



VTL-E 039G-137M

Open cooling towers

Engineering data

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

General notes

1. All connections 100 mm and smaller are MPT. Connections 200 mm and larger than 100 mm are bevelled-for-welding.
2. Fan kW is at 0 Pa ESP. To operate against external static pressure up to 125 Pa, consult your BAC representative for size and location.
3. Make up, overflow, suction, drain connections and access door can be provided on side opposite to that shown, consult your BAC representative.
4. Unit height is indicative, for precise value refer to certified print.
5. Shipping/operating weights indicated are for units without accessories such as sound attenuators, discharge hoods, etc. Consult factory certified prints to obtain weight additions and the heaviest section to be lifted.

[VTL-E cooling tower performance at standard conditions](#)

Last update: 15/05/2024

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1. Water Inlet; 2. Water Outlet; 3. Acces Door; 4. Make up ND25; 5. Overflow ND50; 6. Drain ND50; 7. Fan Motor. Overflow connection is 80 mm on models VTL-E 086L, VTL-E 094M and VTL-E 103K through VTL-E 137M.

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)	L1	L2	W	H					
VTL-E 039-G	1200	720	720	3350	1820	1250	1560	7.0	(1x) 2.2	(1x) 100	(1x) 100	(1x) 25
VTL-E 045-H	1230	750	750	3350	1820	1250	1560	8.0	(1x) 4.0	(1x) 100	(1x) 100	(1x) 25
VTL-E 051-G	1279	799	799	3350	1820	1250	1990	6.3	(1x) 2.2	(1x) 100	(1x) 100	(1x) 25
VTL-E 059-H	1290	810	810	3350	1820	1250	1990	7.3	(1x) 4.0	(1x) 100	(1x) 100	(1x) 25
VTL-E 066-J	1320	840	840	3350	1820	1250	1990	8.1	(1x) 5.5	(1x) 100	(1x) 100	(1x) 25
VTL-E 072-K	1330	850	850	3350	1820	1250	1990	8.8	(1x) 7.5	(1x) 100	(1x) 100	(1x) 25
VTL-E 056-G	1369	889	889	3350	1820	1250	2480	5.632	(1x) 2.2	(1x) 100	(1x) 100	(1x) 25
VTL-E 065-H	1380	900	900	3350	1820	1250	2480	6.625	(1x) 4.0	(1x) 100	(1x) 100	(1x) 25
VTL-E 073-J	1401	921	921	3350	1820	1250	2480	7.537	(1x) 5.5	(1x) 100	(1x) 100	(1x) 25
VTL-E 079-K	1410	930	930	3350	1820	1250	2480	8.3	(1x) 7.5	(1x) 100	(1x) 100	(1x) 25
VTL-E 058-G	1688	978	978	4560	2730	1250	1990	7.149	(1x) 2.2	(1x) 150	(1x) 150	(1x) 25
VTL-E 067-H	1699	989	989	4560	2730	1250	1990	8.48	(1x) 4.0	(1x) 150	(1x) 150	(1x) 25
VTL-E 076-J	1720	1010	1010	4560	2730	1250	1990	9.7	(1x) 5.5	(1x) 150	(1x) 150	(1x) 25
VTL-E 082-K	1740	1030	1030	4560	2730	1250	1990	10.6	(1x) 7.5	(1x) 150	(1x) 150	(1x) 25
VTL-E 092-L	1773	1063	1063	4560	2730	1250	1990	11.78 9	(1x) 11.0	(1x) 150	(1x) 150	(1x) 25
VTL-E 066-G	1809	1099	1099	4560	2730	1250	2480	6.647	(1x) 2.2	(1x) 150	(1x) 150	(1x) 25
VTL-E 078-H	1820	1110	1110	4560	2730	1250	2480	8.007	(1x) 4.0	(1x) 150	(1x) 150	(1x) 25
VTL-E 088-J	1841	1131	1131	4560	2730	1250	2480	9.109	(1x) 5.5	(1x) 150	(1x) 150	(1x) 25
VTL-	1850	1140	1140	4560	2730	1250	2480	10.0	(1x)	(1x)	(1x)	(1x)

E 095-K									7.5	150	150	25
VTL- E 107-L	1883	1173	1173	4560	2730	1250	2480	11.36	(1x) 11.0	(1x) 150	(1x) 150	(1x) 25
VTL- E 117-M	1903	1193	1193	4560	2730	1250	2480	12.59 6	(1x) 15.0	(1x) 150	(1x) 150	(1x) 25
VTL- E 070-J	2008	1078	1078	5480	3650	1250	1560	11.11	(1x) 5.5	(1x) 150	(1x) 150	(1x) 25
VTL- E 077-K	2017	1087	1087	5480	3650	1250	1560	12.32	(1x) 7.5	(1x) 150	(1x) 150	(1x) 25
VTL- E 086-L	2050	1120	1120	5480	3650	1250	1560	14.0	(1x) 11.0	(1x) 150	(1x) 150	(1x) 25
VTL- E 094-M	2060	1130	1130	5480	3650	1250	1560	15.4	(1x) 15.0	(1x) 150	(1x) 150	(1x) 25
VTL- E 094-J	2141	1211	1211	5480	3650	1250	1990	10.76 3	(1x) 5.5	(1x) 150	(1x) 150	(1x) 25
VTL- E 103-K	2150	1220	1220	5480	3650	1250	1990	11.8	(1x) 7.5	(1x) 150	(1x) 150	(1x) 25
VTL- E 116-L	2180	1250	1250	5480	3650	1250	1990	13.3	(1x) 11.0	(1x) 150	(1x) 150	(1x) 25
VTL- E 126-M	2190	1260	1260	5480	3650	1250	1990	14.5	(1x) 15.0	(1x) 150	(1x) 150	(1x) 25
VTL- E 102-J	2278	1348	1348	5480	3650	1250	2480	10.21 2	(1x) 5.5	(1x) 150	(1x) 150	(1x) 25
VTL- E 111-K	2287	1357	1357	5480	3650	1250	2480	11.19 1	(1x) 7.5	(1x) 150	(1x) 150	(1x) 25
VTL- E 126-L	2320	1390	1390	5480	3650	1250	2480	12.8	(1x) 11.0	(1x) 150	(1x) 150	(1x) 25
VTL- E 137-M	2330	1400	1400	5480	3650	1250	2480	13.6	(1x) 15.0	(1x) 150	(1x) 150	(1x) 25