

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	14010
	Water Radiation sq.ft.	8150	9720	11660	13600	16520	19440	22420
	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
	R- 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



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Unit Number	78-75	79-25	80-25	81-25	82-35	83-35	84-50	85-60	86-60	87-75	88-75
SBI Rating-Horse Power	34	44	52	61	74	87	109	130	152	174	207
Steam per Hour 212°F Lb.	1350	1500	1800	2100	2560	3010	3750	4510	5260	6010	7510
Btu's per Hour 1000's	1313	1459	1750	2040	2479	2916	3643	4373	5110	5880	7281
Heating Surface sq.ft.	322	358	429	500	608	715	893	1072	1250	1429	1786
Furnace Volume cu.ft.	45.8	48.4	57.9	62.4	79.8	87.5	110.2	141.1	153.7	174.0	217.
A- Length Overall	16-2½	17-1½	16-0½	17-3	17-6½	19-2½	20-8	21-1½	23-1½	22-3	24-1
B- Width Overall	5-8	5-8	6-2	6-2	6-8	6-8	7-4	7-10	7-10	8-4	8-1
C- Steam Supply Height	6 6½	6-6½	7-0	7-0	7-6½	7-6½	8-1	8-7	8-7	9-1½	9-8
D- Smoke Outlet Height	6-4½	6-4½	6-10	6-10	7-4	7-4	7-10½	8-4½	8-4	8-11	9-4
E- Water Line Height	5-3½	5-3½	5-8	5-8	5-11½	5-11½	6-4	6-8	6-8	7-0½	7-5
F- Boiler Dia- Base Width	4-6	4-6	5-0	5-0	5-6	5-6	6-0	6-6	6-6	7-0	7-6
G- Boiler Length	11-8	12-7	11-7	12-9½	13-2	14-10	16-1	16-7	18-7	17-9	18-1
H- Front of Unit to Boiler	4-6½	4-6½	4-5½	4-5½	4-4½	4-4½	4-7	4-6½	4-6½	4-6	5-1
J- Base Length	11-7½	12-6½	11-5½	12-8	12-9½	14-5½	15-9	15-9½	17-9½	16-10	19-2
K- Base Height	6	6	6	6	8	8	8	10	10	12	12
L- Floor to Boiler	18½	18½	18	18	18	18	18½	18½	18½	19	18½
M- Steam Supply	3-0	3-6	3-1	3-7	3-8	4-2	4-9	4-10	5-4	5-5	5-5
N- Safety Valve	3-6	4-3	4-3	4-4	4-5	5-0	5-0	5-0	6-6	5-6	6-6
O- Blowoff	4-0	4-0	4-0	4-0	4-3	4-3	4-5	5-4	5-4	5-6	5-6
P- Feed Water, each side	6-7	7-1	6-6	7-1	7-4	8-2	8-10	9-3	10-3	9-10	10-6
R- Return- 15lb swp, each side	4-4	4-4	4-4	4-4	4-9	4-9	5-3	5-8	6-2	6-5	6-5
S- Smoke Outlet Width	10	10	10	10	10	10	11	13	13	14	14
T- " " Length	16	16	20	20	2-4	2-4	2-4	2-8	2-8	2-8	3-2
U- Tube Replacement space	7-2	8-1	6-11	8-1½	8-2	9-10	10-9	10-8	12-8	11-7	12-1
Vent Size	14	14	15	16	17	19	21	22	23	24	26
Steam Outlet 15lb swp*	6	6	8	8	8	8		8	8	8	10
" " over 15lb swp**	4	4	4	4	6	6	6	6	6	6	8
Blowoff Size	1½	1½	2	2	2	2	2	2	2½	2½	2½
Return Size 15lb swp each side	4	4	4	4	4	4	4	4	4	4	**6
Outside Surface to Cover sq.ft.	165	180	180	200	230	260	305	340	380	390	440
Appr. Unit Weight 15lb swp	9600	10100	11000	11700	14200	15500	18400	21700	23700	27500	3300
" " " 125 lb swp	10200	10700	12900	14000	16000	17000	21000	25100	26500	32100	3830
" " " 150 lb swp	10800	11400	13200	14400	16800	18200	22300	26900	29400	35800	4080
* 150 Lb Am. Std. Flange											
** 300 Lb. " " "											



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