

NEW

VORT QBK RANGE

Self-supporting double inlet cabinet fans

*Designed for ducted ventilation applications:
kitchens, bathrooms, offices, laboratories, factories, shops,
laundromats, models, restaurants, bars, theatres, ballrooms, etc.*



- **8 models: 7 single-phase 1 speed and 1 three-phase 1 speed.**
- Zinc-coated self-supporting cabinet (10/10), polyethylene padding, with metal and adhesive finishing (10 mm), class I.
- Double inlet centrifugal fan, forward curved impellers, directly coupled to AC motor 1 or 3 speeds, one or three phase.
- Double interchangeable inspection panel with handle and triangular key.
- Flow rates up to 8000 m³/h.
- Operating temperature between -20 and + 70°C.
- Insulation class: I.⊕



TECHNICAL DATA

Models	Code	W nom/max	A max	Poles	RPM	Max Airflow		Max Pressure		Max °C	IP motor
						m ³ /h	l/s	mmH ₂ O	Pa		
VORT QBK 1000	45260	90 - 202	0.9	2	2350	700	194	36.7	360	40	54
VORT QBK 7/7 4M 1V	45261	200 - 450	2.0	4	1260	1890	525	30	295	40	55
VORT QBK 9/9 6M 1V	45262	250 - 500	2.2	6	800	2950	819	18.8	185	70	55
VORT QBK 9/9 4M 1V	45263	550 - 1180	5.2	4	1200	3950	1097	43.3	425	40	44
VORT QBK 10/10 6M 1V	45264	315 - 640	2.9	6	600	3700	1028	26	255	40	55
VORT QBK 10/10 4M 1V	45205	550 - 1330	6.1	4	1400	4150	1150	48.9	480	40	20
VORT QBK 12/12 6M 1V	45206	736 - 1290	6.15	6	925	6000	1662	32.1	315	40	20
VORT QBK 12/12 6T 1V IP20	45207	1100 - 2455	4.3	6	900	8000	2216	33.6	330	40	20

Electrical supply: 230 V ~ 50 Hz (Single-phase)
Electrical supply 400 V ~ 60 Hz (Three-phase).

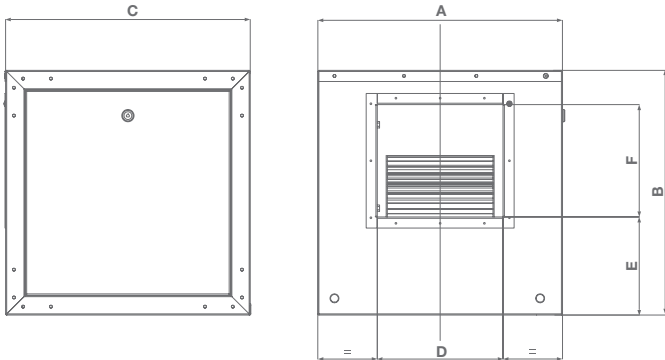
SOUND LEVELS

Models	Code	speed	125 Hz	250 Hz	500 Hz	1K Hz	2K Hz	4K Hz	8K Hz	Lw dB(A)	Lp dB(A)* 1 m
VORT QBK 1000	45260	1	32.5	38.6	44	52	49.9	47.2	43.9	55.7	47.6
VORT QBK 7/7 4M 1V	45261	1	39.7	48.8	52.9	62.6	62.5	60.4	56.8	67.4	59.3
VORT QBK 9/9 6M 1V	45262	1	43.5	54.3	54.4	62.4	62.7	64.3	54.9	68.6	60.5
VORT QBK 9/9 4M 1V	45263	1	47.6	61	59.7	69.3	70.3	71	65.8	75.8	67.8
VORT QBK 10/10 6M 1V	45254	1	43.9	57.5	55.4	63.1	63.7	63.7	55.5	69	61
VORT QBK 10/10 4M 1V	45205	1	50.2	57.2	61.0	66.7	66.7	64.9	59.6	71.8	63.8
VORT QBK 12/12 6M 1V	45206	1	56.1	59.8	66.2	68.9	69.3	67.5	60.8	74.6	66.6
VORT QBK 12/12 6T 1V IP20	45207	1	56.0	59.8	70.2	71.2	71.4	71.8	65.9	77.6	69.6

* Sound pressure level measured at 1 m in free field conditions with long-cased appliance in delivery mode, in accordance with standard EN ISO 3741:2009.



DIMENSIONS



Models	A	B	C	D	E	F	Kg
VORT QBK 1000	440	440	440	232	172	208	30
VORT QBK 7/7 4M 1V							31
VORT QBK 9/9 6M 1V	480	480	480	298	160	262	33
VORT QBK 9/9 4M 1V							
VORT QBK 10/10 6M 1V	540	540	540	331	192	289	38
VORT QBK 10/10 4M 1V							35.3
VORT QBK 12/12 6M 1V	680	680	680	395	282	341	59.1
VORT QBK 12/12 6T 1V IP20							58.7

Dimensions (mm)

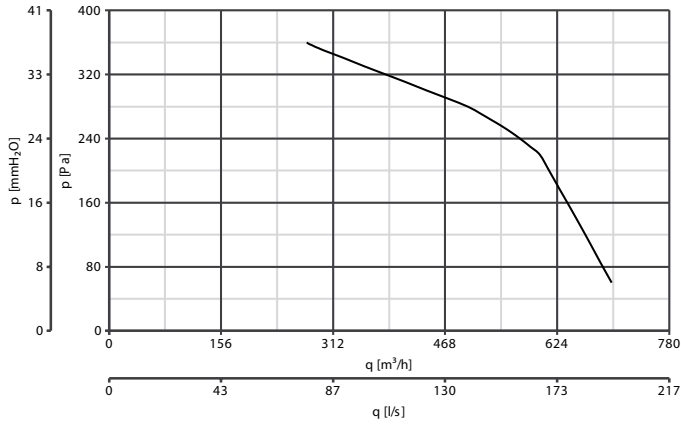
PRODUCT ACCESSORIES

Models		Code	Product									
			VORT QBK 1000 code 45260	VORT QBK 7/7 4M 1V code 45261	VORT QBK 9/9 6M 1V code 45262	VORT QBK 9/9 4M 1V code 45263	VORT QBK 10/10 6M 1V code 45264	VORT QBK 10/10 4M 1V code 45205	VORT QBK 12/12 6M 1V code 45206	VORT QBK 12/12 6T 1V IP20 code 45207		
	IREM 3 Single-phase speed controller	12931	●	●	●		●					
	IREM 5 Single-phase speed controller	12932				●						
	IREM 9 Single-phase speed controller	12933						●	●			
	QBK ABC 7/7 Air cowling	24200	●	●	●	●						
	QBK ABC 9/9 Air cowling											
	QBK ABC 10/10 Air cowling	24202					●	●	●	●		
	QBK ABC 12/12 Air cowling											
	QBK RRS Round nipple joint for Ø 250 mm intake	24205	●	●								
	QBK RRS Round nipple joint for Ø 315 mm intake	24206			●	●						
	QBK RRS Round nipple joint for Ø 400 mm intake	24207					●	●				
	QBK RRS Round nipple joint for Ø 450 mm intake	24208							●	●		
	QBK RRS SAL 7/7 e 9/9 Rain guard	24209	●	●	●	●						
	QBK RRS SAL 10/10 Rain guard	24210					●	●				
	QBK RRS SAL 12/12 Rain guard	24211							●	●		
	QBK F Feet	24204	●	●	●	●	●	●	●	●		

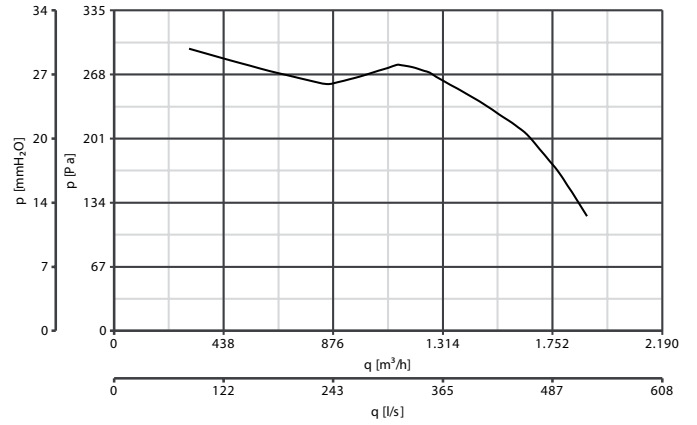
Description and sizes on page 98

PERFORMANCE CURVES

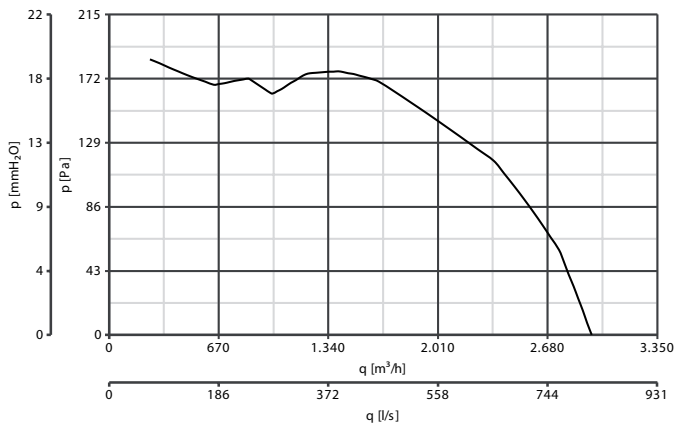
VORT QBK 1000



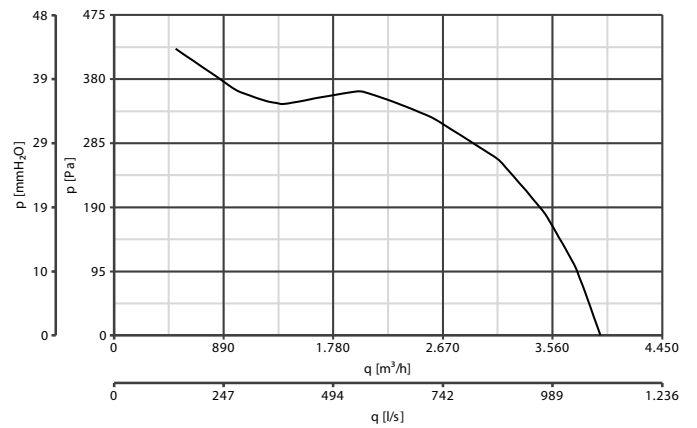
VORT QBK 7/7 4M 1V



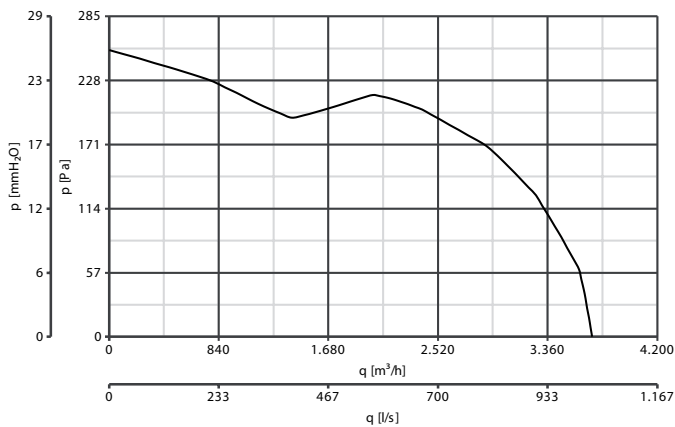
VORT QBK 9/9 6M 1V



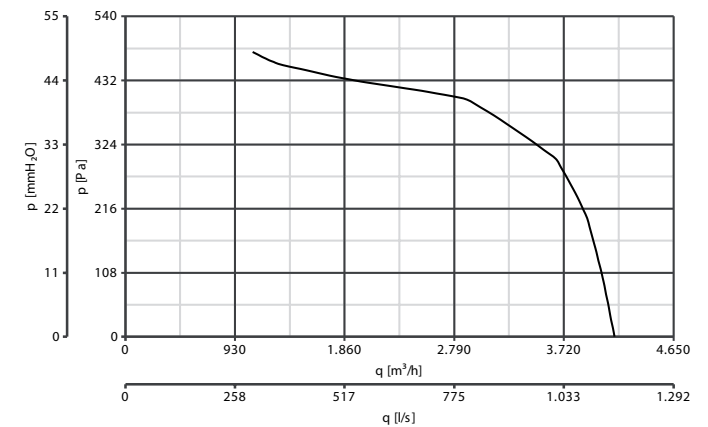
VORT QBK 9/9 4M 1V



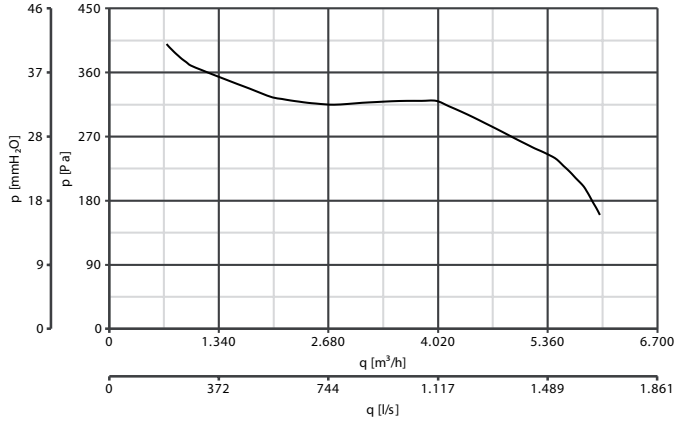
VORT QBK 10/10 6M 1V



VORT QBK 10/10 4M 1V



VORT QBK 12/12 6M 1V



— min. — max.

VORT QBK 12/12 6T 1V IP20

