



Open circuit cooling towers

FR.45.01-S

TVAES Series

In order to reduce the noise level on the TVAE series, the TVAES has been developed.

It has the same advantages than its forerunner. On top of them, it has an innovative and hi-tech fan that it is directly coupled to the gearbox shaft to be operated with slow speed; achieving very low noise level and power consumption.

This way we can reduce the common maintenance costs on belts and pulleys.

The volute has been reinforced and designed to improve the outlet aerodynamic.

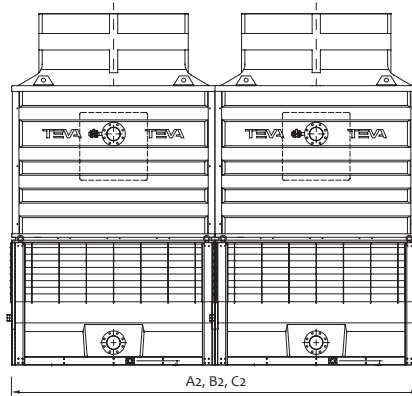
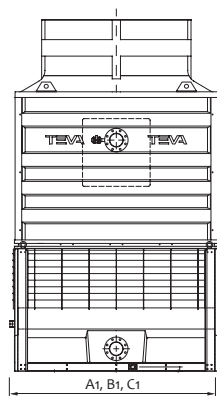
It has motor shaft direct coupling, the basin has an slope for complete and easy emptying and four sides access. Optional: inspection platform and ladders.

Main sectors: Industrial processes or high HVAC capacities.

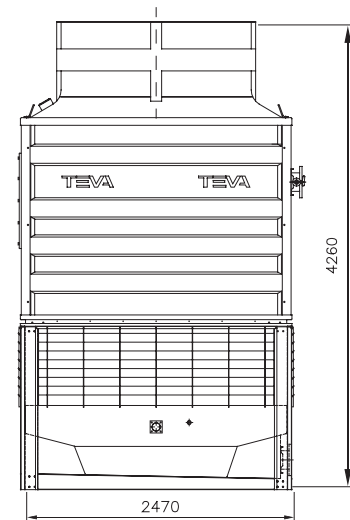
Axial fans
Silent mood

GRP
Construction

Model	Quantity x kW Motors	Sound level at 15m ± 2 dB (A)	Measurements (m)		
			l	w	h
TVAES 085	1 x 4,0	40	2,47	2,47	4,26
TVAES 090	1 x 5,5	44	2,47	2,47	4,26
TVAES 102	1 x 7,5	50	2,47	2,47	4,26
TVAES 115	1 x 9,2	49	2,47	2,47	4,26
TVAES 130	1 x 7,5	47	3,00	2,47	4,26
TVAES 145	1 x 9,2	49	3,00	2,47	4,26
TVAES 165	1 x 9,2	48	3,60	2,47	4,26
TVAES 170	2 x 4,0	43	4,94	2,47	4,26
TVAES 180	2 x 5,5	47	4,94	2,47	4,26
TVAES 204	2 x 7,5	53	4,94	2,47	4,26
TVAES 230	2 x 9,2	52	4,94	2,47	4,26
TVAES 260	2 x 7,5	50	6,00	2,47	4,26
TVAES 290	2 x 9,2	52	6,00	2,47	4,26
TVAES 330	2 x 9,2	51	7,20	2,47	4,26



Models	Measurements
085 - 115	A1 - 2,47 m
130 - 145	B1 - 3,00 m
165	C1 - 3,60 m
170 - 230	A2 - 4,94 m
260- 290	B2 - 6,00 m
330	C2 - 7,20 m



Model	Quantity x kW Motors	Sound level at 15m ± 2 dB (A)	Measurements (m)		
			l	w	h
TVAES 340	3 x 7,5	50	7,50	2,47	4,26
TVAES 360	3 x 9,2	49	7,50	2,47	4,26
TVAES 390	3 x 7,5	47	9,00	2,47	4,26
TVAES 420	3 x 9,2	49	9,00	2,47	4,26
TVAES 495	3 x 9,2	48	10,50	2,47	4,26
TVAES 520	4 x 7,5	47	12,00	2,47	4,26
TVAES 560	4 x 9,2	49	12,00	2,47	4,26
TVAES 660	4 x 9,2	48	14,10	2,47	4,26

Models	Measurements
340 - 360	A3 - 7,50 m
390 - 420	B3 - 9,00 m
495	C3 - 10,50 m
520 - 560	A4 - 12 m
660	B4 - 14,10 m

