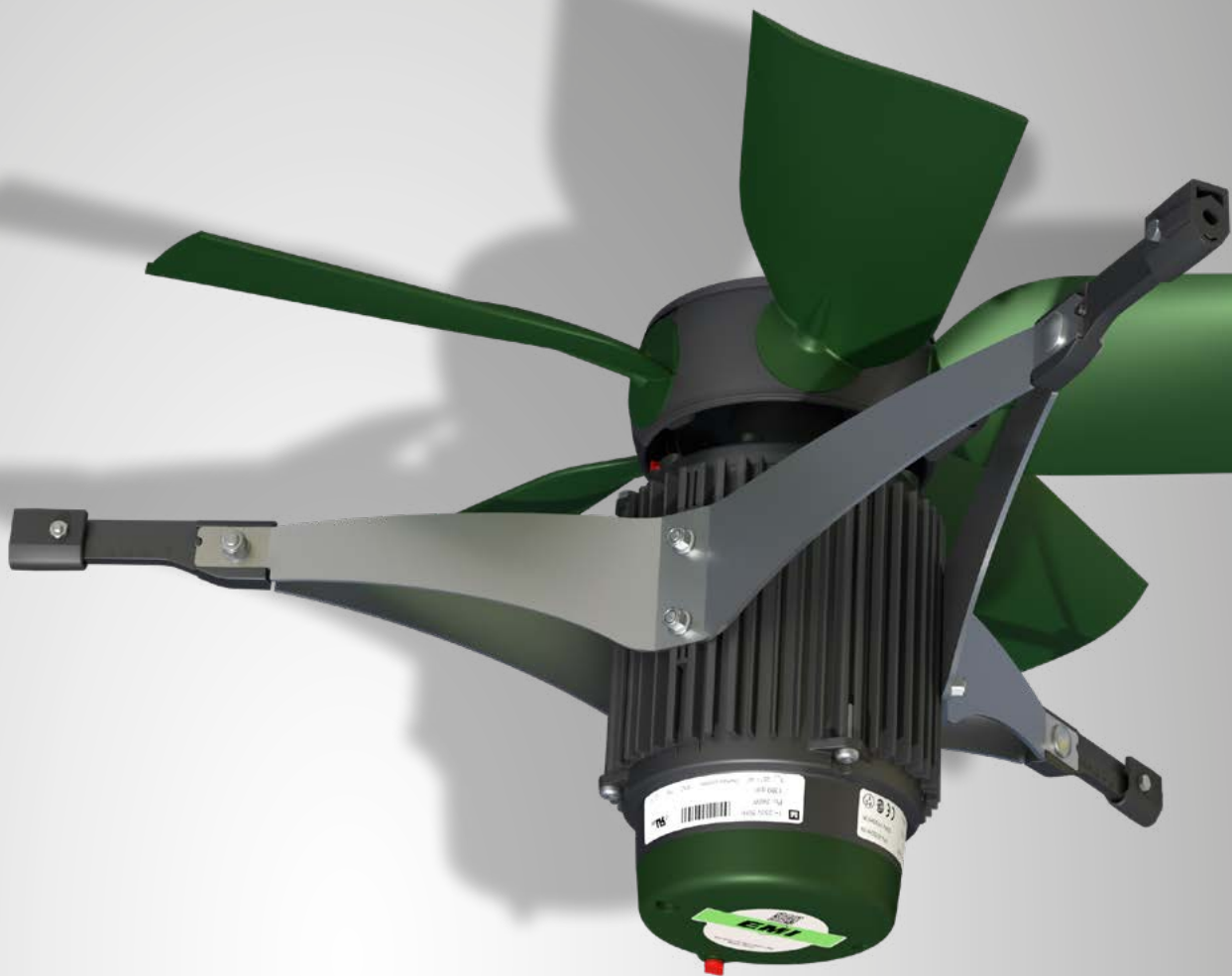


# Tube Fans

Suitable for every tube, duct or chimney



# EMI Tube Fans

## A fan for every tube, duct or chimney

With the extensive line of standard EMI Tube Fans, we offer a wide range of reliable and efficient fans. Do you need a customized size? No problem! We are able to deliver a customized fan between 400 mm and 963 mm. Thanks to our flexible range, we are always able to offer the right fan solution for every ventilation need. EMI Tube Fans are optional available with the energy efficient ECplus technology.



### Why choose this fan

- Able to offer customized fan sizes for your application
- Materials resistant to extreme corrosive environments
- Extreme durable fan with a long lifetime
- Easy installation and maintenance
- High performances and energy efficient
- 3-year warranty on the fan motor



### Features

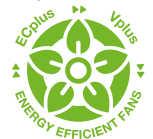
- For horizontally or vertically mounting
- Suitable for ambient temperatures up to 40°C
- Water and dust resistant fan motor (IP55)
- Low noise level

### Applications

- Agricultural: Pig, Poultry and Dairy
- Horticulture: Greenhouse
- Industry: Cooling, Heating and Ventilation

### Options available

- On request suitable for ambient temperatures up to 70°C
- Tube mounting fastener set
- Energy saving ECplus technology
- Tube Fans for high pressure applications (up to 400 Pa)



Tube Fan range 40 to 96 cm

Optional Energy Efficient ECplus Fan Technology

## Technical data single-phase

Article	ø (cm)	Power supply			(n) RPM	P <sub>in</sub> (W)	I <sub>nom</sub> (A)	Q <sub>v</sub> (m³/h)						SFP @0Pa (W/1000m³/h)	dB(A) *	Control options **
		~	V	Hz				0 Pa	30 Pa	50 Pa	80 Pa	100 Pa	150 Pa			
P4S40CAE11100	40	1	230	50	1.415	200	0,9	4.900	4.450	4.100	3.350	-	-	40,7	54	E / T
P4S45CAE11100	45	1	230	50	1.405	300	1,5	6.550	6.000	5.600	4.900	-	-	46,4	56	E / T
P6S50AAE11100	50	1	230	50	950	170	0,9	5.600	4.800	4.150	-	-	-	29,6	49	E / T
P4S50CAE11100	50	1	230	50	1.370	400	1,8	8.300	7.600	7.100	6.300	5.600	-	48,0	58	E / T
P6S56AAE11100	56	1	230	50	910	280	1,3	8.350	7.250	6.350	-	-	-	33	50	E / T
P6S63AAE11100	63	1	230	50	935	500	2,2	11.500	10.600	9.850	8.500	-	-	43,1	58	E / T
P6S71AAE11100	71	1	230	50	930	520	2,3	13.500	12.300	11.200	9.350	-	-	38,2	56	E / T
P6S82AAE11100	82	1	230	50	915	530	2,4	16.200	14.200	12.700	10.300	-	-	32,7	62	E / T
P6S92AAE11100	92	1	230	50	910	590	2,7	17.300	15.600	14.200	11.400	-	-	34,2	66	E / T

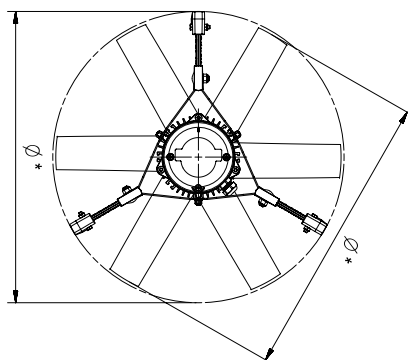
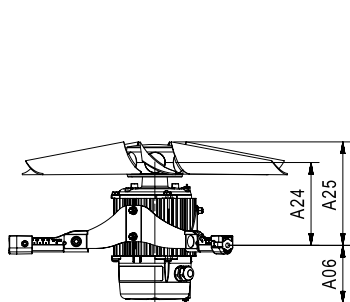
## Technical data three-phase

Article	ø (cm)	Power supply			(n) RPM	P <sub>in</sub> (W)	I <sub>nom</sub> (A)		Q <sub>v</sub> (m³/h)							SFP @0Pa (W/1000m³/h)	dB(A) *	Control options **
		~	V (Δ / Y)	Hz			Δ	Y	0 Pa	30 Pa	50 Pa	80 Pa	100 Pa	150 Pa	200 Pa			
P4T40AAE11100	40	3	230/400	50	1.405	210	0,8	0,4	4.950	4.500	4.200	3.450	-	-	-	41,5	56	T / F
P4T45AAE11100	45	3	230/400	50	1.370	280	1	0,6	6.450	5.900	5.450	4.750	-	-	-	43,2	56	T / F
P6T50AAE11100	50	3	230/400	50	965	210	0,9	0,5	6.550	5.700	4.950	-	-	-	-	31,8	48	F
P4T50AAE11100	50	3	230/400	50	1.415	410	1,6	0,9	8.600	8.000	7.550	6.750	6.100	-	-	47,8	60	T / F
P6T56AAE11100	56	3	230/400	50	955	290	1,1	0,6	8.750	7.750	7.000	-	-	-	-	32,6	51	F
P4T56AAE11100	56	3	230/400	50	1.455	950	3,6	2,1	13.100	12.500	12.000	11.300	10.900	9.400	-	72,7	65	F
P6T63AAE11100	63	3	230/400	50	965	520	2,3	1,3	11.900	11.000	10.400	9.150	8.100	-	-	43,9	59	F
P4T63AAE11100	63	3	230/400	50	1.450	1.000	3,5	2,0	14.700	14.000	13.600	12.800	12.200	10.200	-	65,6	69	F
P4T63ABE11100	63	3	230/400	50	1.460	1.400	5,2	3	17.900	17.100	16.600	15.800	15.300	13.900	12.000	77,1	69	F
P6T71AAE11100	71	3	230/400	50	945	690	2,5	1,4	15.300	14.200	13.300	11.800	10.500	-	-	44,9	59	F
P4T71AAE11100	71	3	230/400	50	1.435	1.150	3,9	2,2	17.500	16.800	16.300	15.600	15.000	13.300	-	65,1	69	F
P4T71ABE11100	71	3	230/400	50	1.450	1.650	5,6	3,3	21.400	20.600	20.000	18.900	18.200	16.500	14.300	76,3	69	F
P6T82AAE11100	82	3	230/400	50	920	920	3,0	1,8	20.200	18.400	17.300	15.500	14.300	-	-	45,3	62	F
P6T92AAE11100	92	3	230/400	50	945	760	2,7	1,6	21.100	19.400	17.900	15.200	12.900	-	-	36,2	66	F

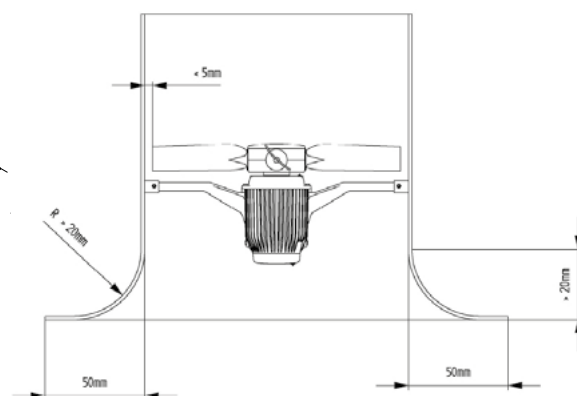
\* Sound pressure level (LpA) at 7 meter distance from the center of the fan

\*\* Transformer Voltage Control (T), Frequency Control (F), Electronic / Triac / Solid State Voltage Control (E)

## Dimensions (mm)



## Preferred setup



ø (cm)*	A06	A24	A25 (max.)
40 -50	100	143	181
50	100	142	178
56 - 92	103	201	265

For optimal performance and controllability, we recommend a tube with an inlet flange and a minimum tip clearance of 5 mm.

\* Mounting supports and impellers are adjustable to your demand.



# Energy-efficient axial fans

## Save more energy

Our standard fans are also available in extra an energy-efficient variant. With the help of the MFD frequency controller, it is possible to lower the speed of these fans on a continuous scale. For every 20% reduction in speed, the fan's energy consumption is halved. To provide optimum protection for the sensitive electronics

inside a controller, the fan is placed in a separate housing with at least IP65 protection class. This is essential to safeguard reliability in even the most extreme environments.



## ECplus and Vplus technology

Our ECplus and Vplus technologies (with permanent magnet motor) combine excellent performance and robust quality with significant energy savings. For that reason, our axial fans ensure a good return on investment and a short payback period.



### Why choose Vostermans Ventilation:

#### LOYAL TO YOU

We care for your specific needs based on our long expertise. In close cooperation with you we secure your business outcomes.

#### RELIABLE

Since our foundation in the Netherlands in 1952, we maintain our reputation as reliable partner. Our carefully selected global network of independent distributors strive to deliver you dedicated service and expertise.

#### FUTURE PROOF

Our future proof approach, which combines energy efficiency solutions with robust quality and rigorous testing, is based on a genuine commitment to serve as a trusted partner.

Vostermans Ventilation is a global developer and manufacturer of sustainable axial fans for the agricultural and industrial market. Sustainability is key for Vostermans. Their premium brandlines Multifan and EMI are showcasing the drive for advanced energy efficient fans. The company applies continuous innovation and research in their own motor production facility and in house state of the art R&D department. Vostermans Ventilation, part of Vostermans Companies founded in 1952, is based in Venlo, the Netherlands and operates in USA, China and Malaysia.



YOUR SPECIALIST IN AIR

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