

RVK- Plastic Tube Fan

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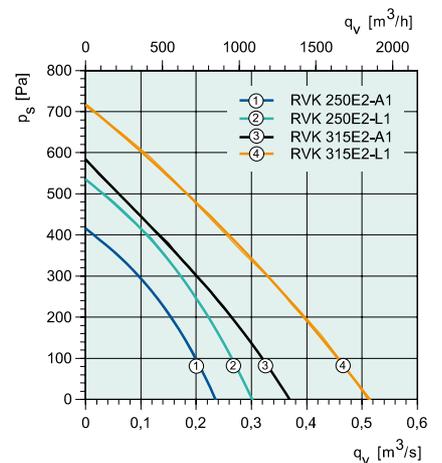
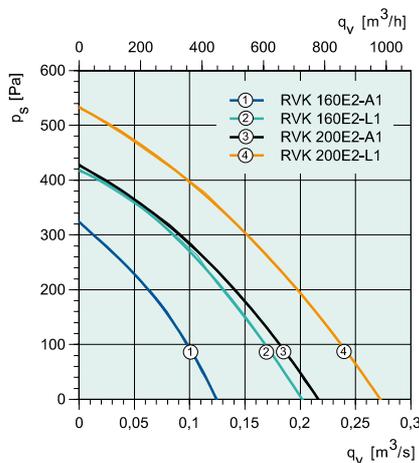
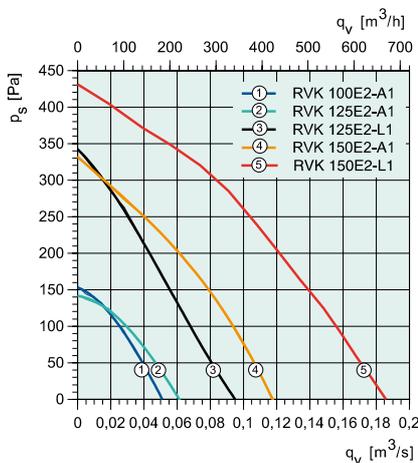
- Speed-controllable
- Integral thermal contacts
- Can be installed in any position
- Inclusive mounting bracket
- Maintenance-free and reliable

The RVK series is designed for installation in ducts. The casing is manufactured from PA6 fibreglass reinforced plastic which gives the fan a low leakage casing. Duct connected wet room applications of the fan are possible due to the air tight casing and the IP 44 rated terminal box. The fans have backward-curved blades and external rotor motors. The FK mounting clamp facilitates easy installation and removal, and prevents the transfer of vibration to the duct. The fans can be speed-controlled via a stepless thyristor or a 5-step transformer. The RVK fans have integral thermal contacts with automatic reset.

Fan Performance & Electrical Details

Model	SFP* (kW/m <sup>3</sup> /s)	Air Volume (m <sup>3</sup> /s) @ Static Pressure (Pa)						Motor Data			Speed Controllers		dBA @ 3m
		50	100	150	200	250	300	RPM	Watts	FLC	Electronic	Transformer	
RVK 100 E2-A1	1.1	0.038	0.024	-	-	-	-	2480	29	0.17	REE 1	RE 1.5	34
RVK 125 E2-A1	0.94	0.049	0.028	-	-	-	-	2468	29	0.17	REE 1	RE 1.5	38
RVK 125 E2-L1	1.33	0.08	0.067	0.054	0.043	0.03	0.015	2436	61	0.26	REE 1	RE 1.5	43
RVK 150 E2-A1	0.92	0.106	0.093	0.079	0.062	0.04	0.015	2430	58	0.26	REE 1	RE 1.5	43
RVK 150 E2-L1	1.16	0.171	0.155	0.139	0.122	0.101	0.083	2430	112	0.5	REE 1	RE 1.5	43
RVK 160 E2-A1	0.85	0.11	0.097	0.097	0.062	0.035	0.013	2530	58	0.26	REE 1	RE 1.5	48
RVK 160 E2-L1	1.08	0.186	0.168	0.15	0.13	0.11	0.087	2530	112	0.5	REE 1	RE 1.5	48
RVK 200 E2-A1	0.9	0.2	0.181	0.161	0.14	0.12	0.09	2550	107	0.47	REE 1	RE 1.5	45
RVK 200 E2-L1	1.13	0.25	0.23	0.22	0.19	0.17	0.15	2580	160	0.71	REE 1	RE 1.5	46
RVK 250 E2-A1	0.85	0.21	0.2	0.178	0.154	0.13	0.096	2546	109	0.47	REE 1	RE 1.5	48
RVK 250 E2-L1	1.03	0.283	0.264	0.244	0.221	0.20	0.173	2595	159	0.7	REE 1	RE 1.5	44
RVK 315 E2-A1	0.87	0.345	0.319	0.292	0.263	0.24	0.202	2387	176	0.77	REE 1	RE 1.5	40
RVK 315 E2-L1	1.24	0.48	0.45	0.43	0.4	0.36	0.328	2433	318	1.39	REE 2	RE 1.5	45

\* measured @ maximum efficiency point

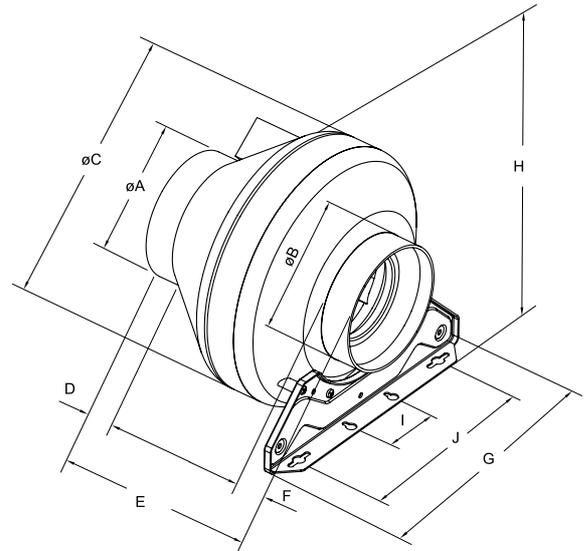


Accessories



**RVK-Fan Dimensions**

Model	A	B	C	D	E	F	G	H	I	J	kg
RVK100E2-A1	99	99	251	30	230	30	271.5	265	60	200	2
RVK125E2-A1	124	124	251	30	230	30	271.5	265	60	200	2
RVK125E2-L1	124	124	251	30	230	30	271.5	265	60	200	2
RVK150E2-A1	149	149	340.5	30	230	30	271.5	360	60	200	3
RVK150E2-L1	149	149	340.5	30	230	30	271.5	360	60	200	5
RVK160E2-A1	159	159	340.5	30	230	30	271.5	360	60	200	3
RVK160E2-L1	159	159	340.5	30	230	30	271.5	360	60	200	5
RVK200E2-A1	199	199	340.5	30	230	30	271.5	360	60	200	4
RVK200E2-L1	199	199	340.5	30	250	30	271.5	360	60	200	5
RVK250E2-A1	249	249	340.5	30	230	30	271.5	360	60	200	5
RVK250E2-L1	249	249	340.5	30	250	30	271.5	360	60	200	6
RVK315E2-A1	315	315	405	30	275	30	271.5	430	60	200	6
RVK315E2-L1	315	315	405	30	275	30	271.5	430	60	200	8



**RVK-Fan Sound Data**

RVK 100 E2 A1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	39	57	57	57	51	44	39	27	62
Outlet	42	52	52	51	47	44	40	28	57
Surrounding	1	11	30	37	37	34	25	14	42

RVK 200 E2 A1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	43	58	61	66	62	61	60	48	70
Outlet	45	58	62	65	59	60	60	48	69
Surrounding	17	26	26	49	44	44	42	27	52

RVK 125 E2 A1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	36	56	57	60	52	46	41	33	63
Outlet	36	54	57	53	50	47	42	33	60
Surrounding	12	15	28	42	38	36	27	28	45

RVK 200 E2 L1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	49	64	67	68	63	61	58	49	73
Outlet	48	64	69	65	62	63	58	49	73
Surrounding	14	27	36	51	47	45	38	28	53

RVK 125 E2 L1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	46	65	64	65	59	56	53	42	70
Outlet	54	63	64	65	58	56	54	44	69
Surrounding	22	36	36	48	43	44	36	24	51

RVK 250 E2 A1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	42	58	60	64	62	61	60	50	69
Outlet	46	57	62	63	59	62	62	50	69
Surrounding	15	30	40	52	51	42	40	29	55

RVK 150 E2 A1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	42	61	66	64	59	56	54	43	70
Outlet	44	60	66	59	58	53	51	42	68
Surrounding	22	32	42	52	48	44	38	28	55

RVK 250 E2 L1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	49	65	66	65	62	59	57	49	71
Outlet	52	63	71	63	61	62	59	50	73
Surrounding	19	40	37	48	45	42	38	26	51

RVK 150 E2 L1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	42	67	67	71	62	57	58	48	74
Outlet	43	67	69	67	59	55	57	48	73
Surrounding	19	35	38	56	49	45	42	29	57

RVK 315 E2 A1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	43	56	62	63	62	60	62	56	69
Outlet	45	58	61	65	61	62	63	55	70
Surrounding	12	24	37	45	41	39	37	28	48

RVK 160 E2 A1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	40	58	66	63	60	56	54	43	69
Outlet	39	58	64	56	58	53	53	42	66
Surrounding	23	18	38	46	45	43	37	29	50

RVK 315 E2 L1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	47	62	66	68	64	64	66	59	73
Outlet	47	63	66	68	66	67	67	59	74
Surrounding	17	29	40	49	44	44	44	35	52

RVK 160 E2 L1	Sound power (Lw) dB(A)								
	Mid frequency band								Tot
	63	125	250	500	1k	2k	4k	8k	
Inlet	41	62	63	68	63	59	60	50	72
Outlet	42	63	65	64	60	58	59	49	70
Surrounding	18	35	31	53	47	45	43	33	55



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