

R-LC Series

Cross Flow Induced Draft Cooling Tower
Engineering Data



Amcot Cooling Tower Inc.
Since 1986



Proud Member

R-LC Series Capacity Data

Models R-LC-01004 to R-LC-40100

Single Cell Cross Flow Design Data

27 to 707 Nominal Tons

MODEL	NOMINAL TONS	TEMPERATURES SHOWN BELOW ARE IN FAHRENHEIT (°F). FLOW RATES ARE IN USGPM.															
		HWT	90	95	90	95	90	95	90	95	90	95	90	95	95	96	98
		CWT	80	85	80	85	80	85	80	85	80	85	80	85	85	86	88
		AWB	65	65	70	70	72	72	74	74	75	75	78	78	80	80	82
R-LC-01004	27		112	153	87	128	76	117	64	105	58	99	36	80	66	76	80
R-LC-01005	30		125	171	97	143	85	131	72	118	65	111	41	90	75	85	90
R-LC-01006	35		156	222	117	181	100	164	82	146	73	136	42	106	85	99	105
R-LC-01007	42		183	259	137	212	117	192	96	171	85	160	49	125	100	117	124
R-LC-02008	50		204	272	161	230	142	212	122	193	111	183	73	150	126	142	149
R-LC-02010	59		243	330	190	277	167	254	142	230	129	217	83	177	147	167	176
R-LC-05012	74		314	436	241	362	208	329	174	296	156	278	95	222	181	208	220
R-LC-05015	82		349	483	267	401	231	365	193	328	173	308	105	246	201	230	245
R-LC-07017	104		440	608	337	505	293	461	245	413	220	389	134	311	254	291	309
R-LC-07020	122		515	710	396	591	343	539	288	484	258	455	159	365	299	342	363
R-LC-07022	137		580	802	445	666	386	607	323	545	290	513	178	410	335	384	407
R-LC-10025	145		632	892	476	733	408	664	336	592	299	554	173	435	350	406	433
R-LC-10030	196		837	1161	639	961	553	874	462	783	414	737	252	587	478	549	582
R-LC-10035	220		920	1253	715	1049	625	960	529	866	478	817	304	661	547	622	658
R-LC-15040	244		1010	1367	790	1149	692	1052	588	952	532	899	342	731	607	688	727
R-LC-15045	260		1111	1546	847	1281	732	1165	609	1044	545	980	327	780	634	730	776
R-LC-15050	360		1458	1954	1155	1655	1020	1524	875	1386	797	1313	527	1080	909	1024	1079
R-LC-20060	398		1597	2129	1272	1809	1127	1669	971	1521	887	1443	595	1193	1008	1132	1193
R-LC-20070	414		1662	2213	1324	1881	1173	1736	1011	1581	923	1500	620	1241	1048	1176	1239
R-LC-30080	534		2153	2874	1711	2439	1514	2249	1302	2047	1188	1941	793	1602	1351	1519	1600
R-LC-30090	559		2256	3013	1791	2555	1585	2355	1362	2143	1243	2032	828	1676	1412	1588	1673
R-LC-40100	707		2863	3838	2269	3250	2004	2994	1719	2722	1566	2580	1035	2122	1785	2010	2119



Thermal performance of the R-LC Series models listed above have been certified in accordance to Cooling Technology Institute (CTI) Standard STD-201. Certification includes single and multiple cell models. Models shown above are single cell. For multiple cell selections, the model number includes a suffix “-CX” where X represents the number of cells. For single cell selections this suffix is omitted.

General Notes:

Nominal tons is calculated as 3 GPM/TON at 95°F HWT, 85°F CWT, and 78°F AWB. 1 Ton = 15,000 BTU/HR.

Capacities shown above are single cell. For multiple cell model capacities, multiply the flow rate shown by the number of cells.

An expanded capacity table in accordance with CTI STD-201 can be viewed at www.amcot.com.

CTI Validation number is subject to revision. For verification you can find CTI certification information at www.cti.org.

R-LC Series Capacity Data

Models R-LC-01004-C2 to R-LC-40100-C2

Two Cell Cross Flow Design Data

54 to 1415 Nominal Tons

MODEL	NOMINAL TONS	TEMPERATURES SHOWN BELOW ARE IN FAHRENHEIT (°F). FLOW RATES ARE IN USGPM.															
		HWT	90	95	90	95	90	95	90	95	90	95	90	95	95	96	98
		CWT	80	85	80	85	80	85	80	85	80	85	80	85	85	86	88
		AWB	65	65	70	70	72	72	74	74	75	75	78	78	80	80	82
R-LC-01004-C2	54		224	306	174	256	152	234	128	211	116	199	73	161	133	151	160
R-LC-01005-C2	60		251	342	195	286	171	262	144	236	131	223	83	181	150	170	180
R-LC-01006-C2	71		313	444	234	362	200	328	164	291	145	272	84	213	170	198	211
R-LC-01007-C2	83		366	519	275	425	235	385	193	342	171	320	98	250	200	233	248
R-LC-02008-C2	100		407	545	322	461	285	424	244	386	222	365	147	300	252	284	299
R-LC-02010-C2	118		487	659	381	554	334	509	284	460	258	435	166	354	295	334	353
R-LC-05012-C2	148		629	872	481	723	417	659	348	591	312	555	190	443	361	415	441
R-LC-05015-C2	164		697	966	534	802	462	730	386	655	346	616	211	491	401	461	489
R-LC-07017-C2	207		880	1217	675	1011	585	921	489	826	439	778	268	622	508	583	618
R-LC-07020-C2	243		1029	1421	791	1182	687	1077	576	968	517	911	318	729	597	684	725
R-LC-07022-C2	273		1160	1604	891	1332	773	1214	647	1090	580	1025	357	819	670	768	814
R-LC-10025-C2	290		1264	1783	952	1465	816	1328	672	1183	597	1108	347	870	700	812	866
R-LC-10030-C2	391		1673	2322	1278	1921	1106	1748	924	1567	827	1473	505	1173	956	1099	1165
R-LC-10035-C2	441		1840	2506	1431	2098	1251	1920	1058	1733	956	1634	607	1323	1095	1244	1315
R-LC-15040-C2	487		2021	2734	1580	2297	1385	2104	1176	1904	1065	1797	685	1462	1215	1376	1453
R-LC-15045-C2	520		2221	3093	1695	2562	1464	2331	1218	2089	1089	1961	653	1559	1267	1460	1551
R-LC-15050-C2	720		2915	3908	2310	3310	2041	3048	1750	2771	1594	2626	1055	2161	1817	2048	2158
R-LC-20060-C2	796		3194	4258	2544	3618	2254	3338	1942	3042	1774	2886	1189	2387	2017	2265	2386
R-LC-20070-C2	827		3324	4425	2648	3762	2347	3471	2022	3162	1847	3001	1240	2481	2097	2353	2477
R-LC-30080-C2	1068		4306	5748	3421	4879	3028	4499	2603	4095	2376	3883	1585	3205	2702	3038	3199
R-LC-30090-C2	1117		4512	6025	3582	5111	3170	4710	2723	4286	2485	4065	1655	3352	2825	3176	3346
R-LC-40100-C2	1415		5726	7676	4537	6500	4008	5989	3437	5444	3132	5159	2071	4244	3569	4021	4239



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General Notes:

Nominal tons is calculated as 3 GPM/TON at 95°F HWT, 85°F CWT, and 78°F AWB. 1 Ton = 15,000 BTU/HR.

Capacities shown above are for two cell configurations. For additional capacities please contact your representative or factory.

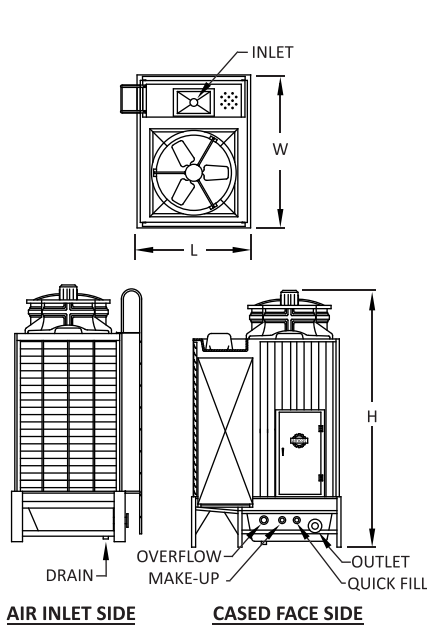
An expanded capacity table in accordance with CTI STD-201 can be viewed at www.amcot.com.

CTI Validation number is subject to revision. For verification you can find CTI certification information at www.cti.org.

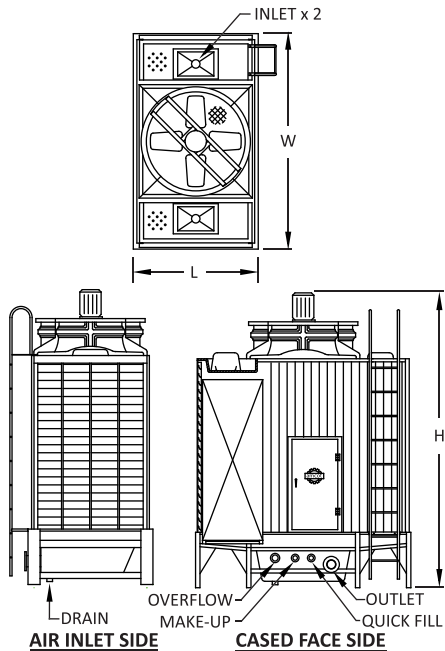
R-LC Series Physical Data

Models R-LC-01004 to R-LC-40100

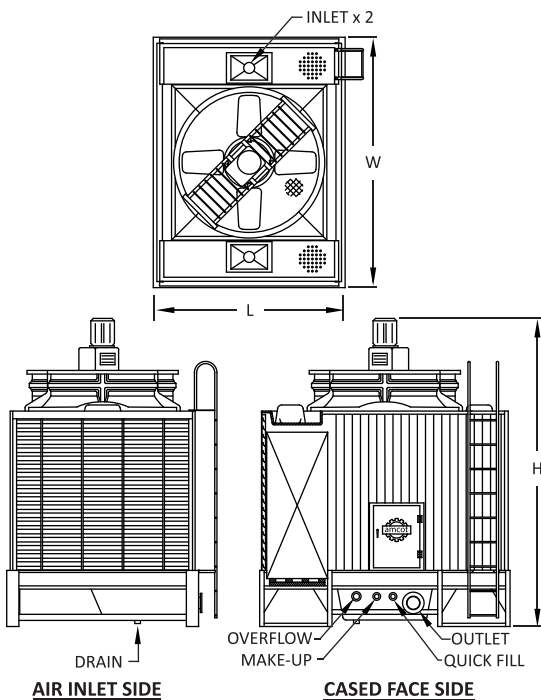
Single Cell Cross Flow Physical Data
27 to 707 Nominal Tons



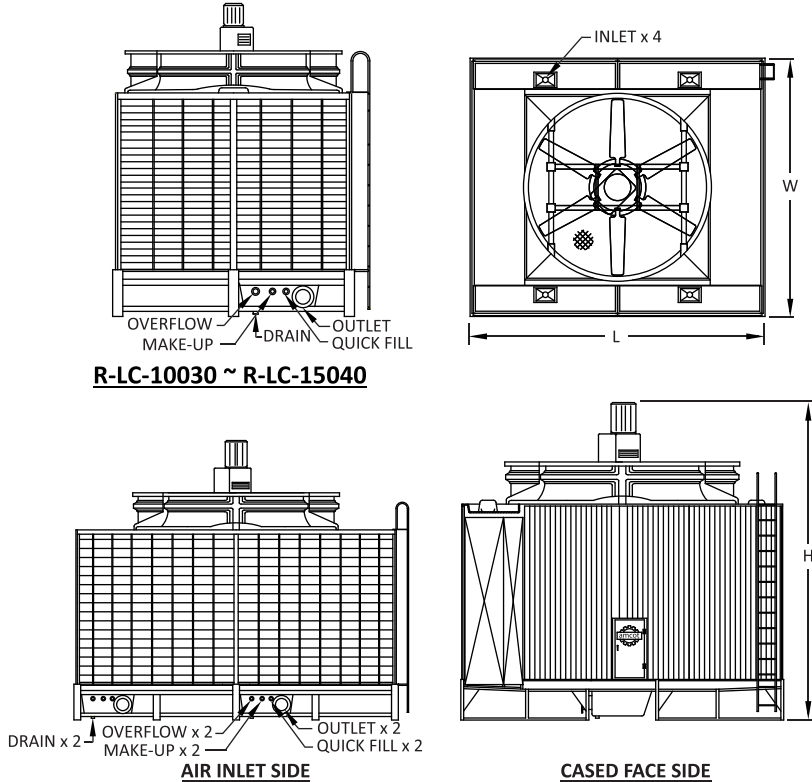
R-LC-01004 ~ R-LC-01007



R-LC-02008 ~ R-LC-02010



R-LC-05012 ~ R-LC-10025



R-LC-10030 ~ R-LC-15040

R-LC-15045 ~ R-LC-40100

R-LC-10030 ~ R-LC-40100

R-LC Series Physical Data

Models R-LC-01004 to R-LC-40100

Single Cell Cross Flow Physical Data
27 to 707 Nominal Tons

MODEL	NOMINAL TONS	NOMINAL DIMENSIONS (INCHES)			PIPING CONNECTIONS (INCHES)					FAN MOTOR (HP)	FAN DIAMETER (INCHES)	AIR VOLUME (CFM)	NOMINAL WATER FLOW (GPM)
		LENGTH (L)	WIDTH (W)	HEIGHT (H)	INLET	OUTLET	MAKE-UP	OVERFLOW	DRAIN				
R-LC-01004	27	61 1/4"	80 1/2"	138 3/8"	(1) 3"	(1) 3"	(1) 1/2"	(1) 2"	(1) 2"	1	38"	9182	80
R-LC-01005	30	69 1/4"	80 1/2"	138 3/8"	(1) 3"	(1) 3"	(1) 1/2"	(1) 2"	(1) 2"	1	38"	10312	90
R-LC-01006	35	77"	84 7/16"	142 11/16"	(1) 4"	(1) 4"	(1) 3/4"	(1) 2"	(1) 2"	1 1/2	46"	14373	106
R-LC-01007	42	84 7/8"	84 7/16"	142 11/16"	(1) 4"	(1) 4"	(1) 3/4"	(1) 2"	(1) 2"	1 1/2	46"	15644	125
R-LC-02008	50	61 1/4"	105 1/2"	144 1/2"	(2) 3"	(1) 4"	(1) 3/4"	(1) 2"	(1) 2"	2	46"	16744	150
R-LC-02010	59	69 1/4"	105 1/2"	144 1/2"	(2) 3"	(1) 5"	(1) 1"	(1) 2"	(1) 2"	2	51"	18152	177
R-LC-05012	74	77"	113 3/8"	144 1/8"	(2) 4"	(1) 5"	(1) 1"	(1) 2"	(1) 2"	5	59"	24650	222
R-LC-05015	82	84 7/8"	113 3/8"	146 1/16"	(2) 4"	(1) 6"	(1) 1"	(1) 2"	(1) 2"	5	59"	27475	246
R-LC-07017	104	93"	121 1/4"	146 1/16"	(2) 5"	(1) 6"	(1) 1"	(1) 2"	(1) 2"	7 1/2	66"	34820	311
R-LC-07020	122	100 7/8"	125 1/4"	146 7/8"	(2) 5"	(1) 8"	(1) 1 1/2"	(1) 2"	(1) 2"	7 1/2	70"	40894	365
R-LC-07022	137	104 3/4"	133"	146 7/8"	(2) 5"	(1) 8"	(1) 1 1/2"	(1) 2"	(1) 2"	7 1/2	78"	48875	410
R-LC-10025	145	116 5/8"	133 3/16"	146 7/8"	(2) 5"	(1) 8"	(1) 1 1/2"	(1) 2"	(1) 2"	10	78"	50182	435
R-LC-10030	196	140 1/2"	172 1/2"	181 7/8"	(4) 5"	(1) 8"	(1) 1 1/2"	(1) 2"	(1) 2"	10	117"	75185	587
R-LC-10035	220	148 1/2"	172 1/2"	181 7/8"	(4) 5"	(1) 8"	(1) 1 1/2"	(1) 2"	(1) 2"	10	117"	77728	661
R-LC-15040	244	164 1/4"	188 1/4"	192 15/16"	(4) 5"	(1) 8"	(1) 1 1/2"	(1) 2"	(1) 2"	15	133"	88604	731
R-LC-15045	260	164 1/4"	211 3/4"	192 15/16"	(4) 5"	(2) 8"	(2) 1 1/2"	(2) 2"	(2) 2"	15	133"	84049	780
R-LC-15050	360	172 1/8"	211 3/4"	208 11/16"	(4) 5"	(2) 8"	(2) 1 1/2"	(2) 2"	(2) 2"	15	133"	99199	1080
R-LC-20060	398	203 1/2"	219 5/8"	213 11/16"	(4) 6"	(2) 8"	(2) 1 1/2"	(2) 2"	(2) 2"	20	141"	106156	1193
R-LC-20070	414	227 1/4"	219 5/8"	213 11/16"	(4) 6"	(2) 8"	(2) 1 1/2"	(2) 2"	(2) 2"	20	141"	115126	1241
R-LC-30080	534	227 1/4"	247 1/4"	243 1/8"	(4) 6"	(2) 10"	(2) 2"	(2) 2"	(2) 2"	30	168"	147368	1602
R-LC-30090	559	251"	247 1/4"	243 1/8"	(4) 8"	(2) 10"	(2) 2"	(2) 2"	(2) 2"	30	168"	158351	1676
R-LC-40100	707	282 1/4"	247 1/4"	243 1/8"	(4) 8"	(2) 10"	(2) 2"	(2) 2"	(2) 2"	40	168"	195184	2122

NOTES:

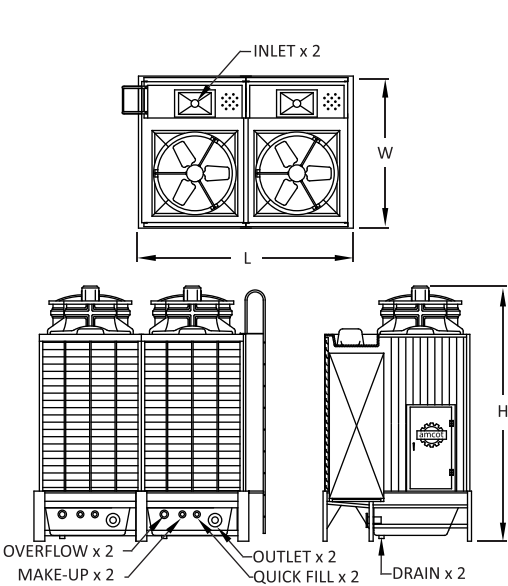
- 1) NOMINAL TONS IS BASED ON 1 TON = 3 GPM AT 95°F HWT - 85°F CWT - 78°F AMBIENT WET-BULB. 1 TON = 15,000 BTU/HR.
- 2) 5" INLET/OUTLET CONNECTIONS USE 6" FLANGE PATTERN.
- 3) AIR VOLUME IS NOMINAL AND MAY CHANGE DEPENDING ON SPECIFIC DESIGN CONDITIONS.
- 4) REFER TO TECHNICAL DATA SHEETS AND GENERAL ARRANGEMENT DRAWINGS FOR ADDITIONAL DATA.
- 5) DATA HEREIN IS SUBJECT TO CHANGE WITHOUT NOTIFICATION.

R-LC Series Physical Data

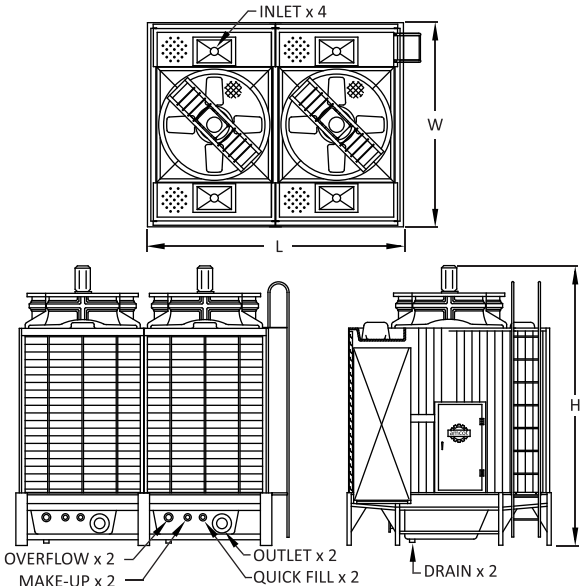
Models R-LC-01004-C2 to R-LC-40100-C2

Two Cell Cross Flow Design Data

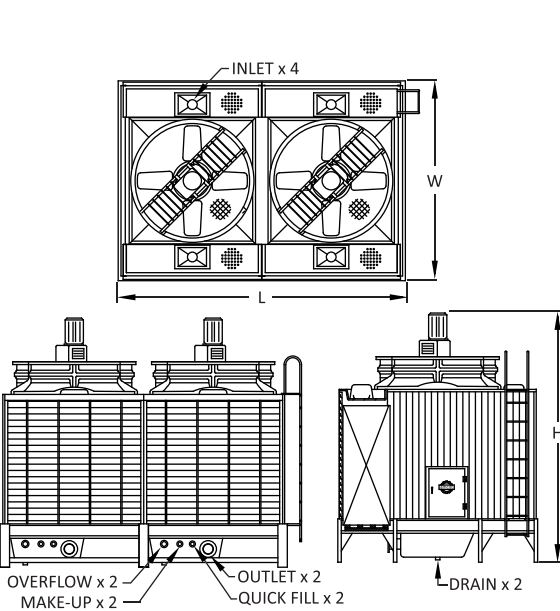
54 to 1415 Nominal Tons



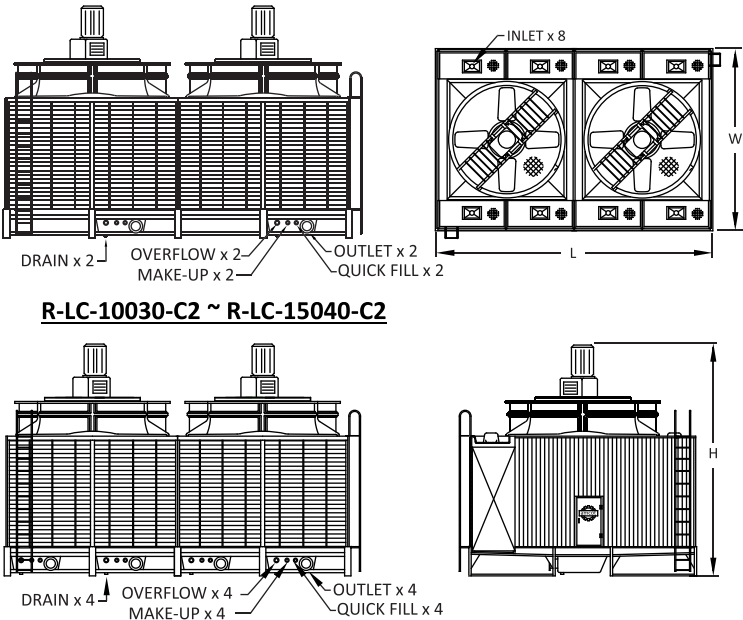
R-LC-01004-C2 ~ R-LC-01007-C2



R-LC-02008-C2 ~ R-LC-02010-C2



R-LC-05012-C2 ~ R-LC-10025-C2



R-LC-10030-C2 ~ R-LC-15040-C2

R-LC-15045-C2 ~ R-LC-40100-C2

R-LC-10030-C2 ~ R-LC-40100-C2

R-LC Series Physical Data

Models R-LC-01004-C2 to R-LC-40100-C2

Two Cell Cross Flow Physical Data

54 to 1415 Nominal Tons

MODEL	NOMINAL TONS	NOMINAL DIMENSIONS (INCHES)			PIPING CONNECTIONS (INCHES)					FAN MOTOR (HP)	FAN DIAMETER (INCHES)	AIR VOLUME (CFM)	NOMINAL WATER FLOW (GPM)
		LENGTH (L)	WIDTH (W)	HEIGHT (H)	INLET	OUTLET	MAKE-UP	OVERFLOW	DRAIN				
R-LC-01004-C2	54	116 1/2"	80 1/2"	138 3/8"	(2) 3"	(2) 3"	(2) 1/2"	(2) 2"	(2) 2"	2 x 1	38"	18364	161
R-LC-01005-C2	60	132 1/2"	80 1/2"	138 3/8"	(2) 3"	(2) 3"	(2) 1/2"	(2) 2"	(2) 2"	2 x 1	38"	20624	181
R-LC-01006-C2	71	148"	84 7/16"	142 11/16"	(2) 4"	(2) 4"	(2) 3/4"	(2) 2"	(2) 2"	2 x 1 1/2	46"	28746	213
R-LC-01007-C2	83	163 3/4"	84 7/16"	142 11/16"	(2) 4"	(2) 4"	(2) 3/4"	(2) 2"	(2) 2"	2 x 1 1/2	46"	31288	250
R-LC-02008-C2	100	116 1/2"	105 1/2"	144 1/2"	(4) 3"	(2) 4"	(2) 3/4"	(2) 2"	(2) 2"	2 x 2	46"	33488	300
R-LC-02010-C2	118	132 1/2"	105 1/2"	144 1/2"	(4) 3"	(2) 5"	(2) 1"	(2) 2"	(2) 2"	2 x 2	51"	36304	354
R-LC-05012-C2	148	148"	113 3/8"	144 1/8"	(4) 4"	(2) 5"	(2) 1"	(2) 2"	(2) 2"	2 x 5	59"	49300	443
R-LC-05015-C2	164	163 3/4"	113 3/8"	146 1/16"	(4) 4"	(2) 6"	(2) 1"	(2) 2"	(2) 2"	2 x 5	59"	54950	491
R-LC-07017-C2	207	180"	121 1/4"	146 1/16"	(4) 5"	(2) 6"	(2) 1"	(2) 2"	(2) 2"	2 x 7 1/2	66"	69640	622
R-LC-07020-C2	243	195 3/4"	125 1/4"	146 7/8"	(4) 5"	(2) 8"	(2) 1 1/2"	(2) 2"	(2) 2"	2 x 7 1/2	70"	81788	729
R-LC-07022-C2	273	203 1/2"	133"	146 7/8"	(4) 5"	(2) 8"	(2) 1 1/2"	(2) 2"	(2) 2"	2 x 7 1/2	78"	97750	819
R-LC-10025-C2	290	227 1/4"	133 3/16"	146 7/8"	(4) 5"	(2) 8"	(2) 1 1/2"	(2) 2"	(2) 2"	2 x 10	78"	100364	870
R-LC-10030-C2	391	275"	172 1/2"	181 7/8"	(8) 5"	(2) 8"	(2) 1 1/2"	(2) 2"	(2) 2"	2 x 10	117"	150370	1173
R-LC-10035-C2	441	291"	172 1/2"	181 7/8"	(8) 5"	(2) 8"	(2) 1 1/2"	(2) 2"	(2) 2"	2 x 10	117"	155456	1323
R-LC-15040-C2	487	322 1/2"	188 1/4"	192 15/16"	(8) 5"	(2) 8"	(2) 1 1/2"	(2) 2"	(2) 2"	2 x 15	133"	177208	1462
R-LC-15045-C2	520	322 1/2"	211 3/4"	192 15/16"	(8) 5"	(4) 8"	(4) 1 1/2"	(4) 2"	(4) 2"	2 x 15	133"	168098	1559
R-LC-15050-C2	720	338 1/4"	211 3/4"	208 11/16"	(8) 5"	(4) 8"	(4) 1 1/2"	(4) 2"	(4) 2"	2 x 15	133"	198398	2161
R-LC-20060-C2	796	401"	219 5/8"	213 11/16"	(8) 6"	(4) 8"	(4) 1 1/2"	(4) 2"	(4) 2"	2 x 20	141"	212312	2387
R-LC-20070-C2	827	448 1/2"	219 5/8"	213 11/16"	(8) 6"	(4) 8"	(4) 1 1/2"	(4) 2"	(4) 2"	2 x 20	141"	230252	2481
R-LC-30080-C2	1068	448 1/2"	247 1/4"	243 1/8"	(8) 6"	(4) 10"	(4) 2"	(4) 2"	(4) 2"	2 x 30	168"	294736	3205
R-LC-30090-C2	1117	496"	247 1/4"	243 1/8"	(8) 8"	(4) 10"	(4) 2"	(4) 2"	(4) 2"	2 x 30	168"	316702	3352
R-LC-40100-C2	1415	558 1/2"	247 1/4"	243 1/8"	(8) 8"	(4) 10"	(4) 2"	(4) 2"	(4) 2"	2 x 40	168"	390368	4244

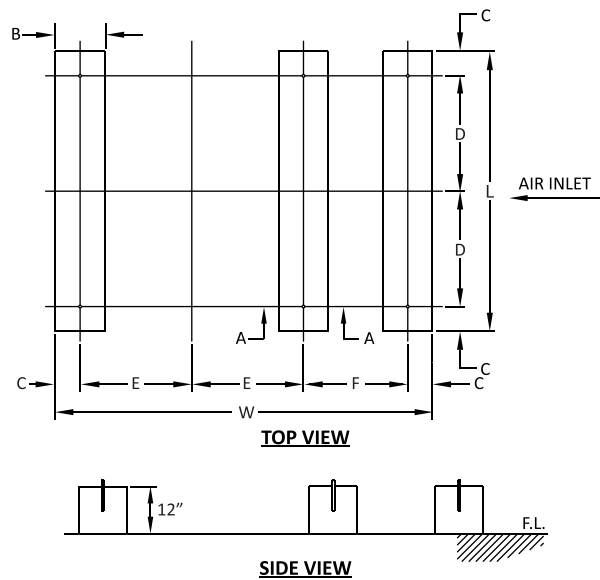
NOTES:

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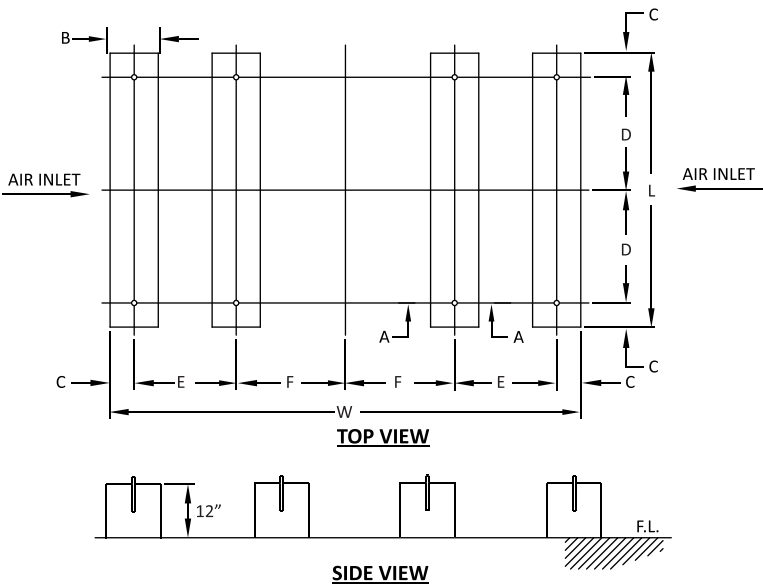
R-LC Series Foundation Data

Models R-LC-01004 to R-LC-40100

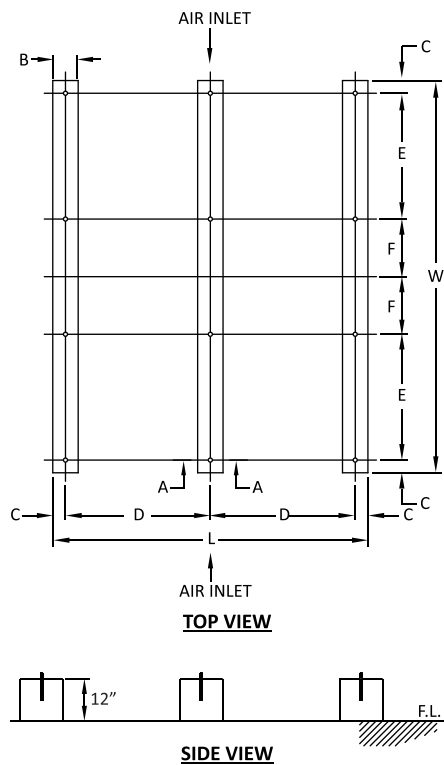
Single Cell Cross Flow Foundation Data
27 to 707 Nominal Tons



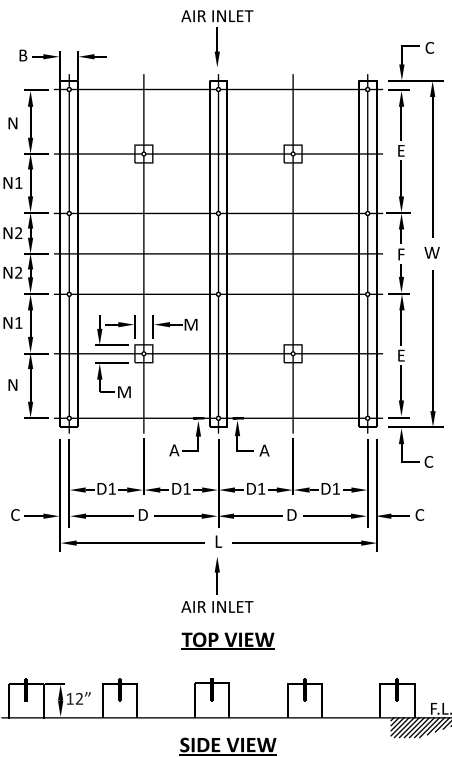
R-LC-01004 ~ R-LC-01007



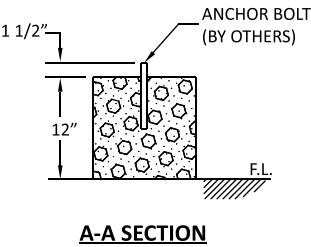
R-LC-02008 ~ R-LC-10025



R-LC-10030 ~ R-LC-15050



R-LC-20060 ~ R-LC-40100



A-A SECTION

R-LC Series Foundation Data

Models R-LC-01004 to R-LC-40100

Single Cell Cross Flow Foundation Data
27 to 707 Nominal Tons

MODEL	SHIPPING WEIGHT (LBS)	OPERATING WEIGHT (LBS)	DIMENSIONS													ANCHOR BOLTS	
			L	W	B	C	D	E	F	D1	N	N1	N2	M	QTY	SIZE	
R-LC-01004	948	2535	67 1/4"	90 1/2"	12"	6"	27 5/8"	26 3/4"	25"	-	-	-	-	-	6	5/8" X 8"	
R-LC-01005	1058	2910	75 1/4"	90 1/2"	12"	6"	31 5/8"	26 3/4"	25"	-	-	-	-	-	6	5/8" X 8"	
R-LC-01006	1190	3351	83"	94 7/16"	12"	6"	35 1/2"	26 3/4"	28 15/16"	-	-	-	-	-	6	5/8" X 8"	
R-LC-01007	1367	3924	90 7/8"	94 7/16"	12"	6"	39 7/16"	26 3/4"	28 15/16"	-	-	-	-	-	6	5/8" X 8"	
R-LC-02008	1565	4277	67 1/4"	115 1/2"	12"	6"	27 5/8"	25"	26 3/4"	-	-	-	-	-	8	5/8" X 8"	
R-LC-02010	1653	4519	75 1/4"	115 1/2"	12"	6"	31 5/8"	25"	26 3/4"	-	-	-	-	-	8	5/8" X 8"	
R-LC-05012	1764	4894	83"	123 3/8"	12"	6"	35 1/2"	28 15/16"	26 3/4"	-	-	-	-	-	8	5/8" X 8"	
R-LC-05015	1874	5115	90 7/8"	123 3/8"	12"	6"	39 7/16"	28 15/16"	26 3/4"	-	-	-	-	-	8	5/8" X 8"	
R-LC-07017	2138	5886	99"	131 1/4"	12"	6"	43 1/2"	32 7/8"	26 3/4"	-	-	-	-	-	8	5/8" X 8"	
R-LC-07020	2271	6239	106 7/8"	135 1/4"	12"	6"	47 7/16"	34 7/8"	26 3/4"	-	-	-	-	-	8	5/8" X 8"	
R-LC-07022	2469	6989	113 3/4"	143"	12"	6"	49 3/8"	38 3/4"	26 3/4"	-	-	-	-	-	8	5/8" X 8"	
R-LC-10025	2646	7430	122 5/8"	143"	12"	6"	55 5/16"	38 3/4"	26 3/4"	-	-	-	-	-	8	5/8" X 8"	
R-LC-10030	3660	8774	146 1/2"	182 1/2"	12"	6"	67 1/4"	58 1/2"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-10035	4079	10229	154 1/2"	182 1/2"	12"	6"	71 1/4"	58 1/2"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-15040	4387	12147	170 1/4"	198 1/4"	12"	6"	79 1/8"	66 3/8"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-15045	5049	14154	170 1/4"	221 3/4"	12"	6"	79 1/8"	78 1/8"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-15050	5556	15278	178 1/8"	221 3/4"	12"	6"	83 1/16"	78 1/8"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-20060	9259	23148	209 1/2"	229 5/8"	12"	6"	98 3/4"	82 1/16"	53 1/2"	98 3/4"	42 11/16"	39 3/8"	26 3/4"	12"	16	5/8" X 8"	
R-LC-20070	9700	25132	233 1/4"	229 5/8"	12"	6"	110 5/8"	82 1/16"	53 1/2"	55 5/16"	42 11/16"	39 3/8"	26 3/4"	12"	16	5/8" X 8"	
R-LC-30080	10803	28219	233 1/4"	257 1/4"	12"	6"	110 5/8"	95 7/8"	53 1/2"	55 5/16"	49 5/8"	46 1/4"	26 3/4"	12"	16	5/8" X 8"	
R-LC-30090	10803	28219	257"	257 1/4"	12"	6"	122 1/2"	95 7/8"	53 1/2"	61 1/4"	49 5/8"	46 1/4"	26 3/4"	12"	16	5/8" X 8"	
R-LC-40100	12787	33951	288 1/4"	257 1/4"	12"	6"	138 1/8"	95 7/8"	53 1/2"	69 1/16"	49 5/8"	46 1/4"	26 3/4"	12"	16	5/8" X 8"	

NOTES:

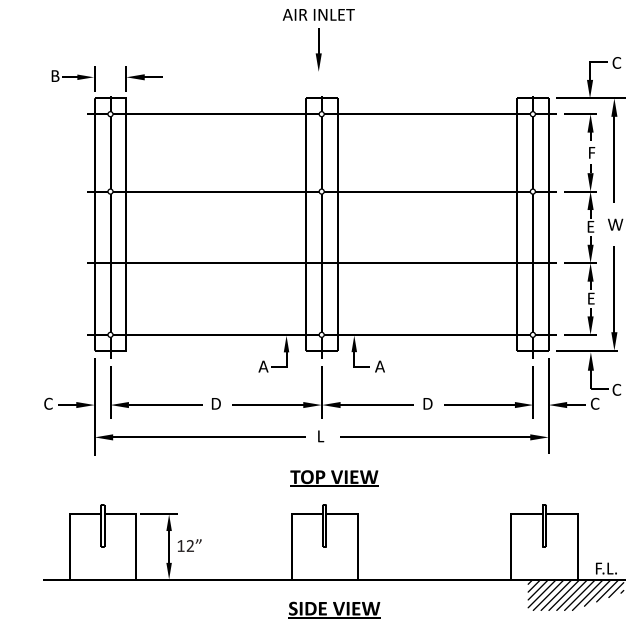
- 1) DIMENSIONS INDICATED ABOVE ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION.
- 2) ANCHOR SIZES ARE RECOMMENDED MINIMUM SIZE FOR CONCRETE EMBEDMENT.
- 3) FOUNDATION DETAILS HEREIN ARE FOR CONCRETE CURBS/PIERS.
- 4) FOR STEEL I-BEAM PLEASE MAINTAIN BOLT DIAMETER AND H DISTANCE.
- 5) IT IS THE INSTALLER'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE LOCAL/STATE/COUNTRY CODES.

R-LC Series Foundation Data

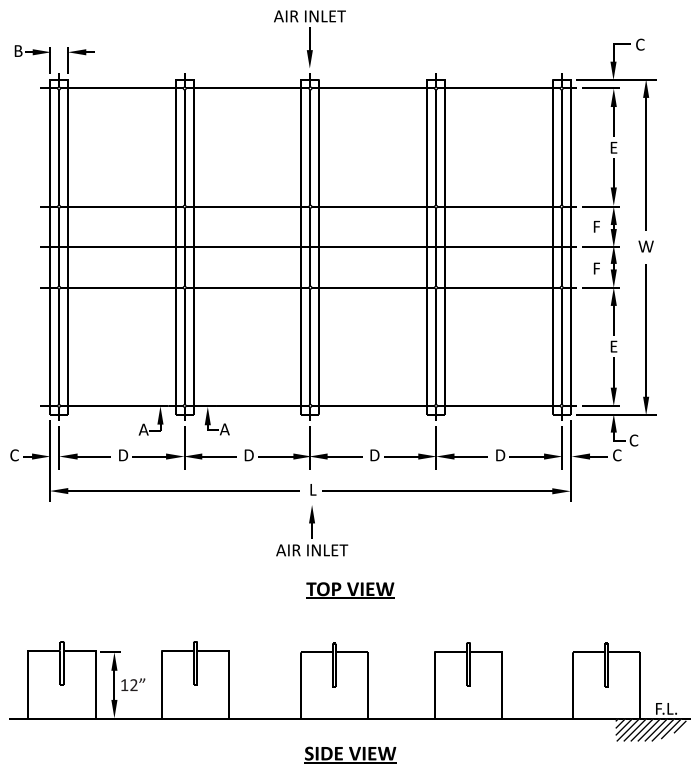
Models R-LC-01004-C2 to R-LC-40100-C2

Two Cell Cross Flow Foundation Data

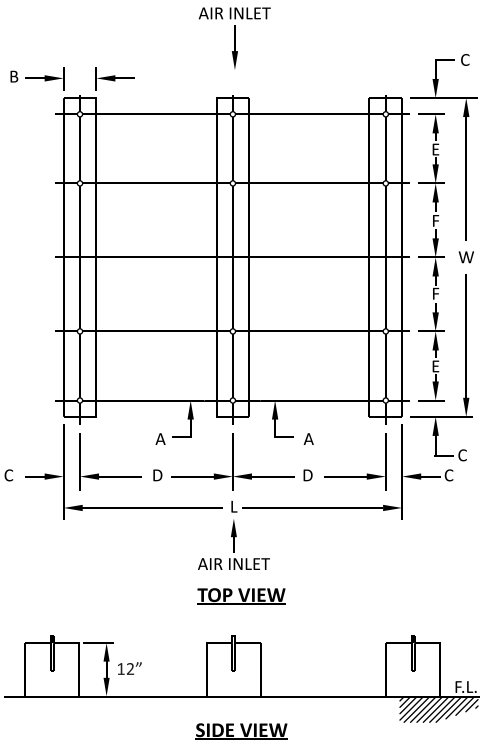
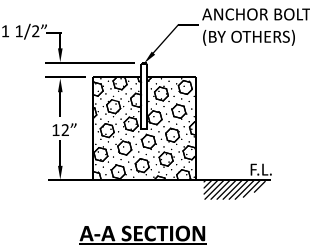
54 to 1415 Nominal Tons



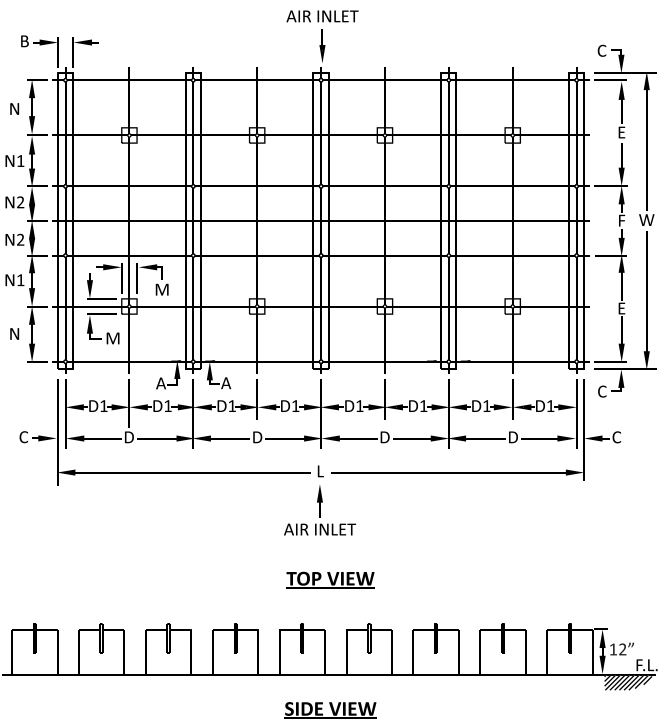
R-LC-01004-C2 ~ R-LC-01007-C2



R-LC-10030-C2 ~ R-LC-15050-C2



R-LC-02008-C2 ~ R-LC-10025-C2



R-LC-20060-C2 ~ R-LC-40100-C2

R-LC Series Foundation Data

Models R-LC-01004-C2 to R-LC-40100-C2

Two Cell Cross Flow Foundation Data

54 to 1415 Nominal Tons

MODEL	SHIPPING WEIGHT (LBS)	OPERATING WEIGHT (LBS)	DIMENSIONS													ANCHOR BOLTS	
			L	W	B	C	D	E	F	D1	N	N1	N2	M	QTY	SIZE	
R-LC-01004-C2	1896	5070	122 1/2"	90 1/2"	12"	6"	55 1/4"	26 3/4"	25"	-	-	-	-	-	9	5/8" X 8"	
R-LC-01005-C2	2116	5820	138 1/2"	90 1/2"	12"	6"	63 1/4"	26 3/4"	25"	-	-	-	-	-	9	5/8" X 8"	
R-LC-01006-C2	2380	6702	154"	94 7/16"	12"	6"	71"	26 3/4"	28 15/16"	-	-	-	-	-	9	5/8" X 8"	
R-LC-01007-C2	2734	7848	169 3/4"	94 7/16"	12"	6"	78 7/8"	26 3/4"	28 15/16"	-	-	-	-	-	9	5/8" X 8"	
R-LC-02008-C2	3130	8554	122 1/2"	115 1/2"	12"	6"	55 1/4"	25"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-02010-C2	3306	9038	138 1/2"	115 1/2"	12"	6"	63 1/4"	25"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-05012-C2	3528	9788	154"	123 3/8"	12"	6"	71"	28 15/16"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-05015-C2	3748	10230	169 3/4"	123 3/8"	12"	6"	78 7/8"	28 15/16"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-07017-C2	4276	11772	186"	131 1/4"	12"	6"	87"	32 7/8"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-07020-C2	4542	12478	201 3/4"	135 1/4"	12"	6"	94 7/8"	34 7/8"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-07022-C2	4938	13978	209 1/2"	143"	12"	6"	98 3/4"	38 3/4"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-10025-C2	5292	14860	233 1/4"	143"	12"	6"	110 5/8"	38 3/4"	26 3/4"	-	-	-	-	-	12	5/8" X 8"	
R-LC-10030-C2	7320	17548	281"	182 1/2"	12"	6"	67 1/4"	58 1/2"	26 3/4"	-	-	-	-	-	20	5/8" X 8"	
R-LC-10035-C2	8158	20458	297"	182 1/2"	12"	6"	71 1/4"	58 1/2"	26 3/4"	-	-	-	-	-	20	5/8" X 8"	
R-LC-15040-C2	8774	24294	328 1/2"	198 1/4"	12"	6"	79 1/8"	66 3/8"	26 3/4"	-	-	-	-	-	20	5/8" X 8"	
R-LC-15045-C2	10098	28308	328 1/2"	221 3/4"	12"	6"	79 1/8"	78 1/8"	26 3/4"	-	-	-	-	-	20	5/8" X 8"	
R-LC-15050-C2	11112	30556	344 1/4"	221 3/4"	12"	6"	83 1/16"	78 1/8"	26 3/4"	-	-	-	-	-	20	5/8" X 8"	
R-LC-20060-C2	18518	46296	407"	229 5/8"	12"	6"	98 3/4"	82 1/16"	53 1/2"	49 3/8"	42 11/16"	39 3/8"	26 3/4"	12"	28	5/8" X 8"	
R-LC-20070-C2	19400	50264	454 1/2"	229 5/8"	12"	6"	110 5/8"	82 1/16"	53 1/2"	55 5/16"	42 11/16"	39 3/8"	26 3/4"	12"	28	5/8" X 8"	
R-LC-30080-C2	21606	56438	454 1/2"	257 1/4"	12"	6"	110 5/8"	95 7/8"	53 1/2"	55 5/16"	49 5/8"	46 1/4"	26 3/4"	12"	28	5/8" X 8"	
R-LC-30090-C2	21606	56438	502"	257 1/4"	12"	6"	122 1/2"	95 7/8"	53 1/2"	61 1/4"	49 5/8"	46 1/4"	26 3/4"	12"	28	5/8" X 8"	
R-LC-40100-C2	25574	67902	564 1/2"	257 1/4"	12"	6"	138 1/8"	95 7/8"	53 1/2"	69 1/16"	49 5/8"	46 1/4"	26 3/4"	12"	28	5/8" X 8"	

- NOTES:
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Amcot Accessories & Components

Amcot also offers the following accessories for cooling tower systems:

Heat Exchangers

Many water systems utilize shell & tube or plate & frame style heat exchangers to help protect sensitive equipment downstream from outside pollutants or when alternate process fluids are used which cannot be exposed to the outside environment. By combining an open loop tower with a heat exchanger, clients can avoid the increasing costs associated with closed loop towers and evaporative condenser while still achieving their goals. Our heat exchangers can be designed for a wide range of applications and fluids. All of our heat exchangers are manufactured in the USA and can be provided with a wide range of certifications depending on project requirements or customer needs.



Water Pumps

Amcot provides a wide range of water pumps designed and manufactured in the USA for a wide range of cooling tower applications. We offer pumps from ¼ horsepower up to over 100 horsepower in size. Pumps can be furnished in a wide range of styles from close coupled, split case, vertical inline just as a few examples. In addition, Amcot can offer pump skids and control panels, both of which can be customized to meet your needs. Our pump panels are available in NEMA1, 3R, and 4, and are UL/CSA rated. Panels can even incorporate VFD drives for variable flow applications when needed.



Control Panels

Our cooling tower and pump control panels are specifically designed for cooling tower systems. Cooling tower control panels can be outfitted with a wide array of options and configurations to help support accessories such as vibration switches, electronic water level controls, and basin heaters. Panels can be supplied with either standard temperature on/off fan controls or we can install a VFD drive for added flexibility. All of our panels are manufactured and assembled in the USA and are UL/CSA recognized.



What Fiberglass Cooling Towers Are All About!

For more information please contact our local representative or Amcot directly.

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