameter	2-1	2-2	2-4	2-5	2-8	2-10	3-1
	Stack - Height	45-0	45-0	40-0	45-0	45-0	50-0	55-0
	Steam Supply Size	0-6	0-6	0-8	0-8	0	0-8	0-8
	Drain Size	0-1½	0-1½	0-2	0-2	0	0-2	0-2
***	Return Size	0-4	0-4	0-4	0-4	0-4	0-4	0-4
	Feed Water Size	0-1¼	0-1¼	0-1¼	0-1¼	0-1½	0-1½	0-1½
	Outside Surface to Cover Sq.Ft.	165	180	180	200	230	260	305
	Approximate Weight lb.	7000	7400	8200	8800	11300	12400	14800

