



Product development has been an essential part of Aqua-Cool Towers' business approach. As a small Australian company in competition with some of the larger multi-nationals in our field, continued innovation is the cornerstone of our success. Aqua-Cool Towers listens to its customers and provides what they ask for. The new LRTF range of cooling towers is no exception.

What we heard from our customers was that they required a forced draft-cooling tower in FRP construction. A cooling tower that had been thermally and acoustically tested and performed as specified.

The Evapco LRT range has been thoroughly tested by Evapco in their state of the art laboratories. The LRTF range utilises the same fill, fans and fan housings as the Evapco LRT range to ensure the performance and sound levels are as originally tested.

Some cooling tower manufacturers think that you can use any locally available components to save on costs.

Contact your local representative for details:

Distributed By:

This does not work. Unless the components have been tested together you do not know what the performance or sound levels are going to be. Better to find out in a laboratory that you are wrong rather than get a product on site and then find out it does not work. The LRTF range incorporates the new Aqua-Clean basin design to help minimise maintenance costs and enable effective use of side stream filtration, which we can provide on request.

Like all Aqua-Cool Towers' products, the smooth gelcoated surface is on the inside of all fibreglass components and the basin is graded to the drain, in compliance with AS3666.

The LRTF range is available from 150kW to 1450kW nominal capacity in a single cell configuration and also available as evaporative condensers and fluid coolers.

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Engineering Data - LRTF Cooling Towers

Inlet Temperature 35 °C Outlet Temperature 29.5 °C								Overall Dimensions			Motor	Air Flow	Operating
Wet Bulb °C	21	22	23	24	25	25.5	26	L	W	H	kW	m ³ /hr	Weight
Model No.	Flow Rate l/s ----->							mm	mm	mm			kg
3-61	8.8	8.1	7.3	6.5	5.6	5.2	4.7	3218	1110	2186	0.75	11900	904
3-62	10.9	10.0	9.0	8.1	7.0	6.5	6.0	3218	1110	2186	1.5	15000	908
3-63	12.3	11.4	10.3	9.1	8.0	7.5	6.8	3218	1110	2186	2.2	17200	912
3-64	13.4	12.4	11.3	10.1	8.9	8.3	7.6	3218	1110	2186	2.2	16800	940
3-65	15.4	14.3	13.0	11.7	10.4	9.7	8.8	3218	1110	2186	4	20000	944
3-66	17.1	16.0	14.5	13.2	11.7	10.9	10.0	3218	1110	2186	5.5	22900	956
5-61	18.9	17.4	15.7	14.0	12.3	11.4	10.4	3849	1628	2199	2.2	25200	1468
5-62	21.9	20.4	18.5	16.5	14.4	13.4	12.3	3849	1628	2199	4	29900	1478
5-63	22.2	20.7	18.9	17.0	15.2	14.3	13.1	3849	1628	2493	2.2	24700	1520
5-64	23.7	22.1	20.1	18.1	15.9	14.9	13.6	3849	1628	2199	4	29400	1500
5-65	24.6	22.8	20.7	18.6	16.3	15.2	13.9	3849	1628	2199	5.5	34300	1488
5-66	25.7	24.0	21.9	19.8	17.5	16.4	15.0	3849	1628	2199	5.5	33900	1500
5-67	27.5	26.0	23.7	21.5	19.1	17.8	16.4	3849	1628	2199	7.5	36000	1528
5-68	29.7	26.3	24.1	21.9	19.6	18.4	17.0	3849	1628	2493	5.5	33500	1540
5-69	31.3	27.8	25.5	23.1	20.8	19.5	18.0	3849	1628	2493	7.5	36100	1552
5-91	32.4	30.1	27.2	24.3	21.3	19.9	18.2	4764	1628	2231	7.5	44900	1771
5-92	36.4	33.7	30.6	27.5	24.2	22.5	20.6	4764	1628	2231	11	51400	1802
5-93	38.2	35.6	32.5	29.3	25.9	24.2	22.2	4764	1628	2231	11	50900	1816
5-94	40.3	37.6	34.4	31.1	27.5	25.7	23.6	4764	1628	2231	15	54500	1821
5-95	41.7	38.9	35.6	32.5	29.0	27.2	25.2	4764	1628	2545	11	50200	1859
5-96	44.5	41.8	38.3	35.0	31.3	29.4	27.3	4764	1628	2545	15	54500	1889
5-121	43.4	40.3	36.4	32.7	28.8	26.9	24.6	5649	1628	2231	11	54600	2264
5-122	46.9	43.6	39.6	35.7	31.5	29.3	26.8	5649	1628	2231	15	60200	2271
5-123	49.8	46.4	42.1	38.1	33.6	31.3	28.7	5649	1628	2231	18.5	64800	2277
5-124	52.2	48.7	44.3	40.1	35.5	33.1	30.4	5649	1628	2231	22	68900	2281
5-125	54.1	50.1	45.9	41.7	37.2	34.8	32.2	5649	1628	2545	18.5	64300	2349
5-126	56.2	52.5	48.0	43.8	39.1	36.6	33.9	5649	1628	2545	22	68400	2357
5-127	58.0	54.2	49.6	45.3	40.6	38.2	35.6	5649	1628	2850	22	68100	2443
8-91	54.6	50.3	45.4	40.8	35.8	33.3	30.5	4764	2480	2202	15	83700	2747
8-92	54.3	50.5	45.9	41.3	36.3	33.8	31.0	4764	2480	2202	11	70700	2789
8-93	57.0	53.1	48.2	43.6	38.4	35.8	32.8	4764	2480	2202	15	79600	2767
8-94	58.0	54.2	49.4	45.0	40.0	37.5	34.6	4764	2480	2507	11	69700	2825
8-95	62.0	58.0	52.8	47.8	42.3	39.5	36.2	4764	2480	2202	18.5	83800	2779
8-96	63.8	59.6	54.3	49.2	43.6	40.7	37.3	4764	2480	2202	22	86800	2787
8-97	66.20	61.8	56.5	51.5	46.1	43.2	39.9	4764	2480	2507	18.5	82700	2849
8-121	71.2	66.1	59.9	53.9	47.5	44.2	40.5	5750	2480	2202	18.5	97200	3419
8-122	76.8	71.5	65.0	58.6	51.7	48.2	44.2	5750	2480	2202	22	101100	3440
8-123	80.7	75.2	68.4	61.9	54.7	51.0	46.8	5750	2480	2202	30	113700	3520
8-124	81.9	76.5	70.0	63.6	56.7	53.1	49.1	5750	2480	2507	22	99600	3530
8-125	86.0	80.3	73.3	66.5	58.8	54.8	50.4	5750	2480	2202	37	116800	3567
8-126	88.2	82.3	75.4	68.7	61.3	57.5	53.1	5750	2480	2507	30	109700	3637
8-127		87.8	80.5	73.4	65.6	61.6	57.0	5750	2480	2507	37	116800	3672
8-128			82.7	75.5	67.8	63.9	59.3	5750	2480	2812	37	116700	3773

Note: Dimensions are to be used as a guide only. Please contact Aqua-Cool Towers for construction drawings.