

## Rectangular duct fans, swing-out

### KE/KT

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

The KE/KT models have impellers with forward-curved blades and external rotor motors. The casing is manufactured from galvanised sheet steel.

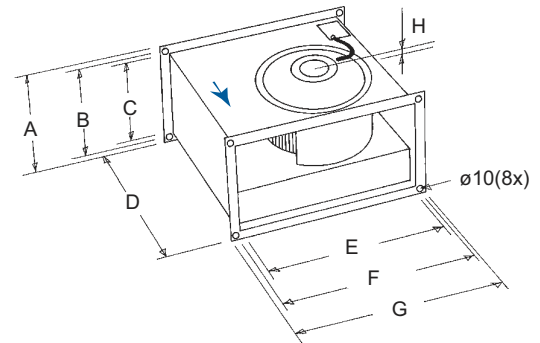
To protect the motor from overheating the fans have integral thermal contacts with external leads for connection to a motor protection device.

The fans can be installed in any position and are easy to connect using the DS flexible connections. The KE/KT fans have a pre-wired, integral terminal box.

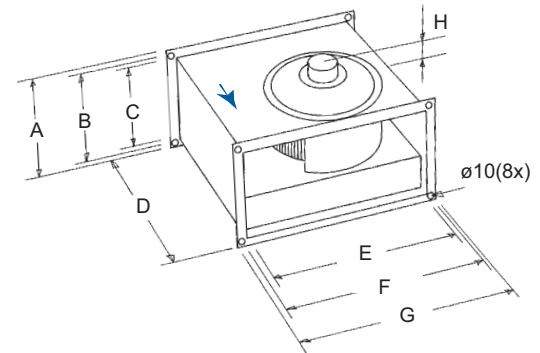
#### Tip

Perfect for false ceilings applications.

KE	A	c/c B	C	D	E	c/c F	G	H
40-20-4	240	220	198	502	398	420	440	28
50-25-4	290	270	248	532	498	520	540	30
50-30-4	340	320	298	562	498	520	540	32
60-30-4	340	320	298	642	598	620	640	47

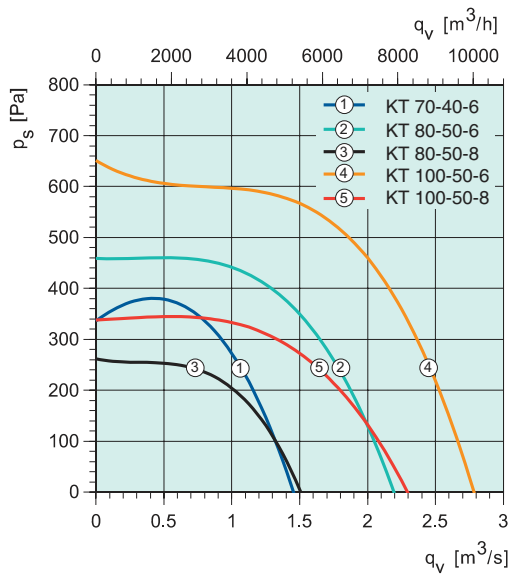
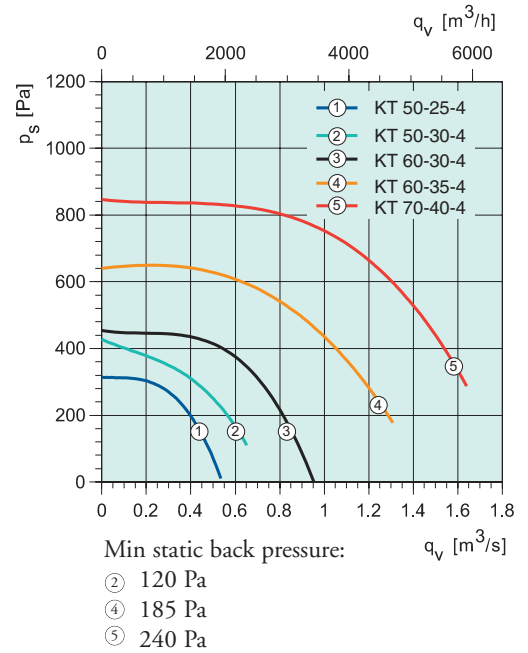
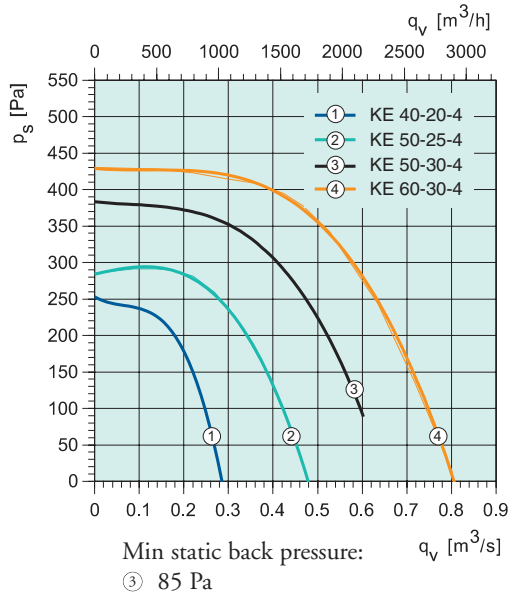


KT	A	c/c B	C	D	E	c/c F	G	H
50-25-4	290	270	248	532	498	520	540	64
50-30-4	340	320	298	562	498	520	540	66
60-30-4	340	320	298	642	598	620	640	88
60-35-4	390	370	348	717	598	620	640	83
70-40-4	440	420	398	787	698	720	740	94
70-40-6	440	420	398	787	698	720	740	74
80-50-6	540	520	497	880	798	820	840	96
80-50-8	540	520	497	880	798	820	840	96
100-50-6	540	520	497	980	998	1020	1040	100
100-50-8	540	520	497	980	998	1020	1040	100



KE		40-20-4	50-25-4	50-30-4	60-30-4	KT 50-25-4	50-30-4	60-30-4
Voltage/Frequency	V/50 Hz	230~	230~	230~	230~	400 3~	400 3~	400 3~
Power	W	230	530	819	1231	550	800	1360
Current	A	1.00	2.51	3.67	5.40	0.95	1.41	2.36
Maximum air flow	m³/h	930	1725	2160	2915	1925	2170	3430
R.p.m	min <sup>-1</sup>	1205	1300	1195	1340	1295	1270	1280
Max temp. of transported air	°C	40	70	55	55	40	40	40
Sound pressure level at 3 m* dB(A)		55	56	59	62	55	57	58
Weight	kg	12	18	21	28	17	21	29
Enclosure class, motor	IP	44	54	54	54	54	54	54
Capacitor	µF	6	6	6	6	-	-	-

\*  $L_{wA}-7$  dB(A) =  $L_{pA}$  at 20 m<sup>2</sup> Sabine and 3 m distance to the fan. ( $L_{wA}$  = Sound power level,  $L_{pA}$  = Sound pressure level)



## Speed controllers

	Transformer	Thyristor	Motor protection
KE 40-20-4	RTRE 1.5/REU 1.5	REE 1	S-ET 10
KE 50-25-4	RTRE 3/REU 3	REE 4	S-ET 10
KE 50-30-4	RTRE 5/REU 5	REE 4	S-ET 10
KE 60-30-4	RTRE 7/REU 7	-	S-ET 10
KT 50-25-4	RTRD 2/RTRDU 2	-	STDT 16
KT 50-30-4	RTRD 2/RTRDU 2	-	STDT 16
KT 60-30-4	RTRD 4/RTRDU 4	-	STDT 16
KT 60-35-4	RTRD 7/RTRDU 7	-	STDT 16
KT 70-40-4	RTRD 7/RTRDU 7	-	STDT 16

Other accessories, page 50.

KT		60-35-4	70-40-4	70-40-6	80-50-6	80-50-8	100-50-6	100-50-8
Voltage/Frequency	V/50 Hz	400 3~	400 3~	400 3~	400 3~	400 3~	400 3~	400 3~
Power	W	2460	3616	1628	2670	1140	3810	2290
Current	A	4.12	6.04	3.00	4.91	2.40	6.79	4.67
Maximum air flow	m <sup>3</sup> /h	4715	5905	5270	7550	5380	8895	8260
R.p.m	min <sup>-1</sup>	1250	1295	805	840	555	835	615
Max temp. of transported air	°C	45	40	50	60	40	40	40
Sound pressure level at 3 m*	dB(A)	61	66	56	60	59	62	58
Weight	kg	38	60	43	70	63	95	95
Enclosure class, motor	IP	54	54	54	54	54	54	54
Capacitor	μF	-	-	-	-	-	-	-