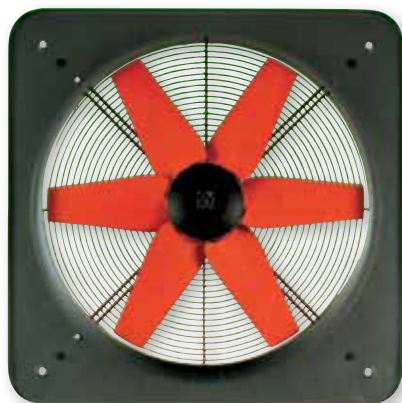


VORTICEL E RANGE

Low pressure plate axial fans



Suitable for commercial and industrial applications, for ventilation or air intake systems in garages, warehouses, gyms, dry cleaners, carpentry workshops, etc...

- **6 models: 4 single-phase and 2 three-phase**
 - Frame equipped with air intake with aerodynamic section, made using sheet steel protected with polyester paint.
 - Asynchronous induction motor, rotor mounted on ball bearings with double lubricant screen.
 - Impeller with blade profile, to reduce noise levels caused by air turbulence. Crushproof polypropylene blades with extra strength and stability, die-cast aluminium hub.
 - Protective grille made using steel rings, protected by epoxy polyester paint, in black, can be removed for maintenance and cleaning.
 - Wide range of continuous operation temperatures between -25°C and +50/+70°C.
 - Electric supply 220-240 V / 50 Hz for single phase models, 380-415 V / 60 Hz for three phase models.
 - Motor protection rating: IP44.
 - Insulation class: I. ⚡
 - *Available also in Atex version (certified for use in areas at risk of explosion due to gases and/or dust particles).*
- For all the technical and performance informations see the Vortice's Catalogue (Product Guide 21).*



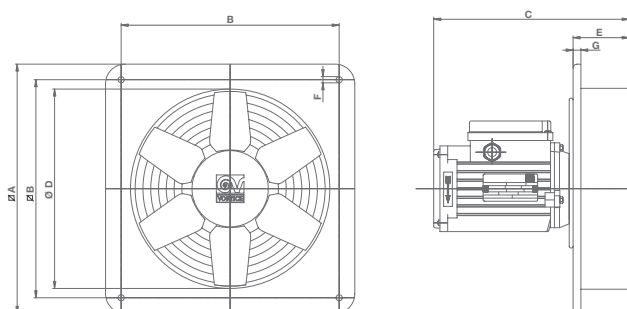
TECHNICAL DATA

	Models	Code	W min/max	A min/max	RPM min/max	Max Airflow		Max Pressure		Lp dB(A) a 3 m*	Max °C
						m³/h	l/s	mmH₂O	Pa		
Single-phase	E 252 M	40203	95 - 105	0.45 - 0.47	2800	1500	416.7	20	196	71	70
	E 254 M	40303	55 - 65	0.31 - 0.39	1400	1000	277.8	6.7	66	50.5	60
	E 304 M	40503	55 - 70	0.33 - 0.40	1400	1360	377.8	7.5	74	54	65
	E 354 M	40703	85 - 95	0.44 - 0.45	1400	1850	514	4.6	45	66.5	65
Three-phase	E 254 T	40356	55 70	0.35 - 0.20 0.40 - 0.23	1400	1000	277.8	7.3	71	53	55
	E 304 T	40556	90 100	0.32 - 0.19 0.38 - 0.22	1400	1400	389	8.2	81	53	50

* Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode, in accordance with standard EN ISO 3741:2009.



DIMENSIONS



Models	Ø nom.	∇ A	∇ B	C	Ø D	E	Ø F	G	Kg
E 252 M	250	320	280	201	256	68	8	10	3.5
E 254 M									3
E 304 M	315	380	330	203	308	70			4
E 354 M	355	450	380		360				3
E 254 T	250	320	280	201	256	68			3
E 304 T	315	380	330	203	308	70			

Dimensions (mm)

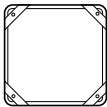
PRODUCT ACCESSORIES

Models		Code	Product					
			E 252 M code 40203	E 254 M code 40303	E 304 M code 40503	E 354 M code 40703	E 254 T code 40356	E 304 T code 40556
	IRM 30 Three position single-phase speed controller	12921	●	●	●	●		
	IRT 15 Three position three-phase speed controller	12923					●	●
	IREM 3 Single-phase speed controller	12931	●	●	●	●		
	IREM 5 Single-phase speed controller*	12932	●	●	●	●		
	IREM 9 Single-phase speed controller**	12933	●	●	●	●		

* Can control several fans up to a max of 5 A. ** Intended to simultaneously control appliances, up to a max of 9 A.

[Description and sizes on page 150](#)

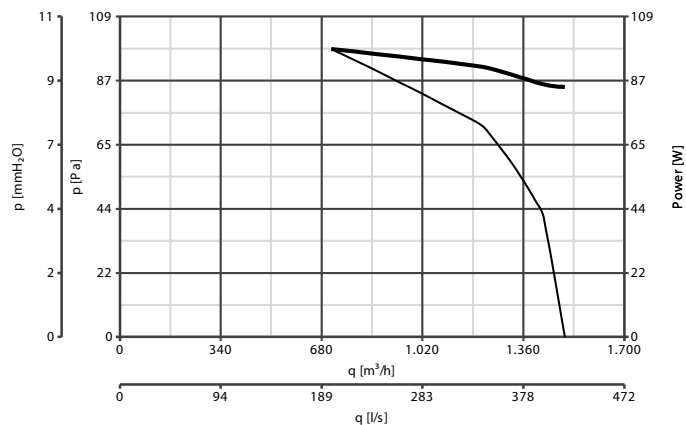
SYSTEM COMPONENTS

Models		Code	Product					
			E 252 M code 40203	E 254 M code 40303	E 304 M code 40503	E 354 M code 40703	E 254 T code 40356	E 304 T code 40556
	DPU 250 Spacer for panel installation	52151	●	●			●	
	DPU 300 Spacer for panel installation	52251			●			●
	DPU 350 Spacer for panel installation	52351				●		
	PGR 250 Gravity shutter	50150	●	●			●	
	PGR 300 Gravity shutter	50250			●			●
	PGR 350 Gravity shutter	50350				●		
	TRA 250 Outlet port protection grille	51150	●	●			●	
	TRA 300 Outlet port protection grille	51250			●			●
	TRA 350 Outlet port protection grille	51350				●		

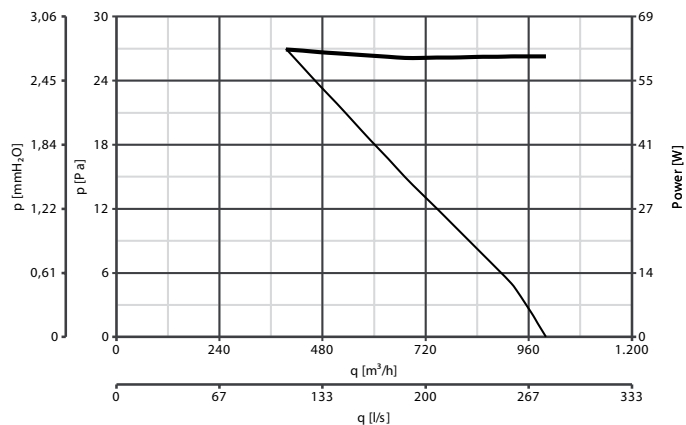
Description and sizes on page 150

PERFORMANCE CURVES

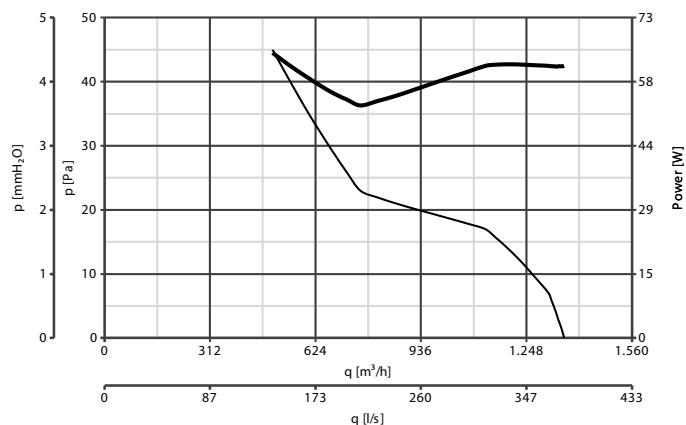
E 252 M



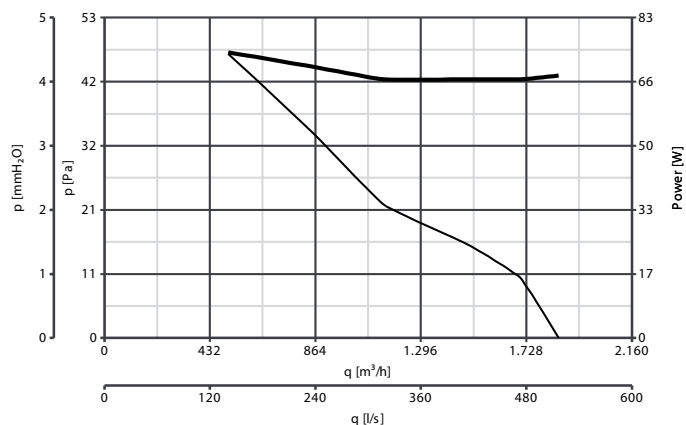
E 254 M



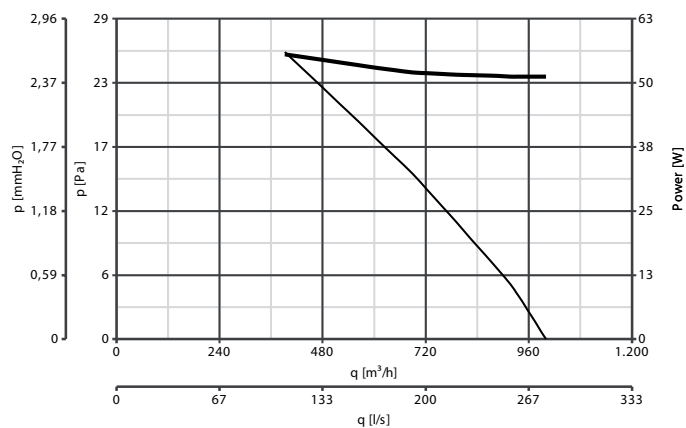
E 304M



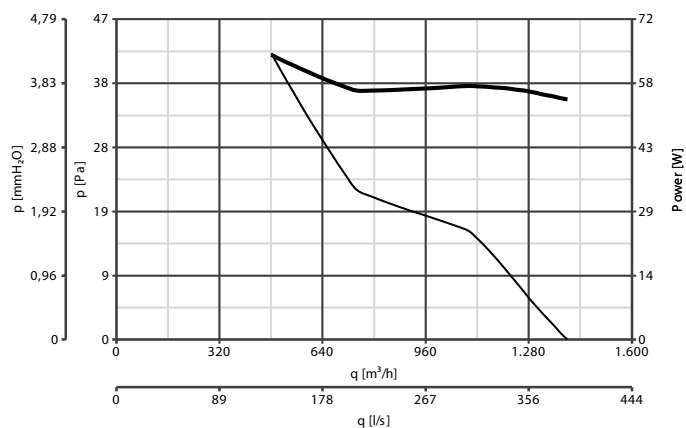
E 354 M



E 254 T



E 304 T



— min. — max.

