

KVK Silent



- Speed-controllable
- Low sound level, full acoustic lined
- Integrated motor protection
- Simple to install

Acoustic Box fans

Casing

Casing from galvanised steel. 50 mm mineral wool acoustic and thermal insulation with a internal surface liner which prevents the migration of fibres into the airstream.

Motor

Speed-controllable external rotor motors.

Impeller geometry

Radial impeller with backward curved blades.

Output control

Speed-controllable via stepless thyristor or 5-stage transformer.

Motor protection

Integrated thermal contacts with manual reset in accordance with EN60335-2-80.

You can find more information in our online catalogue on www.systemair.com

Accessories



CBM
Duct heater
Page 370



FFR
Filter cassette
Page 367



FGR
Filter cassette
Page 366



FK
Fast clamp
Page 364



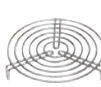
IGC-LI
Intake grid
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LDC
Silencer
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RSK
Back draft damper
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SG
Protection guard
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VK
Louvre shutter
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CB / CBM
Electr. duct heater
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VKK
Back draft damper
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VBC / VBF
Water heating battery
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Electrical accessories



RE / REU
Speed control
Page 332

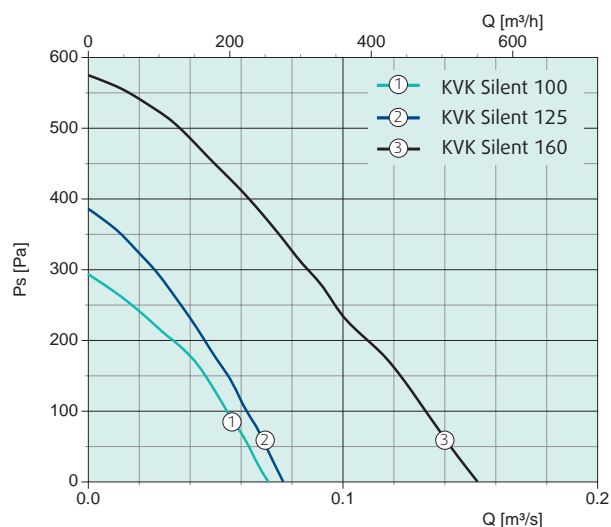


REE
Speed control
Page 333

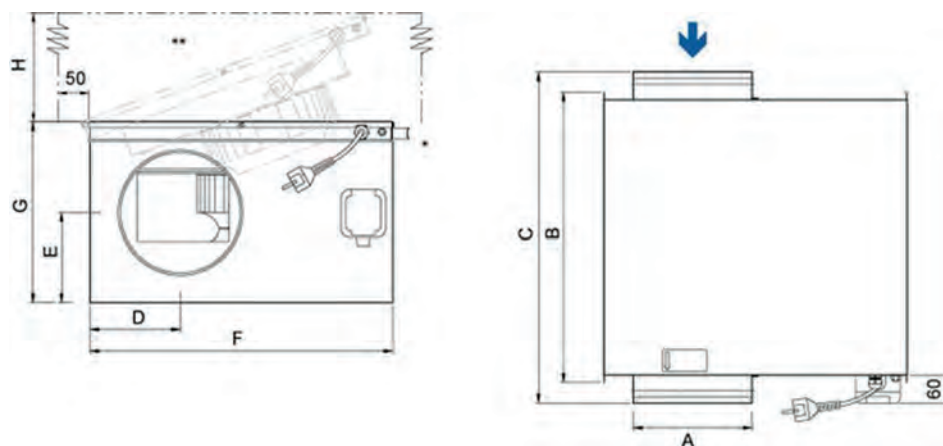


REV
On/off switch
Page 360

Quick selection



Dimensions



KVK Silent	A	B	C	D	E	F	G	H
KVK Silent 100	100	443	479	125	128	442	246	470
KVK Silent 125	125	433	479	125	128.5	442	246	470
KVK Silent 160	160	482	528	145.5	132.5	505	266	530

Technical data

KVK Silent		KVK Silent 100	KVK Silent 125	KVK Silent 160
Art. no.		92158	92159	92160
Voltage	V	1x230	1x230	1x230
Frequency	Hz	50	50	50
Input power (P1)	W	54.6	46.4	88.4
Current	A	0.238	0.204	0.402
Max. temperature of transported air	°C	70	70	70
* when speed-controlled	°C	70	70	70
Sound pressure level (1 m)*	dB(A)	31.2	26.8	32.9
Sound pressure level (3 m)*	dB(A)	21.7	17.3	23.4
Weight	kg	13.5	13.5	17.2
Insulation class		B	B	F
Capacitor	µF	1.5	1.5	2.5
Motor protection		Integral	Integral	Integral
Speed control, five-step ⁽¹⁾	Transf.	RE 1.5	RE 1.5	RE 1.5
Speed control, five-step high/low ⁽¹⁾	Transf.	REU 1.5	REU 1.5	REU 1.5
Speed control, stepless ⁽¹⁾		REE 1	REE 1	REE 1

(*) Free field conditions

(**) Only for use outside the EEA (European Economic Area), see Ecodesign regulation 327/2011

(1) Systemair recommendation.

KVK Silent

Acoustic Box fans



- Speed-controllable
- Low sound level, full acoustic lined
- Integrated motor protection (size 100-315)
- Simple to install

Casing

Casing from Aluzinc in corrosion class C4. 50 mm mineral wool acoustic and thermal insulation with an internal surface liner which prevents the migration of fibres into the airstream.

Motor

Speed-controllable external rotor motors.

Impeller geometry

Radial impeller with backward curved blades.

Output control

Speed-controllable via stepless thyristor or 5-step transformer.

Motor protection

Integrated thermal contacts with manual reset in accordance with EN60335-2-80.

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Accessories



CBM
Duct heater
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Filter cassette
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FK
Fast clamp
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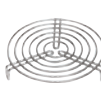
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Electrical accessories



RE / REU
Speed control
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REE
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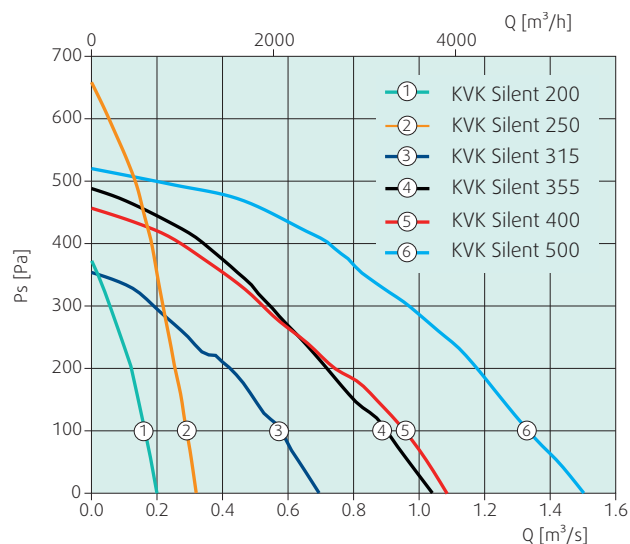


REV
On/off switch
Page 360

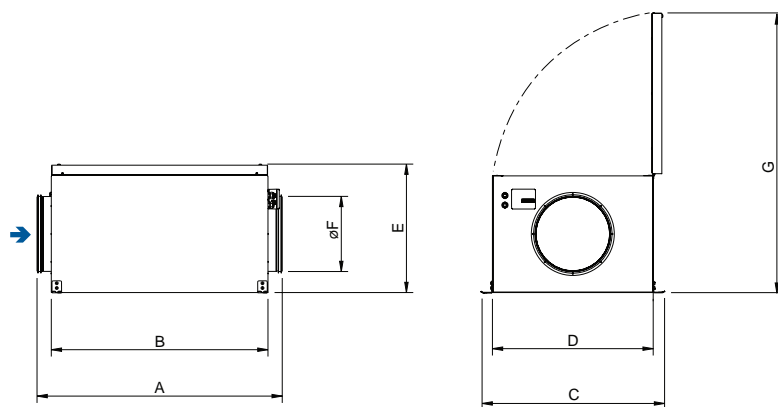


FRQ
Frequency inverter
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Quick selection



Dimensions



KVK Silent	A	B	C	D	E	øF	G
KVK Silent 200	682	604	596	500	352	200	810
KVK Silent 250	836	720	630	533	382	250	872
KVK Silent 315	1022	906	768	672	536	315	1165
KVK Silent 355	1041	922	952	848	578	355	1383
KVK Silent 400	1082	922	952	848	578	400	1383
KVK Silent 500	1292	1134	940	850	680	500	1486

Technical data

KVK Silent		KVK Silent 200	KVK Silent 250	KVK Silent 315
Art. no.		92161	92162	92163
Voltage	V	1x230	1x230	1x230
Frequency	Hz	50	50	50
Input power (P1)	W	105	238	262
Current	A	0.465	1.04	1.26
Max. temperature of transported air	°C	70	70	70
* when speed-controlled	°C	70	70	70
Sound pressure level (1 m)*	dB(A)	36	43.4	43.5
Sound pressure level (3 m)*	dB(A)	26.5	33.9	34
Weight	kg	21.1	29.1	61.7
Insulation class		F	F	F
Capacitor	µF	2.5	6	5
Motor protection		integral	integral	integral
Speed control, five-step ⁽¹⁾	Transf.	RE 1.5	RE 1.5	RTRE 1.5
Speed control, five-step high/low ⁽¹⁾	Transf.	REU 1.5*	REU 1.5*	REU 1.5*
Speed control, stepless ⁽¹⁾		REE 1*	REE 2*	REE 2*

KVK Silent		KVK Silent 355	KVK Silent 400	KVK Silent 500
Art. no.		92164	92165	92166
Voltage	V	1x230	1x230	1x230
Frequency	Hz	50	50	50
Input power (P1)	W	478	476	767
Current	A	2.33	2.33	3.37
Max. temperature of transported air	°C	70	70	70
* when speed-controlled	°C	70	70	70
Sound pressure level (1 m)*	dB(A)	38.5	37.4	48.7
Sound pressure level (3 m)*	dB(A)	29	27.9	39.2
Weight	kg	78	77	101
Insulation class		F	F	F
Capacitor	µF	10	10	16
Motor protection		S-ET 10	S-ET 10	S-ET 10
Speed control, five-step ⁽¹⁾	Transf.	RTRE 3	RTRE 3	RTRE 5
Speed control, five-step high/low ⁽¹⁾	Transf.	REU 3 ⁽²⁾	REU 3 ⁽²⁾	REU 5 ⁽²⁾
Speed control, stepless ⁽¹⁾		REE 4 ⁽²⁾	REE 4 ⁽²⁾	REE 4 ⁽²⁾

(*) Free field conditions

(**) Only for use outside the EEA (European Economic Area), see Ecodesign regulation 327/2011

⁽¹⁾ Systemair recommendation.

⁽²⁾ + S-ET 10