

NEW

QBK COMFORT RANGE

Sound-proof double inlet cabinet fans

Suitable for domestic, commercial and industrial applications: kitchens, bathrooms, offices, laboratories, factories, shops, laundromats, models, restaurants, bars, theatres, ballrooms, etc.



CE

- **10 models: 9 single-phase 1 speed** and **1 three-phase 1 speed**.
- Extruded UNI 9006 aluminium frames assembled with diecast aluminium joints.
- Zinc treated sandwich panels, sound-proof through mineral wool (density 90/100 Kg/m³) covered with 48 mm layer of fibreglass.
- 1 inspection panel with locking handle.
- 1 intake panel with smooth round nipple.
- 1 smooth round nipple on inlet vent.
- Fan motor made of double inlet forward curved centrifugal impellers directly coupled to 3 or 4 speeds single or three-phase AC motor depending on model.
- 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		°C Max	IP motor
						m³/h min/max	l/s min/max	mmH ₂ O min/max	Pa min/max		
VORT QBK COMFORT 1000	45280	90 - 202	0.9	2	2350	700	194	36.7	360	40	54
VORT QBK COMFORT 7/7 4M 1V	45281	200 - 450	2.0	4	1260	1890	525	30.0	295	40	55
VORT QBK COMFORT 9/9 6M 1V	45282	250 - 500	2.2	6	800	2950	819	18.8	185	70	55
VORT QBK COMFORT 9/9 4M 1V	45283	550 - 1180	5.2	4	1200	3950	1097	43.3	425	40	44
VORT QBK COMFORT 10/10 6M 1V	45284	315 - 640	2.9	6	600	3700	1028	26.0	255	40	55
VORT QBK COMFORT 10/10 4M 1V	45285	550 - 1330	6.1	4	900	4150	1150	48.9	480	40	20
VORT QBK COMFORT 12/12 6M 1V	45286	736 - 1290	6.15	6	925	6000	1662	32.1	315	40	20
VORT QBK COMFORT 12/12 6T 1V	45287	550 - 1104	2.8	6	950	5750	1593	38.23	375	40	55
VORT QBK COMFORT 500 4V/1	45288	N/A* - 140	0.62	6	1030	610	169	42.3	415	50	20
VORT QBK COMFORT 800 MC/H 4V	45250	N/A* - 355	1.55	6	1850	450 - 1060	125 - 295	42.28 - 48.93	420 - 480	40	20

Electrical supply: 230 V ~ 50 Hz (Single-phase)

Electrical supply 400 V ~ 60 Hz (Three-phase).

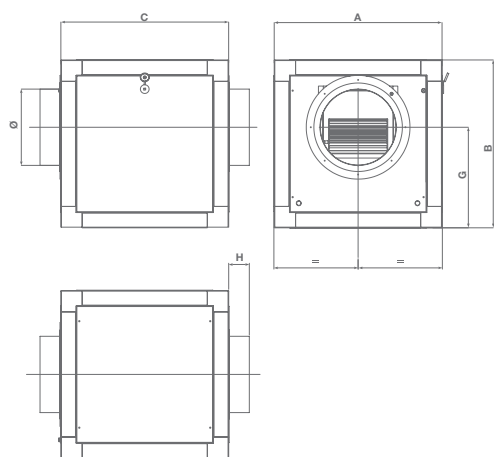
SOUND LEVELS

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 COMFORT 1000	45280	1	26.3	32.2	39.3	42.7	38.9	17.7	7.2	45.7	37.7
VORT QBK COMFORT 7/7 4M 1V	45281	1	33.5	42.4	48.2	53.3	51.5	30.9	20.1	56.5	48.4
VORT QBK COMFORT 9/9 6M 1V	45282	1	37.3	47.9	49.7	53.1	51.7	34.8	18.2	57.1	49.1
VORT QBK COMFORT 9/9 4M 1V	45283	1	41.4	54.6	55	60	59.3	41.5	29.1	64	55.9
VORT QBK COMFORT 10/10 6M 1V	45284	1	37.78	51.1	50.7	53.8	52.7	34.2	18.8	58.3	50.3
VORT QBK COMFORT 10/10 4M 1V	45285	1	44	50.8	56.3	57.4	55.7	35.4	22.9	64.8	56.7
VORT QBK COMFORT 12/12 6M 1V	45286	1	49	53.4	61.5	59.6	58.3	38	24.1	68.2	60.2
VORT QBK COMFORT 12/12 6T 1V	45287	1	49.8	53.4	65.5	61.9	60.4	42.3	29.2	71.2	63.1
VORT QBK COMFORT 500 4V/1	45288	4-max	29.2	32.2	38.0	39.5	33.0	12.6	<10	43.0	35.0
		3	21.3	24.7	30.8	29.8	24.6	<10	<10	34.6	26.6
		2	15.1	19.4	26.3	24.0	17.6	<10	<10	29.3	21.3
		1-min	10.8	14.4	19.7	16.1	10.1	<10	<10	22.7	14.7
VORT QBK COMFORT 800 MC/H 4V	45250	4-max	46.3	52.3	54.6	51.2	47.1	29.1	20.4	58.4	50.4
		3	44.1	45.9	48.8	46.4	41.5	23.1	13.9	53.0	45.0
		2	38.3	39.3	42.1	40.3	34.1	14.8	<10	46.6	38.5
		1-min	28.4	30.3	35.0	31.8	25.3	<10	<10	38.3	30.3

* 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.






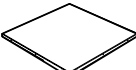

DIMENSIONS



Models	A	B	C	G	H	Ø	Kg
VORT QBK COMFORT 1000	550	550	550	330	60	250	48
VORT QBK COMFORT 7/7 4M 1V							49
VORT QBK COMFORT 9/9 6M 1V				317.5	60	315	49.5
VORT QBK COMFORT 9/9 4M 1V							
VORT QBK COMFORT 10/10 6M 1V	650	650	650	375	90	400	58
VORT QBK COMFORT 10/10 4M 1V							63.2
VORT QBK COMFORT 12/12 6M 1V	750	750	750	450	90	450	78.25
VORT QBK COMFORT 12/12 6T 1V							78.5
VORT QBK COMFORT 500 4V/1	400	400	400	230	45	200	26.5
VORT QBK COMFORT 800 4V	450	450	450	280	45	250	24.45

Dimensions (mm)

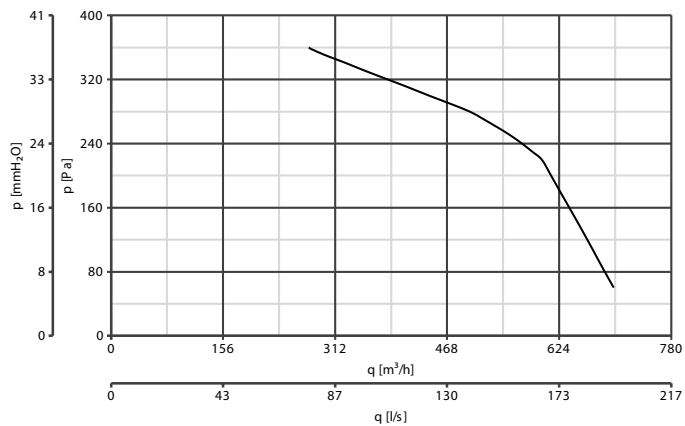
PRODUCT ACCESSORIES

Models		Code	Product									
			VORT QBK COMFORT 1000 code 45280	VORT QBK COMFORT 7/7 4M 1V code 45281	VORT QBK COMFORT 9/9 6M 1V code 45282	VORT QBK COMFORT 9/9 4M 1V code 45283	VORT QBK COMFORT 10/10 6M 1V code 45284	VORT QBK COMFORT 10/10 4M 1V code 45285	VORT QBK COMFORT 12/12 6M 1V code 45286	VORT QBK COMFORT 12/12 6T 1V code 45287	QBK COMFORT 500 4V /1 code 45288	QBK COMFORT 800 MC/H 4V code 45250
	IREM 3 Single-phase speed controller	12931	●	●	●		●					
	IREM 5 Single-phase speed controller	12932				●						
	C3VM3 Three-phase speed controller	12949	●	●	●							
	C3VM16 Three-phase speed controller	22916				●	●	●	●			
	C4VM16 Three-phase speed controller	12933									●	●
	IREM 3 Single-phase speed controller	12931	●	●	●		●					
	IREM 5 Single-phase speed controller	12932				●						
	QBK RRS COMFORT 7/7 e 9/9 Rain guard	24212	●	●	●	●						
	QBK RRS COMFORT 10/10 Rain guard	24213					●	●				
	QBK RRS COMFORT 12/12 Rain guard	24214							●	●		
	QBK F COMFORT Feet	24247	●	●	●	●	●	●	●	●	●	●

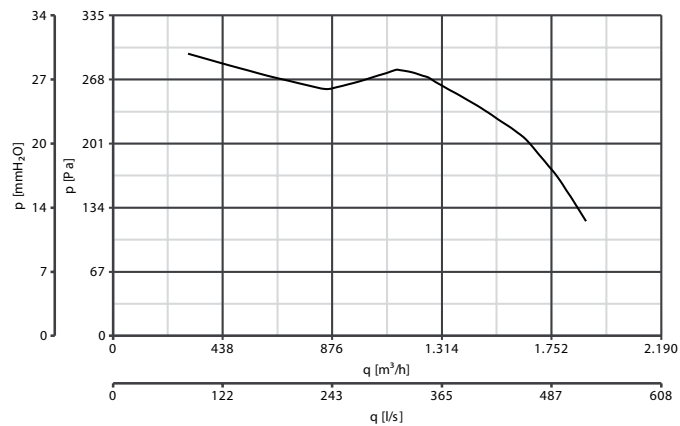
Description and sizes on page 98

PERFORMANCE CURVES

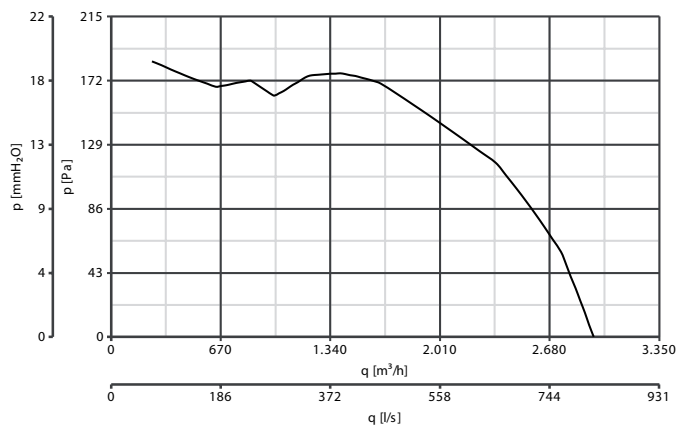
VORT QBK COMFORT 1000



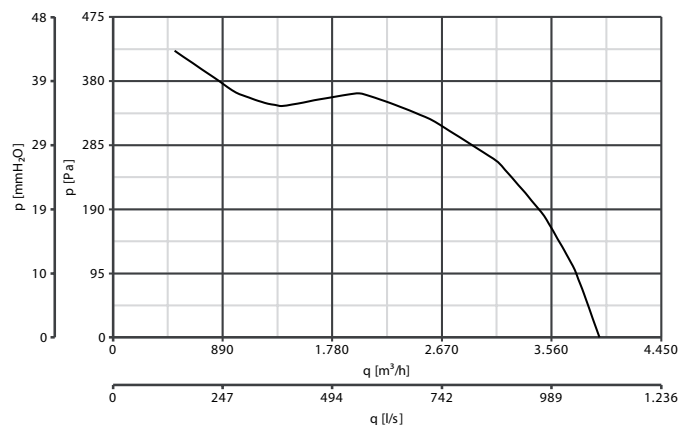
VORT QBK COMFORT 7/7 4M 1V



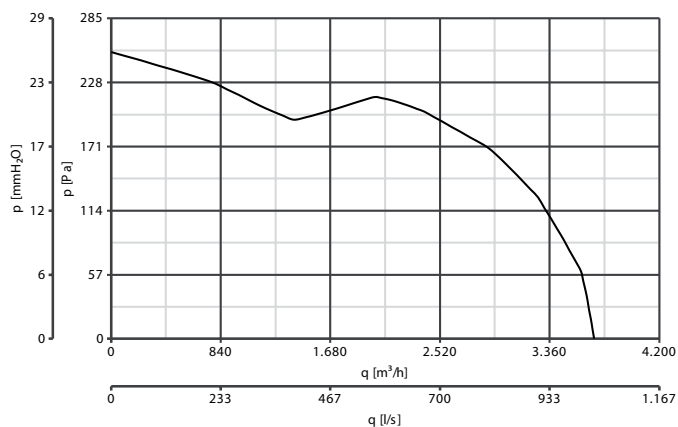
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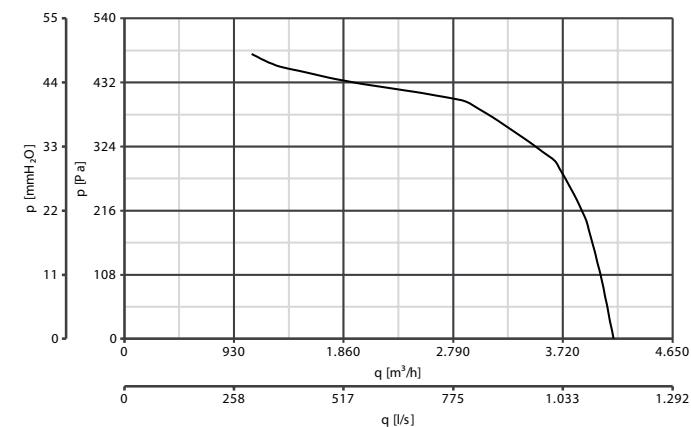
VORT QBK COMFORT 9/9 4M 1V



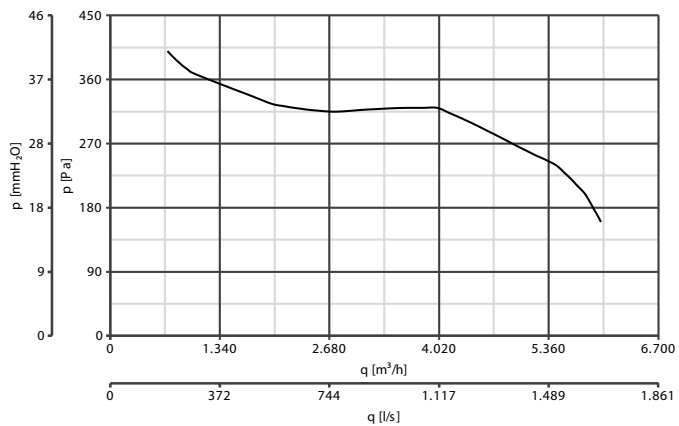
VORT QBK COMFORT 10/10 6M 1V



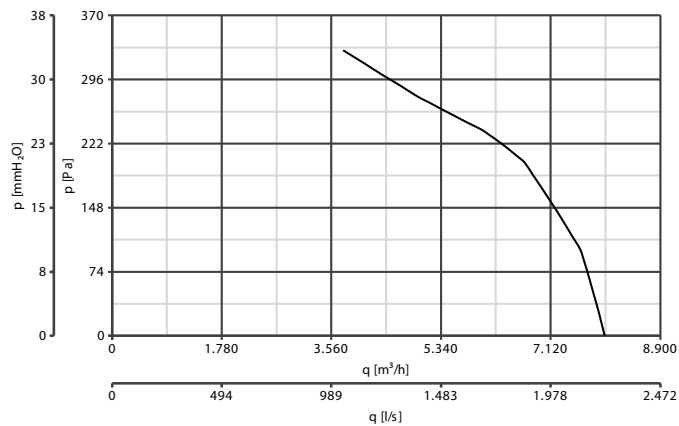
VORT QBK COMFORT 10/10 4M 1V



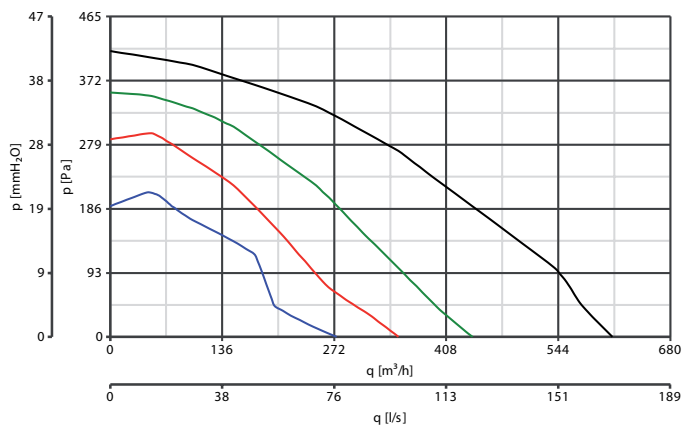
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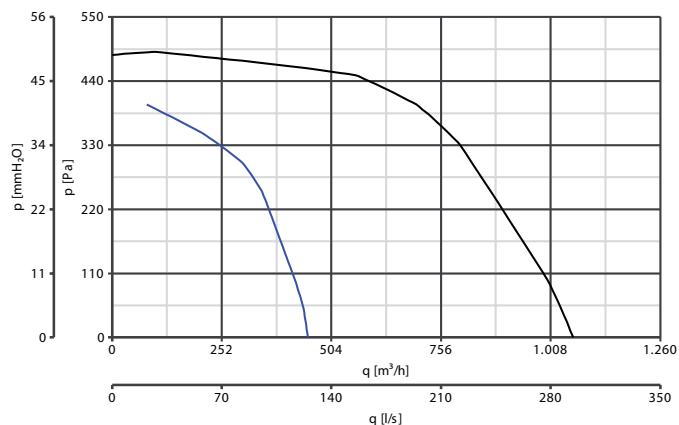
VORT QBK COMFORT 12/12 6T 1V



VORT QBK COMFORT 500 4V



VORT QBK COMFORT 800 4V



— min. — max.