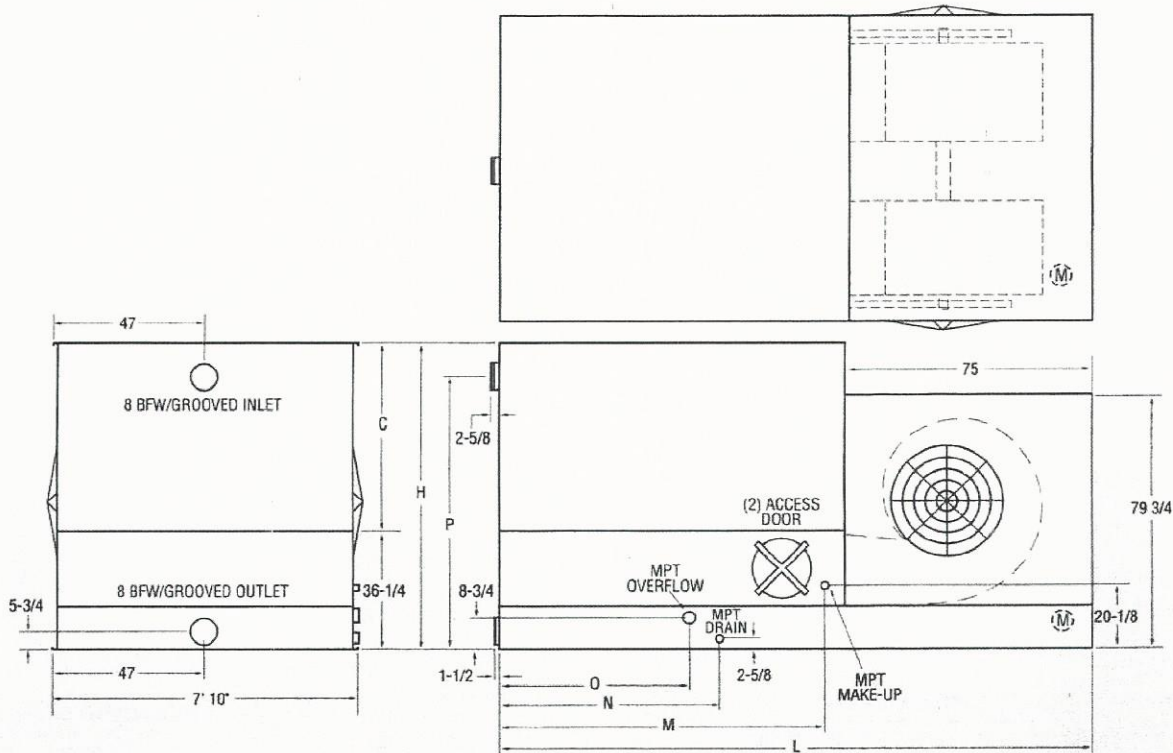




LRT Engineering Data and Dimensions



Low Silhouette Cooling Towers

Models LRT 8-91 to 8-128

MODEL NO.	WEIGHT		FANS			DIMENSIONS						CONNECTIONS (IN)					
	SHIPPING	OPERATING	NO.	MOTOR HP	CFM	H	L	P	C	O	N	M	WATER IN	WATER OUT	MAKE UP	DRAIN	OVER FLOW
LRT 8-91	4220	8530	2	20	49270	6' 11-1/2"	15' 2-1/4"	6' 5/8"	3' 11-1/4"	4' 11-1/2"	5' 7-1/2"	8' 5-1/4"	8	8	1	2	3
LRT 8-92	4290	8600	2	15	41610	6' 11-1/2"	15' 2-1/4"	6' 5/8"	3' 11-1/4"	4' 11-1/2"	5' 7-1/2"	8' 5-1/4"	8	8	1	2	3
LRT 8-93	4220	8530	2	20	46850	6' 11-1/2"	15' 2-1/4"	6' 5/8"	3' 11-1/4"	4' 11-1/2"	5' 7-1/2"	8' 5-1/4"	8	8	1	2	3
LRT 8-94	4460	8770	2	15	41020	7' 11-1/2"	15' 2-1/4"	7' 5/8"	4' 11-1/4"	4' 11-1/2"	5' 7-1/2"	8' 5-1/4"	8	8	1	2	3
LRT 8-95	4320	8630	2	25	49340	6' 11-1/2"	15' 2-1/4"	6' 5/8"	3' 11-1/4"	4' 11-1/2"	5' 7-1/2"	8' 5-1/4"	8	8	1	2	3
LRT 8-96	4340	8650	2	30	51110	6' 11-1/2"	15' 2-1/4"	6' 5/8"	3' 11-1/4"	4' 11-1/2"	5' 7-1/2"	8' 5-1/4"	8	8	1	2	3
LRT 8-97	4490	8790	2	25	48680	7' 11-1/2"	15' 2-1/4"	7' 5/8"	4' 11-1/4"	4' 11-1/2"	5' 7-1/2"	8' 5-1/4"	8	8	1	2	3
LRT 8-121	4760	10610	2	25	57240	6' 11-1/2"	18' 2-5/8"	6' 5/8"	3' 11-1/4"	7' 11-7/8"	8' 6-7/8"	11' 5-3/4"	8	8	2	2	3
LRT 8-122	4830	10670	2	30	59530	6' 11-1/2"	18' 2-5/8"	6' 5/8"	3' 11-1/4"	7' 11-7/8"	8' 6-7/8"	11' 5-3/4"	8	8	2	2	3
LRT 8-123	5080	10920	2	40	66940	6' 11-1/2"	18' 2-5/8"	6' 5/8"	3' 11-1/4"	7' 11-7/8"	8' 6-7/8"	11' 5-3/4"	8	8	2	2	3
LRT 8-124	5110	10960	2	30	58650	7' 11-1/2"	18' 2-5/8"	7' 5/8"	4' 11-1/4"	7' 11-7/8"	8' 6-7/8"	11' 5-3/4"	8	8	2	2	3
LRT 8-125	5190	11030	2	50	68790	6' 11-1/2"	18' 2-5/8"	6' 5/8"	3' 11-1/4"	7' 11-7/8"	8' 6-7/8"	11' 5-3/4"	8	8	2	2	3
LRT 8-126	5410	11250	2	40	64560	7' 11-1/2"	18' 2-5/8"	7' 5/8"	4' 11-1/4"	7' 11-7/8"	8' 6-7/8"	11' 5-3/4"	8	8	2	2	3
LRT 8-127	5520	11360	2	50	68790	7' 11-1/2"	18' 2-5/8"	7' 5/8"	4' 11-1/4"	7' 11-7/8"	8' 6-7/8"	11' 5-3/4"	8	8	2	2	3
LRT 8-128	5840	11670	2	50	68700	8' 11-1/2"	18' 2-5/8"	8' 5/8"	5' 11-1/4"	7' 11-7/8"	8' 6-7/8"	11' 5-3/4"	8	8	2	2	3

Notes:

- 1) An adequately sized bleed line must be installed in the cooling tower system to prevent buildup of impurities in the recirculated water.
- 2) Do not use catalog drawings for certified prints. Dimensions subject to change.
- 3) For external static pressure up to 1/2", use next size fan motor.



LRT Thermal Performance

To Make a Selection:

Locate the column with the desired operating temperature conditions. Read down the column until you find the GPM equal to or greater than the flow required. Read horizontally to the left to find the model number of the unit that will perform the duty.

Low Silhouette Cooling Towers

Models LRT 3-61 to 8-128

		COOLING CAPACITY IN GPM																							
MODEL NO.	MOTOR HP	TEMP F°																							
		EWT	90°	95°	90°	95°	90°	95°	90°	95°	90°	95°	90°	95°	100°	95°	100°	95°	97°	100°	102°	95°	97°	100°	102°
		LWT	80°	80°	80°	80°	80°	80°	80°	80°	80°	80°	80°	80°	85°	85°	85°	85°	85°	87°	85°	87°	85°	87°	85°
	WB	66°	66°	68°	68°	70°	70°	72°	72°	75°	75°	76°	76°	78°	78°	78°	78°	78°	80°	80°	80°	80°	80°	80°	80°
LRT 3-61	1		110	83	101	76	88	67	75	58	102	78	95	73	81	102	63	78	64	85	53	67			
LRT 3-62	2		137	105	126	95	110	84	94	74	127	98	119	92	102	127	80	98	81	107	65	84			
LRT 3-63	3		156	119	142	109	125	96	107	85	144	111	135	105	116	144	91	112	93	122	75	96			
LRT 3-64	3		171	132	157	121	138	108	120	96	159	124	150	117	129	159	103	125	104	135	86	108			
LRT 3-65	5		199	154	183	142	162	127	140	112	185	145	174	137	150	185	120	146	122	158	101	126			
LRT 3-66	7.5		223	174	206	160	182	143	158	127	208	164	196	155	170	208	136	165	138	178	114	143			
LRT 5-61	3		239	182	219	167	192	148	165	130	221	171	207	161	177	221	140	172	142	187	115	148			
LRT 5-62	5		279	214	256	196	225	175	194	154	259	201	243	190	208	258	165	202	168	220	137	174			
LRT 5-63	3		289	227	267	210	237	189	207	169	270	214	255	203	221	269	180	215	183	232	153	189			
LRT 5-64	5		306	237	281	217	248	194	215	172	285	222	268	210	230	284	184	224	187	243	154	194			
LRT 5-65	7.5		315	242	290	222	254	198	220	175	293	228	275	215	236	292	188	229	191	249	156	198			
LRT 5-66	7.5		334	260	308	239	273	214	236	190	312	245	294	231	254	311	203	246	206	267	170	214			
LRT 5-67	10		363	285	336	262	298	234	259	208	340	268	320	254	277	339	222	269	226	291	186	234			
LRT 5-68	7.5		368	293	342	271	305	245	268	219	346	277	327	263	286	345	233	278	237	299	198	244			
LRT 5-69	10		390	311	363	289	325	261	285	233	367	294	347	280	304	366	248	296	252	318	211	260			
LRT 5-91	10		412	316	378	290	332	258	286	227	383	297	359	280	308	382	243	298	248	324	201	257			
LRT 5-92	15		466	358	428	329	376	293	324	258	433	336	406	317	349	432	277	338	283	367	230	293			
LRT 5-93	15		495	385	456	354	403	316	349	280	462	362	434	342	375	461	300	364	305	394	251	315			
LRT 5-94	20		524	409	484	377	429	337	372	299	490	385	461	364	399	489	319	387	325	419	268	336			
LRT 5-95	15		546	433	507	401	452	362	397	324	512	410	484	339	423	511	345	412	350	443	293	361			
LRT 5-96	20		587	468	545	434	488	392	429	351	551	443	522	421	457	550	373	445	379	478	317	391			
LRT 5-121	15		555	427	509	392	448	350	388	311	516	401	484	379	416	514	332	403	338	438	279	350			
LRT 5-122	20		603	466	555	428	489	383	423	339	562	438	528	414	454	561	363	441	369	478	304	382			
LRT 5-123	25		643	499	593	459	523	410	453	363	600	469	564	444	486	598	388	471	396	511	326	409			
LRT 5-124	30		677	527	624	485	552	433	479	384	632	496	595	469	513	630	411	498	418	540	344	432			
LRT 5-125	25		701	555	650	514	580	463	508	414	658	524	621	498	542	656	441	527	448	568	375	463			
LRT 5-126	30		735	584	683	541	610	488	534	436	690	552	653	524	570	688	464	554	472	597	394	487			
LRT 5-127	30		759	608	706	565	633	513	559	462	714	576	676	549	595	712	489	579	497	621	419	512			
LRT 8-91	20		691	530	633	486	556	433	480	381	641	497	601	470	516	640	409	500	417	543	339	432			
LRT 8-92	15		697	539	641	494	565	442	488	392	649	506	610	478	525	647	419	508	426	552	351	441			
LRT 8-93	20		736	570	678	524	598	468	517	415	686	536	645	506	555	684	444	539	452	585	372	467			
LRT 8-94	15		756	596	700	551	623	497	545	444	708	563	668	534	582	706	473	566	481	610	402	496			
LRT 8-95	25		806	628	744	578	658	516	571	458	753	591	709	559	612	751	489	594	498	644	410	516			
LRT 8-96	30		830	648	766	596	678	533	589	473	776	609	730	576	631	773	505	612	514	664	423	532			
LRT 8-97	25		865	687	803	636	717	574	629	513	812	649	768	617	671	810	546	652	555	703	464	573			
LRT 8-121	25		912	704	838	646	738	577	638	512	849	661	797	625	685	847	547	664	557	721	459	576			
LRT 8-124	30		990	767	911	704	804	629	696	557	922	720	867	681	746	920	596	724	607	786	500	628			
LRT 8-123	40		1044	811	963	746	850	666	736	591	975	763	916	721	791	972	632	767	643	831	529	665			
LRT 8-124	30		1070	845	991	782	883	705	773	630	1002	798	947	758	825	1000	670	802	682	865	570	704			
LRT 8-125	50		1118	873	1033	804	914	718	794	637	1046	821	985	777	851	1043	681	826	694	895	571	717			
LRT 8-126	40		1153	915	1070	847	955	764	837	683	1082	865	1023	821	893	1079	727	869	739	936	618	763			
LRT 8-127	50		1230	980	1143	908	1022	820	898	734	1156	927	1094	881	957	1153	780	931	794	1002	663	818			
LRT 8-128	50		1265	1014	1177	943	1056	856	933	771	1189	962	1127	916	992	1186	817	966	830	1036	701	855			

Note: For alternate selections and conditions other than those stated, consult your EVAPSPEC II selection program or local EVAPCO representative.