



VT0 0412

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](#)

Last update: 29/04/2024

VT0 0412



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



Model	Weights (kg)			Dimensions (mm)			Air Flow (m³/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					
VT0 04 12-01K	2162	1537	862	3645	1438	3128	12.53	(1x) 7.5	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-01L	2195	1570	895	3645	1438	3128	14.24	(1x) 11.0	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-01M	2215	1590	915	3645	1438	3128	15.79	(1x) 15.0	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-02K	2307	1687	862	3645	1438	3585	12.33	(1x) 7.5	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-02L	2340	1720	895	3645	1438	3585	14.0	(1x) 11.0	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-02M	2360	1740	915	3645	1438	3585	15.53	(1x) 15.0	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-02N	2399	1779	954	3645	1438	3585	17.1	(1x) 18.5	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-02O	2421	1801	976	3645	1438	3585	17.64	(1x) 22.0	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-03K	2473	1848	888	3645	1438	4042	12.0	(1x) 7.5	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-03L	2506	1881	921	3645	1438	4042	13.8	(1x) 11.0	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-03M	2526	1901	941	3645	1438	4042	15.2	(1x) 15.0	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-03N	2565	1940	980	3645	1438	4042	16.94	(1x) 18.5	(1x) 150	(1x) 150	(1x) 25
VT0 04 12-03O	2587	1962	1002	3645	1438	4042	17.2	(1x) 22.0	(1x) 150	(1x) 150	(1x) 25