

VORT QBK QUIET RANGE

Sound-proof cabinet fans for residential, commercial and industrial applications

PRODUCT SPECIFICATIONS

Appliances for ducted ventilation specifically designed to ensure low noise emissions and to facilitate installation on false ceilings thanks to their compact size.

LONG LIFE 30.000 h



- 6 models single phase nominal diameters comprehended between 100 e 315 mm.
- Flow rates up to 2420 m³/h.
- Galvanised sheet steel enclosures, fully clad with sound-absorbing, fire-resistant panels (DIN EN 13501).
- Forward curved centrifugal impellers made of galvanized steel, dynamically balanced (standard ISO 1940).
- Single-speed fans suitable for control with electronic or auto-transformer devices, and designed for continuous operation.
- Class B, external rotor motors with ball-bearings and IP44 protection rating.
- Fully removable cover for easy inspection and maintenance of internal components.
- IP55 electrical connection box complete with cable grommet diam. 20 mm.
- Covers equipped with 4 snap hinges for easy inspection and maintenance.
- Operating temperature between -15 to +50 °C.
- Protection rating: IPX4.
- Insulation class: Cl.I ⊕.

Fans used in VORT QBK QUIET Range comply with ErP N° 327/2011/UE.





KEY FEATURES

- Low noise emissions.
- Compact size.
- High reliability and reduced maintenance requirements.
- Extremely simple, flexible installation.

TECHNICAL DATA

Models	Code	V ~ 50 Hz	W max	A max	RPM	Max Airflow		Max Pressure		°C Max	Motor Class	Kg
						m³/h	l/s	mmH ₂ O	Pa			
VORT QBK QUIET 100	45251	230	54	0.4	2410	175	48.6	20.7	203	50	H	12
VORT QBK QUIET 125	45252		56		2268	230	63.9	20.3	199			
VORT QBK QUIET 150	45253		128	0.6	2051	520	144.4	40.6	398	B	18	
VORT QBK QUIET 200	45254		133	0.6	1811	640	178.0	43.2	424		22	
VORT QBK QUIET 250	45255		410	2.4	1311	1715	476.4	40.0	390	F	40	
VORT QBK QUIET 315	45256		780	3.7	1390	2421	672.5	26.9	264		50	



VORT QBK QUIET RANGE

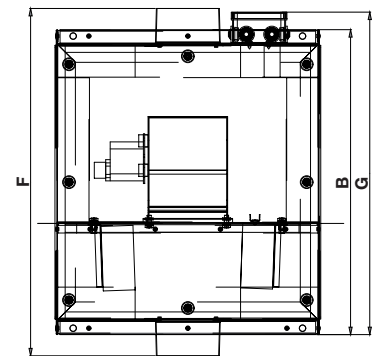
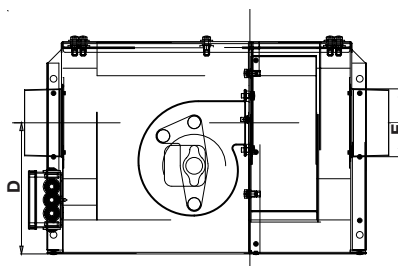
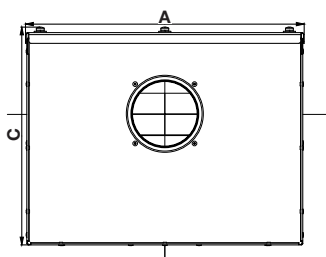
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SOUND LEVELS

Models	Code	Speed	Lp dB(A)* 3 m
VORT QBK QUIET 100	45251	outlet	24
		intake	19
		radiated	23
VORT QBK QUIET 125	45252	outlet	31
		intake	22
		radiated	22
VORT QBK QUIET 150	45253	outlet	35
		intake	30
		radiated	33
VORT QBK QUIET 200	45254	outlet	36
		intake	32
		radiated	31
VORT QBK QUIET 250	45255	outlet	41
		intake	35
		radiated	37
VORT QBK QUIET 315	45256	outlet	52
		intake	48
		radiated	39

* Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode, in accordance with standard EN ISO 9614.

DIMENSIONS



Models	A	B	C	D	Ø E	F	G
VORT QBK QUIET 100	416	477	317	195	100	544	505
VORT QBK QUIET 125					125		
VORT QBK QUIET 150	488	572	375	224	150	680	600
VORT QBK QUIET 200					200		
VORT QBK QUIET 250	609	719	551	352	250	870	746
VORT QBK QUIET 315					315		



Dimensions (mm)



VORT QBK QUIET
RANGE

CABINET FANS
ENERGY SAVING
SOUND-PROOF

ACCESSORIES

	Description	Code	Product
	C 1.5 - Regolatore elettronico di velocità monofase	11296	45251 - 45252 - 45253 - 45254
	IREM 3 - Regolatore elettronico di velocità monofase	12931	45255
	IREM 5 - Regolatore elettronico di velocità monofase	12932	45256

APPLICATIONS





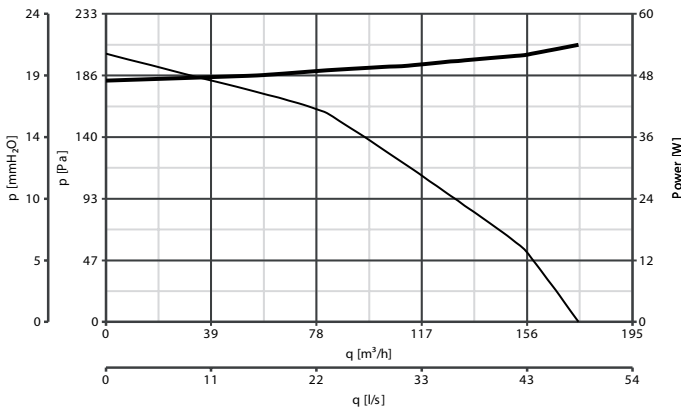
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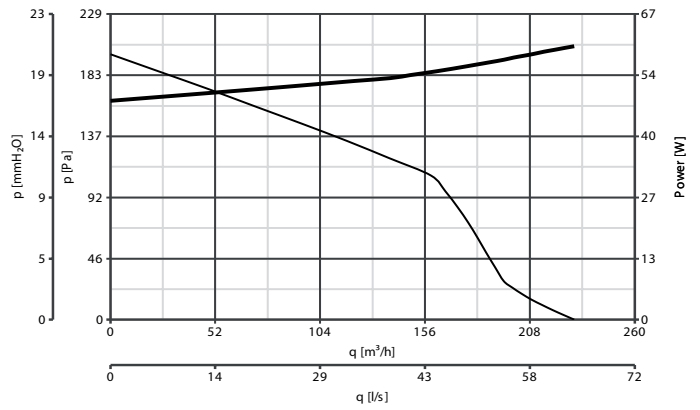
PERFORMANCE CURVES

— Delivery — Power consumption

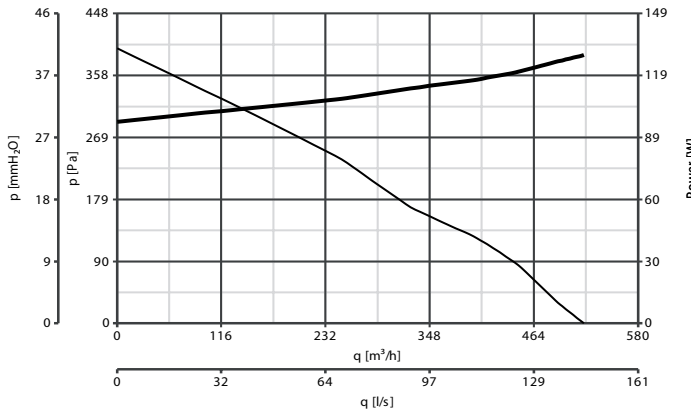
VORT QBK QUIET 100



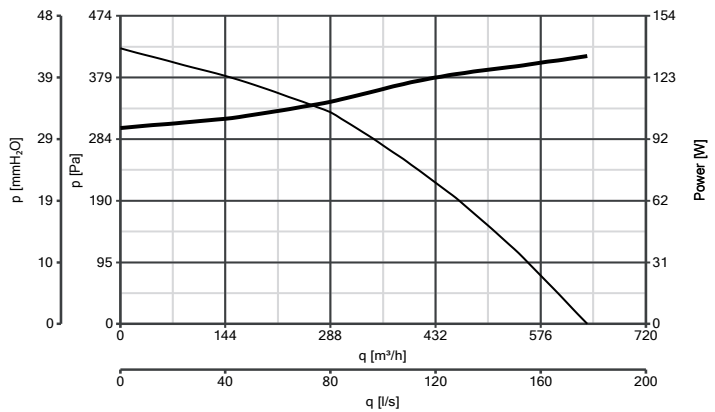
VORT QBK QUIET 125



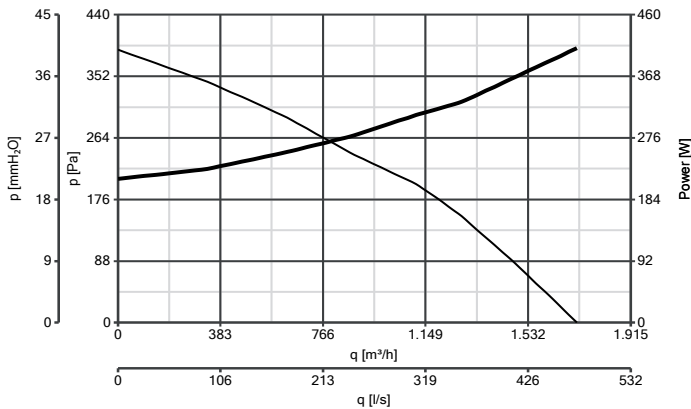
VORT QBK QUIET 150



VORT QBK QUIET 200



VORT QBK QUIET 250



VORT QBK QUIET 315

