

RVK 315Y4

- In accordance with ATEX directive 94-9 EC
- Speed controllable
- Can be installed in any position
- Motorprotection over cold conductor

The RVK fans are designed for installation in ducts. The fans have backward curved blades and external rotor motors.

The RVK 315 Y4 can be controlled by reducing voltage via 5-step controller in combination with the Systemair Standard tripping unit U-EK230E EX. The fans is supplied with flying leads.

The RVK 315Y4 fan complies with the ATEX regulation. The fans can be used for zone 1 and zone 2; Field of application II, for gases of groups IIA and IIB, temperature class T1, T2 and T3. The casing is made from conducting plastic. The fans are certified under the no ZELM 03 ATEX 0198x.

Improved safety in accordance with Ex e II T3.

Attention: Motor protection device U-EK230E EX must always be connected.

ELECTRICAL ACCESSORIES



U-EK 230E EX
p. 338



R-DK4 KT
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EX e p. 339

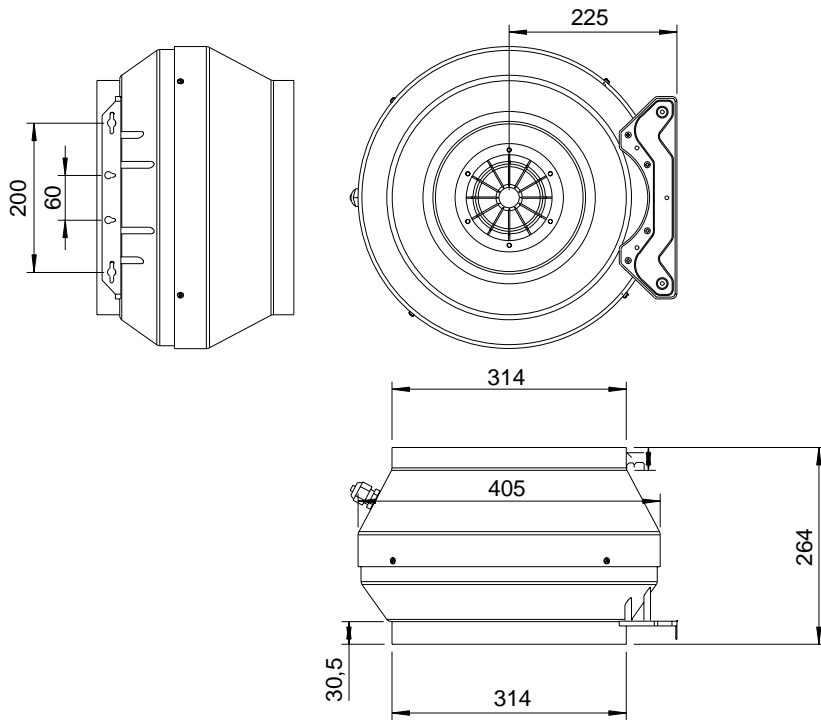
The explosion proof terminal box is supplied as an accessory to the RVK 315Y4, ordered seperately.



TECHNICAL DATA

RVK		315Y4				
Art no.		30271				
Voltage/Frequency	V/50 Hz	400 3~				
Power	W	90				
Current	A	0.25				
Max air flow	m ³ /s	0.311				
R.p.m.	min ⁻¹	1385				
Max temp. of transported air	°C	40				
" when speed controlled	°C	40				
Sound pressure level at 4/10 m	dB(A)	41.2				
Weight	kg	6.7				
Insulation class, motor		B				
Enclosure class, motor		IP 44				
Motor protection		U-EK230E EX				
Certificate		ZELM 03 ATEX 0198X				
Wiring diagram p. 391-400		43				

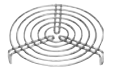
DIMENSIONS



VENTILATION ACCESSORIES

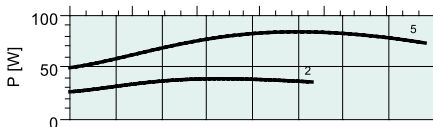
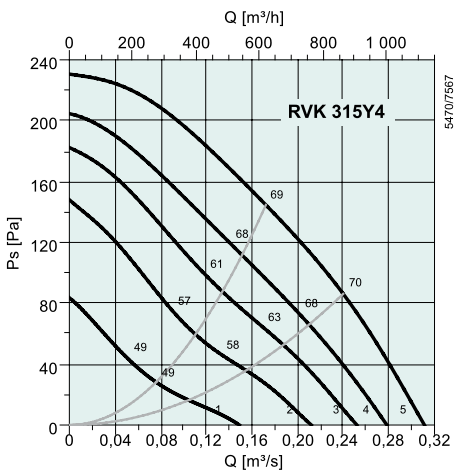


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PERFORMANCE



dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	67	44	61	62	61	58	55	54	45
L _{WA} Outlet	68	49	61	62	60	60	57	55	45
L _{WA} Surrounding	48	18	27	36	44	44	39	34	25

Measurement point: 0,172 m³/s; 145 Pa

Explosion proof fans