

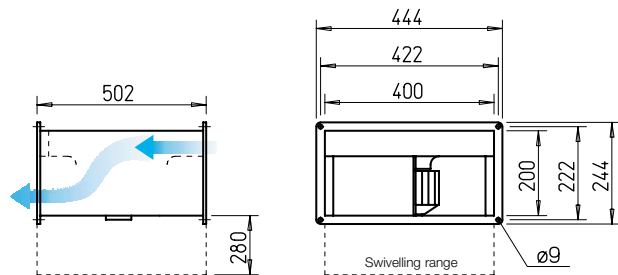
**KV 200**



**Efficiency class**

**D** KVV 200/4/40/20 + accessories\*

**Dimensions KV 200**



Dim. in mm

**Centrifugal rectangular duct fans with forward curved impeller blades. Retractable motor-impeller unit.**

- Low-noise impeller in optimised volute casing for high delivery pressures.
- Compact, flat design for versatile use in extract air and intake air systems in commercial and industrial buildings.

**Description**

■ **Casing**

Double-sided standardised rectangular duct flange profiles, made of galvanised steel sheet, space-saving design.

- Particularly easy to service (cleaning) due to retractable motor-impeller unit.

■ **Impeller**

Forward curved impeller made of galvanised steel, good level of efficiency, low noise, aerodynamically optimised volute casing; inlet via nozzle.

■ **Drive**

Through maintenance-free external rotor motor on which the impeller is mounted. Closed design, IP44. Winding with moisture proof coating. Ball bearing mounted, radio interference-free. Dynamic balancing and flexible motor mount for low-vibration and low-noise operation.

■ **Electrical connection**

Terminal box (IP55 for 3~ or 44 for 1~ types) mounted to external cable.

■ **Motor protection**

Type KVV through thermal contacts connected in series with the winding, automatically resets. Type KVD through built-in thermal contacts which must be connected to a motor protection circuit breaker.

■ **Power control**

Possible through voltage reduction by means of 5-step transformer or electronic (continuously variable) controller. The performances at corresponding voltages are shown in the performance diagram.

■ **Noise**

The total level and range are specified above the performance diagram for:

- Case-radiated sound power
- Inlet side sound power
- Outlet side sound power

The inlet side sound power level is also specified above the control voltages in the performance diagram.

- The case-radiated noise as sound pressure at 4 m (free field conditions) is also specified in the type table.

■ **Installation**

Installation possible in any position. Note accessibility/swivelling range.

■ **Reference**

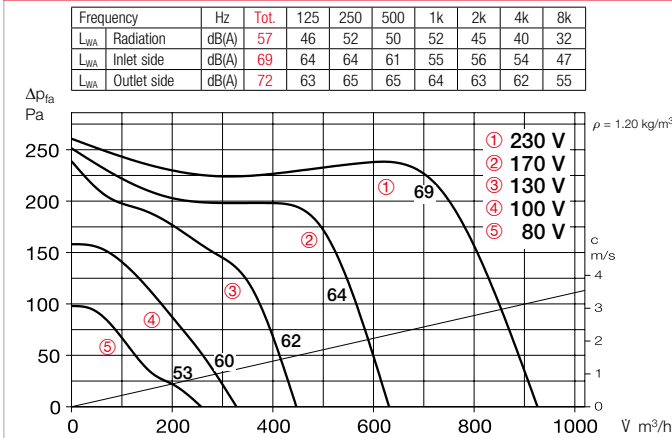
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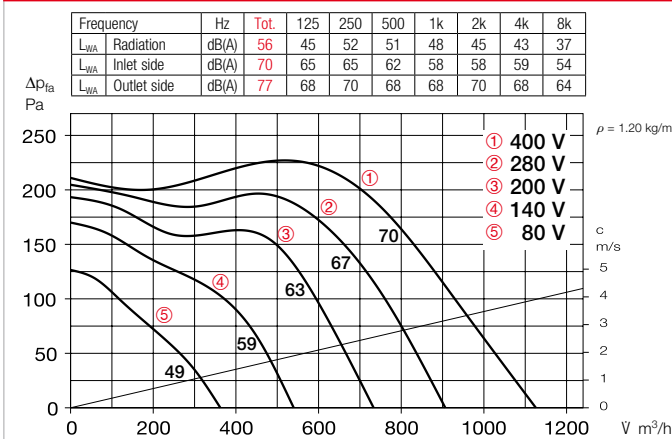
Type	Ref. no.	Flow rate max.	Rated speed	Sound press. case-radiation	Power consumption		Wiring diagram	Max. air flow temperature at		Wgt net aprx.	Speed controller 5-step				Motor protection circuit breaker for connection of built-in thermal contacts	
					kW	A		Rat. vol.	Control		kg	without motor prot. circ. brea.	with motor prot. circ. brea.	Type	Ref. no.	Type
		V m³/h	min⁻¹	dB(A) in 4 m			No.	+ °C	+ °C		Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
<b>Alternating current, 230 V, 50 Hz, Capacitor motor, protection category IP44</b>																
KVV 200/4/40/20	05675	925	810	37	0.21	0.95	0508	40	40	11	TSW 1.5	01495	—	—	—	—
<b>Three-phase current motor, 230/400 V, 50 Hz, protection category IP44</b>																
KVD 200/4/40/20	05676	1130	1260	36	0.25	0.82/0.47	0860	70	70	8.6	TSD 0.8	01347	RDS 1	01314	MD	05849

\* See ErP product data sheet at [www.HeliosSelect.de](http://www.HeliosSelect.de).

**Performance curves KVV 200/4/40/20**



**Performance curves KVD 200/4/40/20**



**Accessory details Page**

Shutters and weather prot. grille	482, 563 ff.
Filters, heating elements and silencers	483 ff.
Temperature control systems for heating elements	489, 494 f.
Speed controllers and motor protection circuit breakers	601 ff.

**Accessories**

**External wall shutter**  
**VK 40/20** Ref. no. 00874  
 Automatic overpressure shutter made of light grey plastic.



**Weather protection grille**  
**WSG 40/20** Ref. no. 00109  
 Stable construction made of extruded aluminium profiles, natural colour anodised.



**Multi-leaf damper for rectangular duct installation**  
**JVK 40/20** Ref. no. 06910  
 Frame casing with double-sided flanges, positioning mechanism outside of air flow. Electrical drive see STM, Accessories.



**Fitting**  
**FSK 40/20** Ref. no. 00832  
 For cost-effective integration of rectangular duct fans in round duct systems with Ø 200 mm.



**Flexible connector**  
**VS 40/20** Ref. no. 05694  
 Flexible rectangular duct connector with double-sided flange frame.



**Counter flange**  
**GF 40/20** Ref. no. 06919  
 Flange frame made of galvanised steel sheet for connection to the rectangular duct.



**Rectangular duct silencer**  
**KSD 40/20** Ref. no. 08728  
 For outlet and inlet side insertion in the rectangular duct system.



**Rectangular duct air filter**  
**KLF 40/20 Coarse 70%\*** 08720  
**KLF 40/20 ePM1 50%\*** 08644  
 With large bag filter. Galvanised steel sheet casing with double-sided flanges.



**Electric heating element**  
**EHR-K 6/40/20** No. 08702  
**EHR-K 15/40/20** No. 08703  
 Closed tubular heating element in galvanised steel sheet casing with double-sided connection flanges.



**Temperature control system for electric heating element**  
**EHSD 16** Ref. no. 05003



**Warm water heating element**  
**WHR 2/40/20** No. 08782  
**WHR 4/40/20** No. 08783  
 For installation in rectangular duct system.



**Temperature control system for warm water heating element**  
**WHS HE** Ref. no. 08319



\* See product page 477 for detailed description.