VT1 1012-1018

Open cooling towers

Engineering data

REMARK: Do not use for construction. Refer to factory certified dimensions & weights. This page includes data current at time of publication, which should be reconfirmed at the time of purchase. In the interest of product improvement, specifications, weights and dimensions are subject to change without notice.

General notes

1. All connections 100 mm and smaller are MPT. Connections 150 mm and larger are bevelled-for-welding.
2. Fan kW is at 0 Pa ESP. kW's at other ESP's are available upon request. As a rule of thumb, one size larger motor can overcome ESP's up to 125 Pa.
3. The drawings show the standard “right hand” arrangement, which has the air inlet side on the right when facing the connection end. “Left hand” arrangement can be furnished by special order.
4. Water outlet, overflow and make-up are always located on the same end of the unit. For units with two water outlet connections an additional overflow connection will be installed on the other end of the unit.

VT0-1 cooling tower performance at standard conditions

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1. Drain ND 50; 2. Water Outlet; 3. Overflow ND50; 4. Make Up ND25; 5.Water Inlet; 6.Access Door.

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Model	Weights (kg)			Dimensions (mm)			Air Flow (m^3/s)	Fan Motor (kW)	Fluid Inlet ND (mm)	Fluid Outlet ND (mm)	Make Up ND (mm)
	Oper. Weight (kg)	Ship. Weight(kg)	Heaviest Section (kg)	L	W	H					
VT1 10 12-01L	4788	2843	1828	3550	3000	4030	24.73	(1x) 11.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-01M	4808	2863	1848	3550	3000	4030	27.42	(1x) 15.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-01N	4847	2902	1887	3550	3000	4030	29.41	(1x) 18.5	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-01O	4869	2924	1909	3550	3000	4030	31.16	(1x) 22.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-01P	4905	2960	1945	3550	3000	4030	34.55	(1x) 30.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-02L	5078	3143	1828	3550	3000	4487	24.56	(1x) 11.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-02M	5098	3163	1848	3550	3000	4487	27.23	(1x) 15.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-02N	5137	3202	1887	3550	3000	4487	29.2	(1x) 18.5	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-02O	5159	3224	1909	3550	3000	4487	30.94	(1x) 22.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-02P	5195	3260	1945	3550	3000	4487	34.31	(1x) 30.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-03L	5388	3443	1828	3550	3000	4944	24.41	(1x) 11.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-03M	5408	3463	1848	3550	3000	4944	27.07	(1x) 15.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-03N	5447	3502	1887	3550	3000	4944	29.02	(1x) 18.5	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-03O	5469	3524	1909	3550	3000	4944	30.75	(1x) 22.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-03P	5505	3560	1945	3550	3000	4944	34.1	(1x) 30.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 12-03Q	5535	3590	1970	3550	3000	4944	36.62	(1x) 37.0	(1x) 200	(1x) 200	(1x) 50
VT1 10 18-01L	7143	4198	2608	5388	3000	4030	41.13	(2x) 11.0	(1x) 250	(1x) 250	(1x) 50
VT1 10 18-01M	7183	4238	2648	5388	3000	4030	45.61	(2x) 15.0	(1x) 250	(1x) 250	(1x) 50
VT1 10 18-01N	7261	4316	2726	5388	3000	4030	48.91	(2x) 18.5	(1x) 250	(1x) 250	(1x) 50
VT1 10 18-01O	7305	4360	2770	5388	3000	4030	51.82	(2x) 22.0	(1x) 250	(1x) 250	(1x) 50
VT1 10 18-02L	7588	4648	2608	5388	3000	4487	40.83	(2x) 11.0	(1x) 250	(1x) 250	(1x) 50
VT1 10 18-02M	7628	4688	2648	5388	3000	4487	45.27	(2x) 15.0	(1x) 250	(1x) 250	(1x) 50
VT1 10 18-02N	7706	4766	2726	5388	3000	4487	48.55	(2x) 18.5	(1x) 250	(1x) 250	(1x) 50
VT1 10 18-02O	7750	4810	2770	5388	3000	4487	51.44	(2x) 22.0	(1x) 250	(1x) 250	(1x) 50
VT1 10 18-03L	8083	5128	2608	5388	3000	4944	40.42	(2x) 11.0	(1x) 250	(1x) 250	(1x) 50
VT1 10 18-03M	8123	5168	2648	5388	3000	4944	44.82	(2x) 15.0	(1x) 250	(1x) 250	(1x) 50
VT1 10 18-03N	8201	5246	2726	5388	3000	4944	48.06	(2x) 18.5	(1x) 250	(1x) 250	(1x) 50
VT1 10	8245	5290	2770	5388	3000	4944	50.92	(2x)	(1x)	(1x)	(1x) 50

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18-03O								22.0	250	250	
VT1 10 18-03P	8325	5370	2845	5388	3000	4944	54.93	(2x) 30.0	(1x) 250	(1x) 250	(1x) 50
VT1 10 12-01L-2	9571	5666	3651	7226	3000	4030	49.45	(2x) 11.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-01M-2	9611	5706	3691	7226	3000	4030	54.84	(2x) 15.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-01N-2	9689	5784	3769	7226	3000	4030	58.81	(2x) 18.5	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-01O-2	9733	5828	3813	7226	3000	4030	62.3	(2x) 22.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-01P-2	9805	5900	3885	7226	3000	4030	69.09	(2x) 30.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-02L-2	10151	6256	3651	7226	3000	4487	49.11	(2x) 11.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-02M-2	10191	6296	3691	7226	3000	4487	54.46	(2x) 15.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-02N-2	10269	6374	3769	7226	3000	4487	58.41	(2x) 18.5	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-02O-2	10313	6418	3813	7226	3000	4487	61.88	(2x) 22.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-02P-2	10385	6490	3885	7226	3000	4487	68.62	(2x) 30.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-03L-2	10771	6876	3651	7226	3000	4944	48.81	(2x) 11.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-03M-2	10811	6916	3691	7226	3000	4944	54.13	(2x) 15.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-03N-2	10889	6994	3769	7226	3000	4944	58.05	(2x) 18.5	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-03O-2	10933	7038	3813	7226	3000	4944	61.5	(2x) 22.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-03P-2	11005	7110	3885	7226	3000	4944	68.2	(2x) 30.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-03Q-2	11055	7160	3925	7226	3000	4944	73.25	(2x) 37.0	(2x) 200	(1x) 300	(1x) 50
VT1 10 12-01L-3	14327	8477	5427	10903	3000	4030	74.19	(3x) 11.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-01M-3	14387	8537	5487	10903	3000	4030	82.27	(3x) 15.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-01N-3	14504	8654	5604	10903	3000	4030	88.22	(3x) 18.5	(3x) 200	(2x) 250	(1x) 80
VT1 10	14570	8720	5670	10903	3000	4030	94.37	(3x)	(3x)	(2x)	(1x) 80

12-01O-3								22.0	200	250	
VT1 10 12-01P-3	14860	8830	5785	10903	3000	4030	103.64	(3x) 30.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-02L-3	15209	9359	5434	10903	3000	4487	73.67	(3x) 11.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-02M-3	15269	9419	5494	10903	3000	4487	81.7	(3x) 15.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-02N-3	15386	9536	5611	10903	3000	4487	87.61	(3x) 18.5	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-02O-3	15452	9602	5677	10903	3000	4487	92.82	(3x) 22.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-02P-3	15560	9710	5785	10903	3000	4487	102.93	(3x) 30.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-03L-3	16139	10289	5434	10903	3000	4944	73.22	(3x) 11.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-03M-3	16199	10349	5494	10903	3000	4944	81.2	(3x) 15.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-03N-3	16316	10466	5611	10903	3000	4944	87.07	(3x) 18.5	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-03O-3	16382	10532	5677	10903	3000	4944	92.25	(3x) 22.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-03P-3	16490	10640	5785	10903	3000	4944	102.3	(3x) 30.0	(3x) 200	(2x) 250	(1x) 80
VT1 10 12-03Q-3	16570	10720	5855	10903	3000	4944	109.87	(3x) 37.0	(3x) 200	(2x) 250	(1x) 80

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