



QBK POWER RANGE

Belt driven cabinet fans.

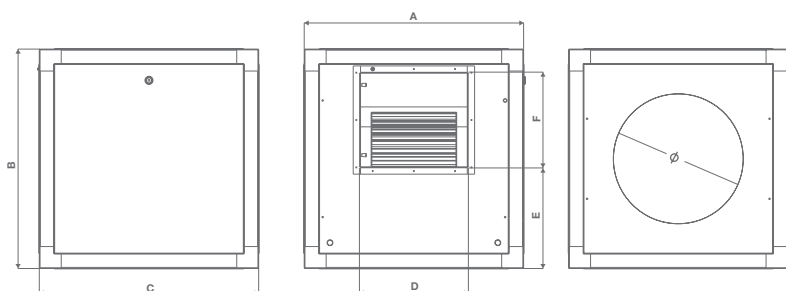
*Designed for ducted ventilation applications.
Suitable for internal or external installations.*



- **33 one-speed (upon request) and 28 two-speed (upon request).**
- Extruded aluminium frames assembled with diecast aluminium joints.
- Zinc-coated, sound-proof frames in polyethylene padding, with metal and adhesive finishing, class I.
- One or two-speed three-phase motor, depending on model.
- Double inlet centrifugal fans equipped with forward curves centrifugal impellers driven by belts and pulleys.
- Access through removeable panels or hinged door depending on model.
- Operating temperature between -20°C and +40°C. Operation at higher temperatures allowed, accepting a power drop.
- Flow rates up to 30000 m³/h.
- Designed for ducted ventilation applications.
- Suitable for internal or external installations.
- Insulation class: I. ⚡

Wiring diagrams shown from page 458

DIMENSIONS



Models	A	B	C	D	E		
VORT QBK POWER 9/7	790	600	600	235	265		
VORT QBK POWER 9/9				300	265		
VORT QBK POWER 10/10	1040	700	700	335	295		
VORT QBK POWER 12/12		790	790	395	340		
VORT QBK POWER 15/15		1040	1040	470	405		
VORT QBK POWER 18/18	1290	1290	1290	560	480		
VORT QBK POWER 560	1540			640	640		
VORT QBK POWER 630				1540	1540	720	720

Dimensions (mm)

NOTE:

The overall dimensions of QBK POWER are indicative since they are subject to change upon final order confirmation. In case the unit is fitted with the filtering section accessory, dimension A will increase by 250 mm.



TECHNICAL DATA

Models	Code	Speed N°	V ~ 50 Hz	kW nom.	A nom.	RPM	Max Airflow m³/h	Lp (dBA)* 1m max	Kg	Amb temp. max (°C)	Mot. Insul.	IP Motor
VORT QBK POWER 9/7 1V 0.37	45301	1	230/400	0.37	1.11	1350	2500	70	58	40	cl F	55
VORT QBK POWER 9/7 1V 0.55	45302		230/400	0.55	1.6	1520	2500	72	58	40	cl F	
VORT QBK POWER 9/7 1V 0.75	45303		230/400	0.75	1.93	1030	2500	69	58	40	cl F	
VORT QBK POWER 9/9 1V 0.37	45304		230/400	0.37	1.11	1030	2500	69	62	40	cl F	
VORT QBK POWER 9/9 1V 0.55	45305		230/400	0.55	1.6	1420	3500	72	62	40	cl F	
VORT QBK POWER 9/9 1V 0.75	45306		230/400	0.75	1.93	1590	3500	72	62	40	cl F	
VORT QBK POWER 9/9 1V 1.1	45307		230/400	1.1	2.64	1600	3500	73	62	40	cl F	
VORT QBK POWER 10/10 1V 0.55	45308		230/400	0.55	1.6	895	3500	72	83	40	cl F	
VORT QBK POWER 10/10 1V 0.75	45309		230/400	0.75	1.93	1050	4500	71	83	40	cl F	
VORT QBK POWER 10/10 1V 1.1	45310		230/400	1.1	2.64	1345	4500	73	83	40	cl F	
VORT QBK POWER 10/10 1V 1.5	45311		230/400	1.5	3.45	1360	4500	74	83	40	cl F	
VORT QBK POWER 12/12 1V 0.75	45312		230/400	0.75	1.93	735	5000	68	104	40	cl F	
VORT QBK POWER 12/12 1V 1.1	45313		230/400	1.1	2.64	1020	6000	71	104	40	cl F	
VORT QBK POWER 12/12 1V 1.5	45314		230/400	1.5	3.45	1150	7000	75	104	40	cl F	
VORT QBK POWER 12/12 1V 2.2	45315		230/400	2.2	4.84	1150	7000	76	104	40	cl F	
VORT QBK POWER 15/15 1V 1.1	45316		230/400	1.1	2.64	640	7000	70	139	40	cl F	
VORT QBK POWER 15/15 1V 1.5	45317		230/400	1.5	3.45	740	9000	73	139	40	cl F	
VORT QBK POWER 15/15 1V 2.2	45318		230/400	2.2	4.84	950	10000	77	139	40	cl F	
VORT QBK POWER 15/15 1V 3	45319		230/400	3	6.47	960	10000	78	139	40	cl F	
VORT QBK POWER 18/18 1V 1.5	45320		230/400	1.5	3.45	520	10000	72	208	40	cl F	
VORT QBK POWER 18/18 1V 2.2	45321		230/400	2.2	4.84	730	14000	79	208	40	cl F	
VORT QBK POWER 18/18 1V 3	45322		230/400	3	6.47	820	14000	79	208	40	cl F	
VORT QBK POWER 18/18 1V 4	45323		230/400	4	8.26	820	16000	82	208	40	cl F	
VORT QBK POWER 18/18 1V 5.5	45324		230/400	5.5	11.03	820	16000	82	208	40	cl F	
VORT QBK POWER 560 1V 3	45325		230/400	3	6.47	600	18000	73	276	40	cl F	
VORT QBK POWER 560 1V 4	45326		230/400	4	8.26	670	20000	76	276	40	cl F	
VORT QBK POWER 560 1V 5.5	45327		230/400	5.5	11.03	770	22000	78	276	40	cl F	
VORT QBK POWER 560 1V 7.5	45328		230/400	7.5	14.64	790	22000	79	276	40	cl F	
VORT QBK POWER 630 1V 4	45329		230/400	4	8.26	460	22000	73	276	40	cl F	
VORT QBK POWER 630 1V 5.5	45330		230/400	5.5	11.03	600	27000	78	348	40	cl F	
VORT QBK POWER 630 1V 7.5	45331		230/400	7.5	14.64	670	30000	80	348	40	cl F	
VORT QBK POWER 630 1V 9.2	45332		230/400	9.2	17.85	670	30000	80	348	40	cl F	
VORT QBK POWER 630 1V 11	45333		230/400	11	20.64	700	30000	81	348	40	cl F	

NOTE: Operation at higher temperatures is also possible. At higher temperatures however, there is a drop in power (contact our technical-sales office).

* Sound pressure level measured at 1 m in free field conditions.



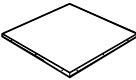
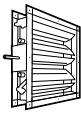



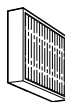
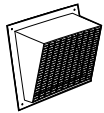
Models	Code	Speed N°	V ~ 50 Hz	kW nom.	A nom.	RPM	Max Airflow m³/h	Lp (dBA)* 1m max	Kg	Amb temp. max (°C)	Mot. Insul.	IP Motor
VORT QBK POWER 9/7 2V 0.55	45342	2	400	0.5-0.19	1.4-0.7	1520	2500	72	58	cl F	40	55
VORT QBK POWER 9/7 2V 0.75	45343		400	0.66-0.25	1.75-0.8	1490	2500	73	58	cl F	40	
VORT QBK POWER 9/9 2V 0.55	45345		400	0.5-0.19	1.4-0.7	1420	3500	72	62	cl F	40	
VORT QBK POWER 9/9 2V 0.75	45346		400	0.66-0.25	1.75-0.8	1590	3500	72	62	cl F	40	
VORT QBK POWER 9/9 2V 1.1	45347		400	1-0.3	2.5-1.2	1600	3500	73	62	cl F	40	
VORT QBK POWER 10/10 2V 0.55	45348		400	0.5-0.19	1.4-0.7	895	3500	72	83	cl F	40	
VORT QBK POWER 10/10 2V 0.75	45349		400	0.66-0.25	1.75-0.8	1050	4500	71	83	cl F	40	
VORT QBK POWER 10/10 2V 1.1	45350		400	1-0.3	2.5-1.2	1345	4500	73	83	cl F	40	
VORT QBK POWER 10/10 2V 1.5	45351		400	1.5-0.45	3.5-1.6	1360	4500	74	83	cl F	40	
VORT QBK POWER 12/12 2V 0.75	45352		400	0.66-0.25	1.75-0.8	735	5000	68	104	cl F	40	
VORT QBK POWER 12/12 2V 1.1	45353		400	1-0.3	2.5-1.2	1020	6000	71	104	cl F	40	
VORT QBK POWER 12/12 2V 1.5	45354		400	1.5-0.45	3.5-1.6	1150	7000	75	104	cl F	40	
VORT QBK POWER 12/12 2V 2.2	45355		400	2-0.6	4.5-2	1150	7000	76	104	cl F	40	
VORT QBK POWER 15/15 2V 1.1	45356		400	1-0.3	2.5-1.2	640	7000	70	139	cl F	40	
VORT QBK POWER 15/15 2V 1.5	45357		400	1.5-0.45	3.5-1.6	740	9000	73	139	cl F	40	
VORT QBK POWER 15/15 2V 2.2	45358		400	2-0.6	4.5-2	950	10000	77	139	cl F	40	
VORT QBK POWER 15/15 2V 3	45359		400	3-1	6.3-3.1	960	10000	78	139	cl F	40	
VORT QBK POWER 18/18 2V 1.5	45360		400	1.5-0.45	3.5-1.6	520	10000	72	208	cl F	40	
VORT QBK POWER 18/18 2V 2.2	45361		400	2-0.6	4.5-2	730	14000	79	208	cl F	40	
VORT QBK POWER 18/18 2V 3	45362		400	3-1	6.3-3.1	820	14000	79	208	cl F	40	
VORT QBK POWER 18/18 2V 4	45363		400	4.5-1.5	9.2-5.1	820	16000	82	208	cl F	40	
VORT QBK POWER 18/18 2V 5.5	45364		400	6-2	12-5.6	820	16000	82	208	cl F	40	
VORT QBK POWER 560 2V 3	45365		400	3-1	6.3-3.1	600	18000	73	276	cl F	40	
VORT QBK POWER 560 2V 4	45366		400	4.5-1.5	9.2-5.1	670	20000	76	276	cl F	40	
VORT QBK POWER 560 2V 5.5	45367		400	6-2	12-5.6	770	22000	78	276	cl F	40	
VORT QBK POWER 630 2V 4	45369		400	4.5-1.5	9.2-5.1	460	22000	73	348	cl F	40	
VORT QBK POWER 630 2V 5.5	45370		400	6-2	12-5.6	600	27000	78	348	cl F	40	
VORT QBK POWER 630 2V 11	45373		400	10.5-3.5	21-8.6	700	30000	81	348	cl F	40	

NOTE: Operation at higher temperatures is also possible. At higher temperatures however, there is a drop in power (contact our technical-sales office).

* Sound pressure level measured at 1 m in free field conditions.



PRODUCT ACCESSORIES

Models		Code	Product
	QBK RRC POWER 9/7 - 9/9 Rain guard	24215	45300 - 45301 - 45302 - 45303 - 45304 - 45305 - 45306 - 45307 - 45340 - 45341 - 45342 - 45343 - 45344 - 45345 - 45346 - 45347
	QBK RRC POWER 10/10 Rain guard	24216	45308 - 45309 - 45310 - 45311 45348 - 45349 - 45350 - 45351
	QBK RRC POWER 12/12 Rain guard	24217	45312 - 45313 - 45314 - 45315 - 45352 - 45353 - 45354 - 45355
	QBK RRC POWER 15/15 Rain guard	24218	45316 - 45317 - 45318 - 45319 - 45356 - 45357 - 45358 - 45359
	QBK RRC POWER 18/18 Rain guard	24219	45320 - 45321 - 45322 - 45323 - 45324 - 45360 45361 - 45362 - 45363 - 45364
	QBK RRC POWER 560 Rain guard	24220	45325 - 45326 - 45327 - 45328 - 45365 - 45366 - 45367 - 45368
	QBK RRC POWER 630 Rain guard	24221	45329 - 45330 - 45331 - 45332 - 45333 - 45369 - 45370 - 45371 - 45372 - 45373
	QBK VCD POWER 9/7 - 9/9 Adjustment shutter	24222	45300 - 45301 - 45302 - 45303 - 45304 - 45305 - 45306 - 45307 - 45340 - 45341 - 45342 - 45343 - 45344 - 45345 - 45346 - 45347
	QBK VCD POWER 10/10 Adjustment shutter	24223	45308 - 45309 - 45310 - 45311 45348 - 45349 - 45350 - 45351
	QBK VCD POWER 12/12 Adjustment shutter	24224	45312 - 45313 - 45314 - 45315 - 45352 - 45353 - 45354 - 45355
	QBK VCD POWER 15/15 Adjustment shutter	24225	45316 - 45317 - 45318 - 45319 - 45356 - 45357 - 45358 - 45359
	QBK VCD POWER 18/18 Adjustment shutter	24226	45320 - 45321 - 45322 - 45323 - 45324 - 45360 45361 - 45362 - 45363 - 45364
	QBK VCD POWER 560 Adjustment shutter	24227	45325 - 45326 - 45327 - 45328 - 45365 - 45366 - 45367 - 45368
	QBK VCD POWER 630 Adjustment shutter	24228	45329 - 45330 - 45331 - 45332 - 45333 - 45369 - 45370 - 45371 - 45372 - 45373
	QBK IG 9/7 - 9/9 Intake grille	24230	45300 - 45301 - 45302 - 45303 - 45304 - 45305 - 45306 - 45307 - 45340 - 45341 - 45342 - 45343 - 45344 - 45345 - 45346 - 45347
	QBK IG 10/10 Intake grille	24231	45308 - 45309 - 45310 - 45311 45348 - 45349 - 45350 - 45351
	QBK IG 12/12 Intake grille	24232	45312 - 45313 - 45314 - 45315 - 45352 - 45353 - 45354 - 45355
	QBK IG 15/15 Intake grille	24233	45316 - 45317 - 45318 - 45319 - 45356 - 45357 - 45358 - 45359
	QBK IG 18/18 Intake grille	24234	45320 - 45321 - 45322 - 45323 - 45324 - 45360 45361 - 45362 - 45363 - 45364
	QBK IG 560 Intake grille	24235	45325 - 45326 - 45327 - 45328 - 45365 - 45366 - 45367 - 45368
	QBK IG 630 Intake grille	24236	45329 - 45330 - 45331 - 45332 - 45333 - 45369 - 45370 - 45373
	QBK SS Safety micro-switch	24237	for all models
	QBK VDP 9 - 10 - 12 - 15 - 18 Variable pulley	24238	45300 - 45301 - 45302 - 45303 - 45304 - 45305 - 45306 - 45307 - 45340 - 45341 - 45342 - 45343 - 45344 - 45345 - 45346 - 45347
	QBK VDP 560 - 630 Variable pulley	24239	45325 - 45326 - 45327 - 45328 - 45329 - 45330 - 45331 - 45332 - 45333 - 45365 - 45366 - 45367 - 45368 - 45369 - 45370 - 45373
	QBK FS 9/7 - 9/9 Filtering section	24240	45300 - 45301 - 45302 - 45303 - 45304 - 45305 - 45306 45307 - 45342 - 45343 - 45345 - 45346 - 45347
	QBK FS 10/10 Filtering section	24241	45308 - 45309 - 45310 - 45311 45348 - 45349 - 45350 - 45351
	QBK FS 12/12 Filtering section	24242	45312 - 45313 - 45314 - 45315 - 45352 - 45353 - 45354 - 45355
	QBK FS 15/15 Filtering section	24243	45316 - 45317 - 45318 - 45319 - 45356 - 45357 - 45358 - 45359
	QBK FS 18/18 Filtering section	24244	45320 - 45321 - 45322 - 45323 - 45324 - 45360 45361 - 45362 - 45363 - 45364
	QBK FS 560 Filtering section	24245	45325 - 45326 - 45327 - 45328 - 45365 - 45366 - 45367 - 45368
	QBK FS 630 Filtering section	24246	45329 - 45330 - 45331 - 45332 - 45333 - 45369 - 45370 - 45372 - 45373
	QBK ABC 7/7 - 9/9 Filtering section	24200	45301 - 45302 - 45303 - 45304 - 45305 - 45306 - 45307 - 45342 45343 - 45345 - 45346 - 45347
	QBK ABC 10/10 - 12/12 Air cowling	24202	45308 - 45309 - 45310 - 45311 - 45348 - 45349 45350 - 45351 - 45312 - 45313 - 45314 - 45315 45352 - 45353 - 45354 - 45355

Accessories of cabinet QBK POWER cannot be ordered separately but only in association with them. The required accessories will be mounted directly on the cabinets prior to delivery.