

NEW



# VORT QBK RANGE

Self-supporting double inlet cabinet fans



*Designed for residential, commercial and industrial applications as 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 one speed, one or three phase.
- Double interchangeable inspection panel with handle and triangular key.
- Flow rates up to 8000 m<sup>3</sup>/h.
- Operating temperature between -20°C and + 40°C.
- Insulation class: I. ⊕

Wiring diagrams shown from page 458

## TECHNICAL DATA

Models	Code	W nom/max	A max	Poles	RPM	Max Airflow		Max Pressure		Max °C	IP motor
						m <sup>3</sup> /h	l/s	mmH <sub>2</sub> O	Pa		
VORT QBK 1000	45260	90 - 202	0.9	2	1270	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 ~ 50 Hz (Three-phase).

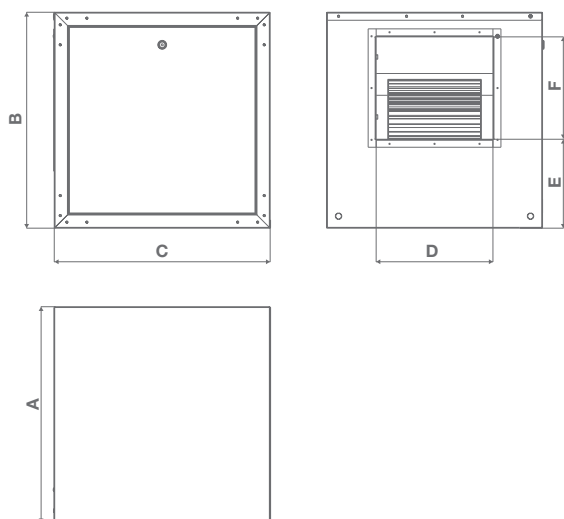
## SOUND LEVELS

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	45264	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
<b>VORT QBK 1000</b>	440	440	440	226	286	92	30
<b>VORT QBK 7/7 4M 1V</b>				232	172	208	31
<b>VORT QBK 9/9 6M 1V</b>	480	480	480	298	160	262	33
<b>VORT QBK 9/9 4M 1V</b>	540	540	540	292	222	256	
<b>VORT QBK 10/10 6M 1V</b>	540	540	540	331	192	289	38
<b>VORT QBK 10/10 4M 1V</b>							35.3
<b>VORT QBK 12/12 6M 1V</b>	680	680	680	395	282	341	59.1
<b>VORT QBK 12/12 6T 1V IP20</b>							58.7

Dimensions (mm)

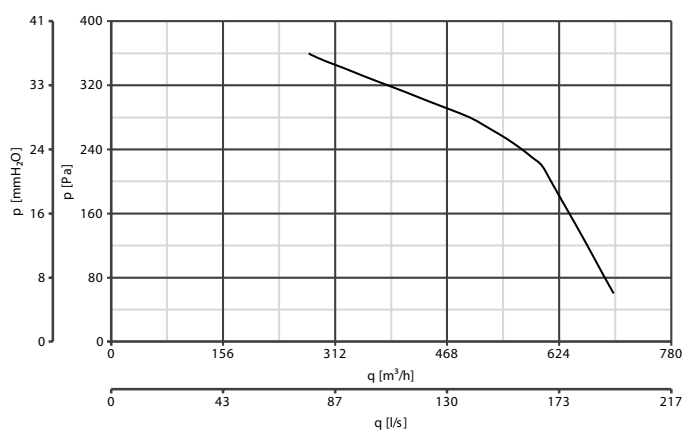
## PRODUCT ACCESSORIES

Models	Description	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
	<b>IREM 3</b> Single-phase speed controller	12931	●	●	●		●			
	<b>IREM 5</b> Single-phase speed controller	12932				●				
	<b>IREM 9</b> Single-phase speed controller	12933						●	●	
	<b>IRET 6</b> Three-phase speed controller	12934								●
	<b>QBK ABC 7/7</b> Air cowling	24200	●	●	●	●				
	<b>QBK ABC 9/9</b> Air cowling									
	<b>QBK ABC 10/10</b> Air cowling	24202					●	●	●	●
	<b>QBK ABC 12/12</b> Air cowling									
	<b>QBK RRS</b> Round nipple joint for Ø 250 mm intake	24205	●	●						
	<b>QBK RRS</b> Round nipple joint for Ø 315 mm intake	24206			●	●				
	<b>QBK RRS</b> Round nipple joint for Ø 400 mm intake	24207					●	●		
	<b>QBK RRS</b> Round nipple joint for Ø 450 mm intake	24208							●	●
	<b>QBK F</b> Feet	24204	●	●	●	●	●	●	●	●

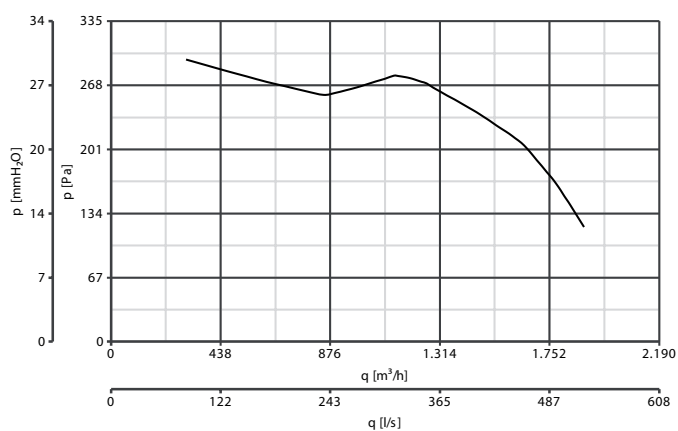
Description and sizes on page 236; System components on page 330.

## PERFORMANCE CURVES

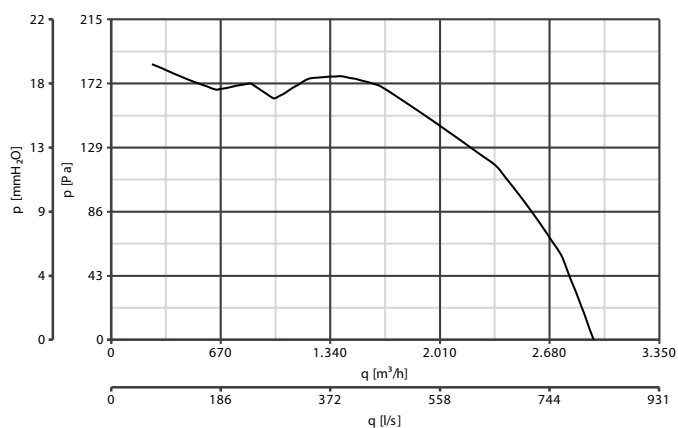
**VORT QBK 1000 code 45260**



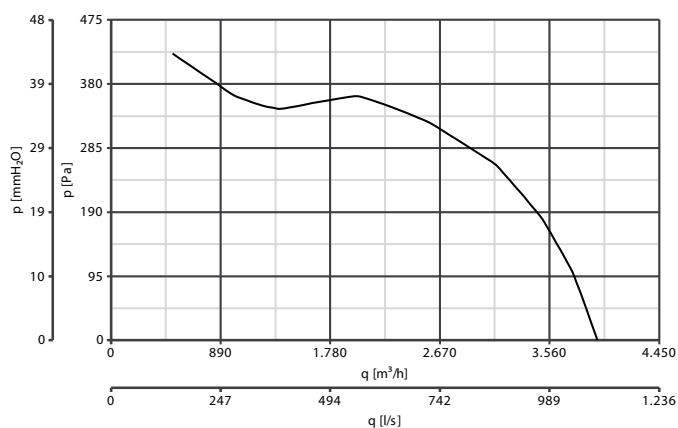
**VORT QBK 7/7 4M 1V code 45261**



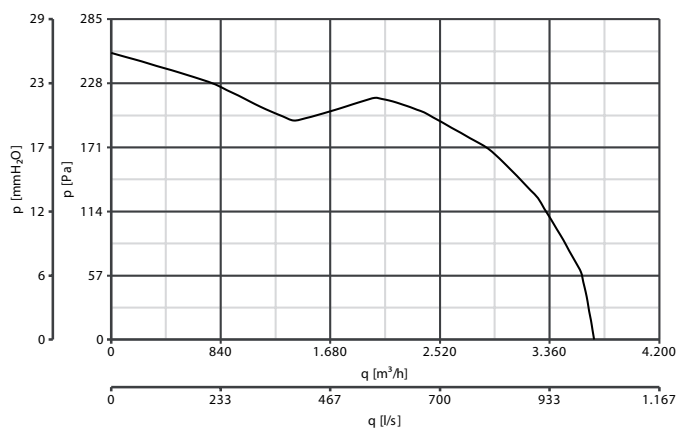
**VORT QBK 9/9 6M 1V code 45262**



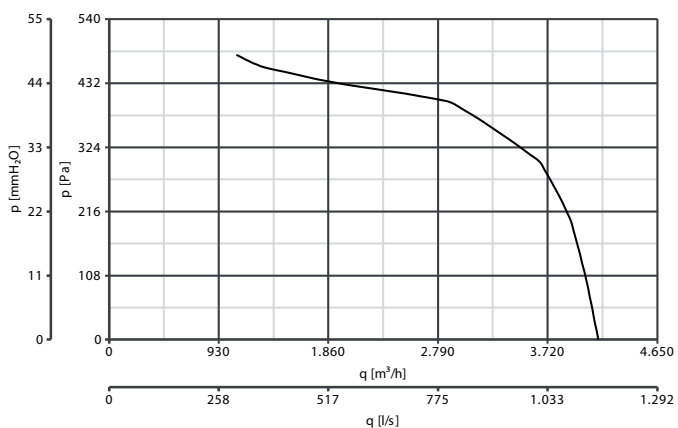
**VORT QBK 9/9 4M 1V code 45263**



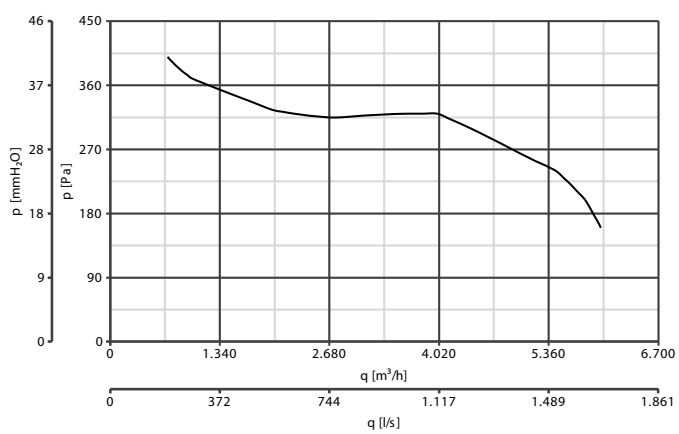
**VORT QBK 10/10 6M 1V code 45264**



**VORT QBK 10/10 4M 1V code 45205**



**VORT QBK 12/12 6M 1V code 45206**



— Delivery

**VORT QBK 12/12 6T 1V IP20 code 45207**

