

LNZ系列蒸发式冷凝器

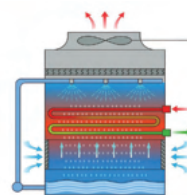
LNZ Series Evaporative Condenser



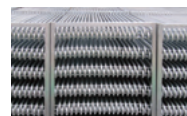
Product features

■ Heat exchange tube

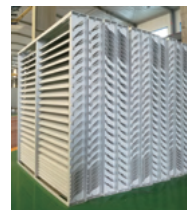
Moon's patent product "iso-drop type heat exchange tube" is used with the following advantages: Good aerodynamic characteristics. The resistance during flowing over iso-drop type tubes is obviously less than that during drilling over elliptical tubes and especially round tubes. Iso-drop type heat exchange tubes have good encapsulation property, high heat exchange efficiency and no dry point in the lower part. Small volume in tubes, small refrigerant charging quantity



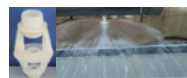
■ Heat exchange tubes are formed at a time using an imported production line. The whole heat exchange tube has no attachment welds. Before and after assembling, two pressure tests are performed. After hot dip galvanizing, the third pressure test is conducted to ensure the strength and airtightness of the coil unit.



■ PVC sine wave type shutters are used and they have advantages such as anticorrosion, resistance to ageing and ultraviolet rays, small wind resistance and small weight.



■ Large diameter three-layer nozzles are characterized by more uniform water distribution, difficult blockage, small resistance and saving of water pump power. Threaded connection, convenient repair.



R717 heat extraction coefficient table

Condensing temperature °C	Wet-bulb temperature °C																				
	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
28	1.17	1.13	1.08	1.03	0.97	0.92	0.86	0.8	0.74	0.68	0.6	0.54	0.47	0.4							
30	1.36	1.31	1.25	1.21	1.16	1.11	1.05	1	0.93	0.86	0.8	0.73	0.66	0.58	0.51	0.44					
32	1.55	1.51	1.45	1.4	1.35	1.29	1.22	1.16	1.11	1.05	0.99	0.91	0.85	0.76	0.71	0.62					
34	1.71	1.66	1.61	1.56	1.51	1.45	1.4	1.34	1.28	1.22	1.16	1.09	1.01	0.95	0.88	0.8	0.72	0.64			
35	1.82	1.76	1.71	1.66	1.6	1.55	1.49	1.44	1.38	1.32	1.25	1.2	1.14	1.06	1	0.92	0.85	0.78	0.71	0.61	0.54
36	1.88	1.84	1.79	1.74	1.69	1.64	1.59	1.53	1.46	1.41	1.35	1.29	1.22	1.15	1.09	1.01	0.94	0.85	0.76	0.69	0.62
38	2.06	2.02	1.98	1.94	1.89	1.84	1.79	1.74	1.68	1.62	1.56	1.51	1.45	1.38	1.31	1.24	1.16	1.08	1	0.91	0.83
40	2.24	2.2	2.16	2.13	2.09	2.05	2	1.94	1.88	1.82	1.76	1.71	1.63	1.56	1.51	1.42	1.36	1.28	1.2	1.11	1.01
42	2.45	2.41	2.37	2.33	2.28	2.23	2.18	2.13	2.07	2.01	1.95	1.91	1.84	1.77	1.71	1.63	1.55	1.47	1.4	1.31	1.24

Table of performance parameters

Product model	Heat extraction quantity under the designed operating condition kW	Axial flow fan				Weight kg			Circulating water pump				Make-up water quantity: m³/h
		Power kW	A	Number	Total air rate 10³m³/h	Transportation	Running	The heaviest part	Power kW	A	Number	Water quantity m³/h	
LNZ240	240	0.75	2.6	2	2.4	2055	2784	1449	1.1	2.7	1	40	0.20~0.73
LNZ350	350	1.5	4.4	2	3.5	2327	3177	1651	1.5	3.5	1	50	0.30~1.06
LNZ480	480	3	9	1	4.8	3491	4619	2535	1.5	3.5	1	75	0.39~1.37
LNZ600	600	4	12.5	1	6.0	3885	4934	2874	1.5	3.5	1	75	0.52~1.83
LNZ800	800	2.2	6.7	2	8	5017	6198	3522	2.2	4.9	1	100	0.64~2.29
LNZ900	900	3	9	2	9	5874	7052	4133	4	8.7	1	120	0.77~2.74
LNZ1000	1000	3	9.6	2	10	6277	7865	4394	4	8.7	1	160	0.86~3.05
LNZ1200	1200	4	12.5	2	12	6690	8518	4933	4	8.7	1	160	1.02~3.65
LNZ1400	1400	11	36.2	1	14	7388	9044	5400	5.5	11.6	1	195	1.16~4.20
LNZ1600	1600	5.5	16.7	2	16	8958	10911	6793	5.5	11.6	1	195	1.27~4.56
LNZ1800	1800	5.5	18.5	2	18	10098	12306	7595	7.5	15.5	1	260	1.54~5.48
LNZ2000	2000	7.5	24.7	2	20	11205	13658	8347	7.5	15.5	1	260	1.70~6.08
LNZ2400	2400	7.5	24.7	2	24	13168	15677	10077	11	22.4	1	310	2.02~7.33
LNZ2800	2800	11	36.2	2	28	14597	17341	11279	15	29.2	1	360	2.36~8.55
LNZ3200	3200	15	36.7	2	32	16668	19765	13088	15	29.2	1	366	2.68~9.75

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* The specifications are subject to change without notice.