



APPLICATION

Centrifugal fans because of their design and low noise level are dedicated to work in:

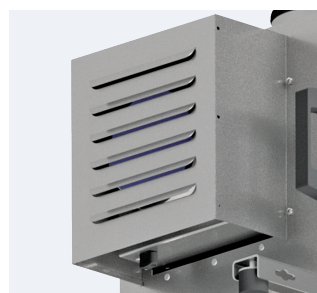
- Kitchen extractors,
- Hoods in small gastronomic points,

CONSTRUCTION

- Centrifugal fans with direct drive,
- Galvanized steel housing, soundproofed and thermally insulated with a mat in A1 fire resistance class, 50mm thick,
- impellers in models 160 to 280 with forward-tilted blades type F, welded from galvanized steel sheet, in models 315 and 355 with back-tilted blades welded from aluminum sheet,
- Dynamically balanced impellers,
- Motor with impeller mounted on the hinged door, ensuring easy access to interior of the fan and maintenance,
- Motor cover made of galvanized steel,
- The fan has handles on which the fan can be placed,
- Vibro-isolators as standard,
- The fan on suction and discharge side is equipped with connecting stubs with rubber gaskets,
- the fan is designed for outdoor use, for installation on roofs and facades.

MOTOR

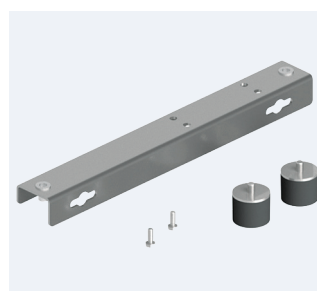
- EC motor equipped with a 0-10VDC control input for smooth speed control,,
- Insulation class - F,
- Protection level - IP54,
- Power supply: - three-phase 400V 50/60Hz or - single-phase 230V 50/60Hz (depending on the fan model and motor power).



Motor shield



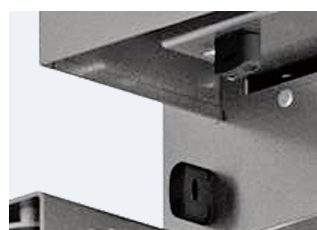
Hinged door



Universal brackets with vibration isolators



Drain for draining condensate / grease



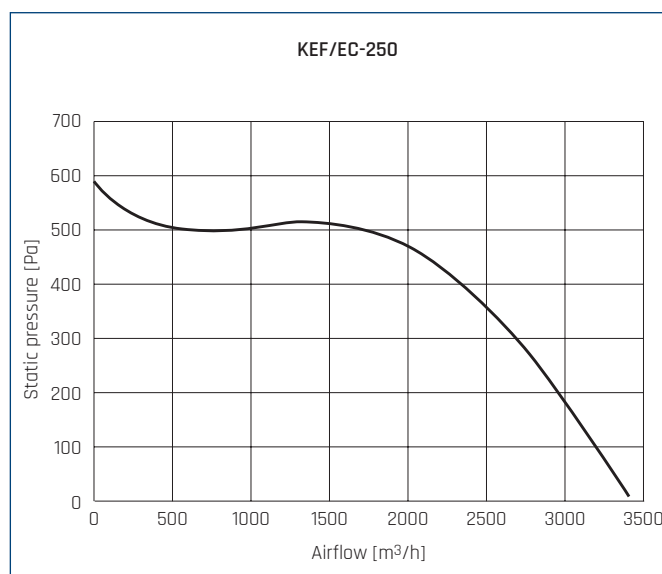
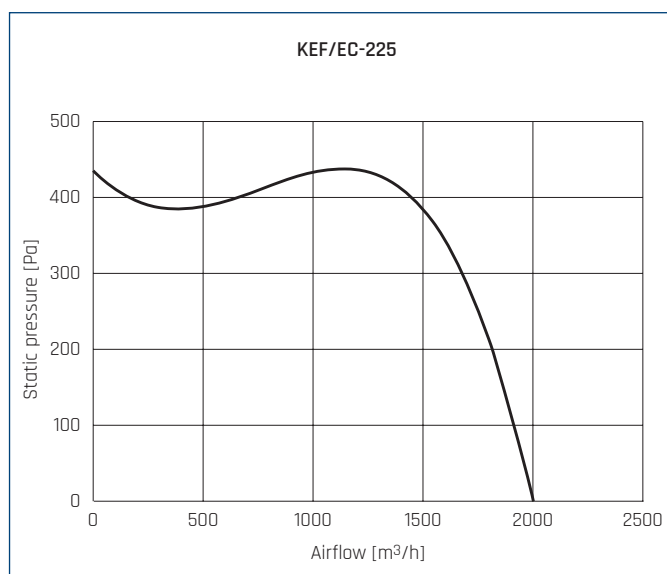
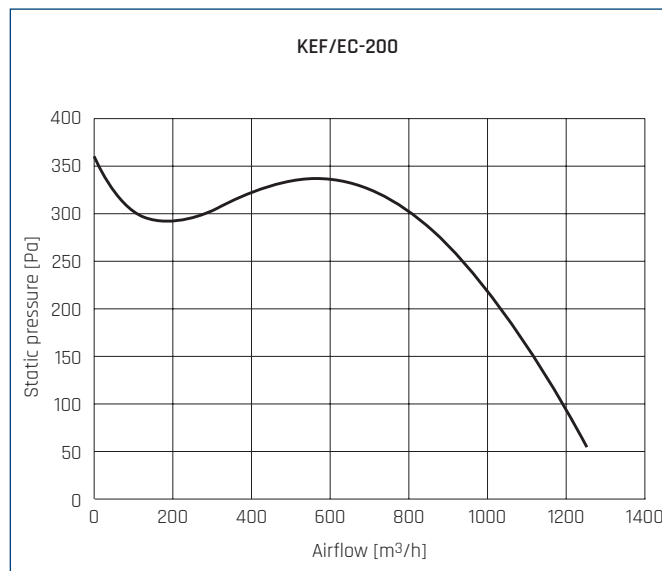
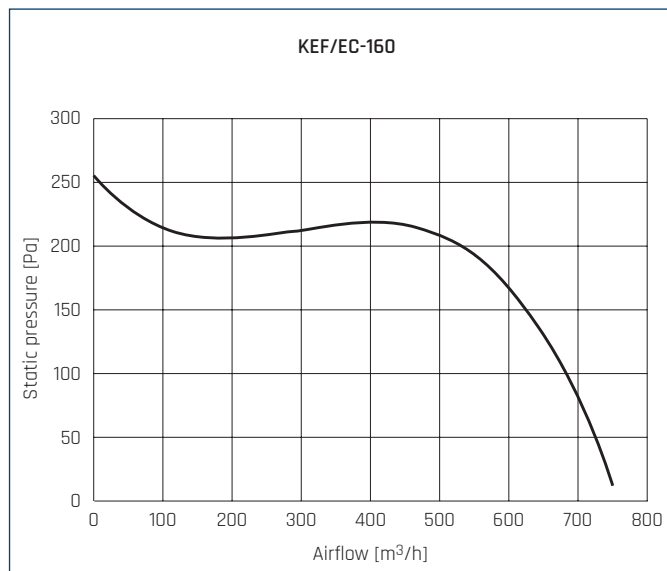
Cable holders



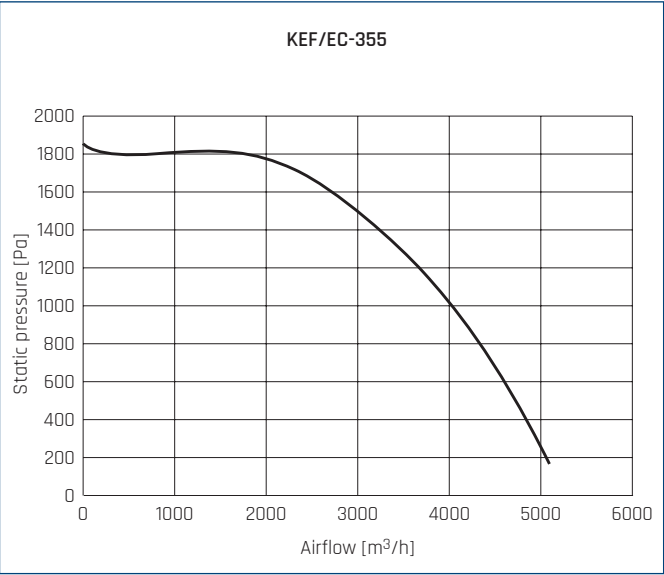
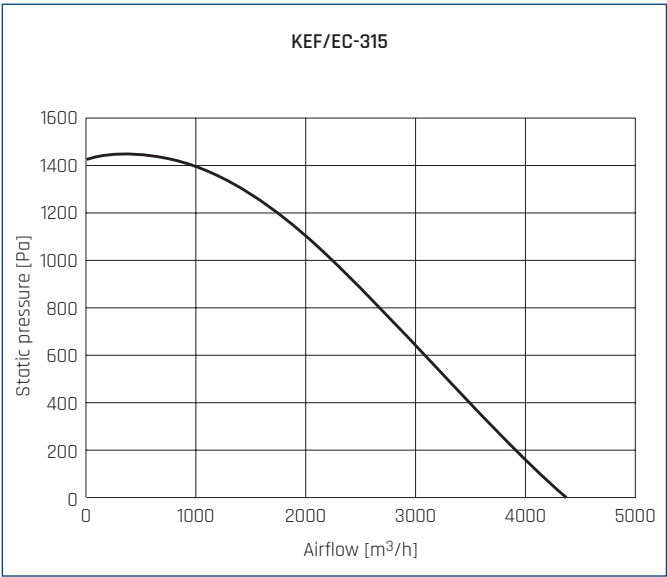
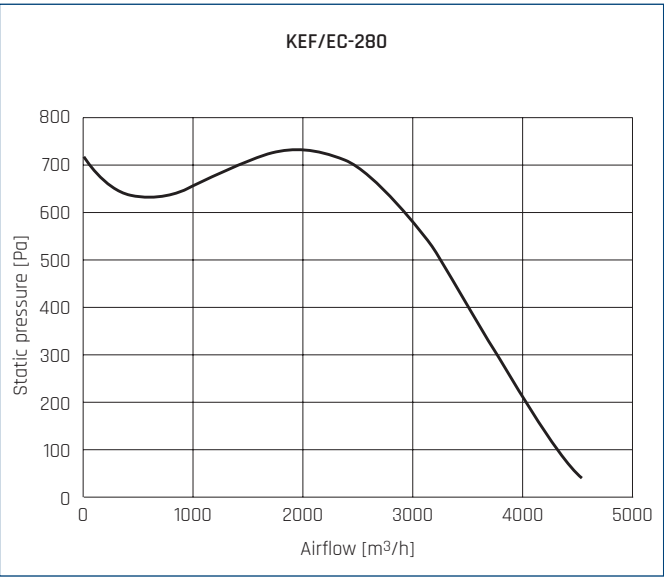
TECHNICAL CHARACTERISTICS

Type	airflow max	pressure max	motor power	speed	current	voltage	sound pressure level	weight	article number
	[m³/h]	[Pa]	[kW]	[r.p.m.]	[A]	[V]	[dB(A)]	[kg]	
KEF/EC-160/75-105S	800	250	1,05	1500	5,2	230	59	31	45013006
KEF/EC-160/75-115T	800	250	1,15	1500	2,6	400	59	32	45013016
KEF/EC-200/74-105S	1250	300	1,05	1500	5,2	230	62	40	45013026
KEF/EC-200/74-115T	1250	300	1,15	1500	2,6	400	62	40	45013036
KEF/EC-225/104-105S	2000	380	1,05	1500	5,2	230	64	43	45013046
KEF/EC-225/104-115T	2000	380	1,15	1500	2,6	400	64	43	45013056
KEF/EC-250/114-105S	2700	500	1,05	1500	5,2	230	66	48	45013066
KEF/EC-250/114-115T	2700	500	1,15	1500	2,6	400	66	48	45013086
KEF/EC-280/102-105S	3500	600	1,05	1500	5,2	230	71	57	45013096
KEF/EC-280/102-115T	3500	600	1,15	1500	2,6	400	71	56	45013106
KEF/EC-315/102-135S	3400	1300	1,35	3000	7	230	84	75	45013116
KEF/EC-315/74-115T	3400	1300	1,35	3000	7	230	84	78	45013076
KEF/EC-355/100-330T	4400	1700	3,3	3000	5,4	400	86	90	45013126

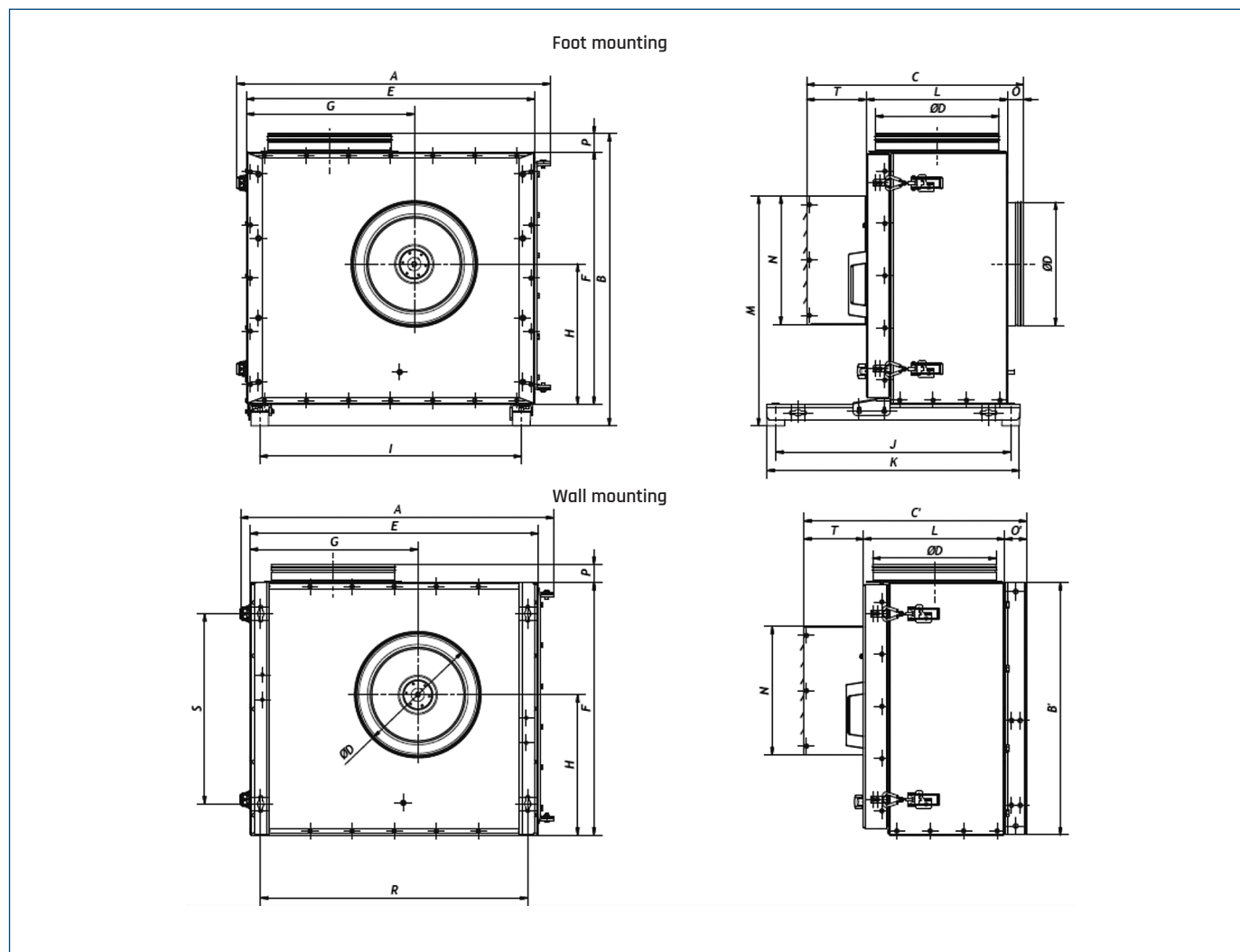
PERFORMANCE CURVES



PERFORMANCE CURVES



DIMENSIONS [mm]



Type	A	B	B'	C	C'	ØD	E	F	G	H	I	J	K	L	M	N	O	O'	P	R	S	□T
KEF/EC-160	479	476	390	389	384	160	422	387	240	210	352	360	400	216	412	290	38	50	41	400	290	135
KEF/EC-200	526	520	390	407	410	200	470	420	265	229	410	360	400	225	432	290	48	50	51	422	290	135
KEF/EC-225	607	569	500	431	445	225	550	480	318	266	492	460	500	260	469	290	38	50	41	464	360	135
KEF/EC-250	637	602	500	460	462	250	580	500	335	281	520	460	500	277	484	290	51	50	54	536	360	135
KEF/EC-380	712	660	570	489	503	280	651	571	379	318	591	530	570	41	520	290	38	50	38	604	430	135
KEF/EC-315	735	716	570	532	537	315	678	618	382	343	598	540	580	352	546	290	46	50	49	634	470	135
KEF/EC-355	857	796	800	605	613	355	800	701	460	391	714	770	810	371	643	390	43	50	47	758	700	192

ELECTRICAL ACCESSORIES

Type	duct thermostat	wall thermostat			pollution sensor		CO sensor	humidistat		regulator
	TK-1	TS	PSE5 TP	PST3	SQA	AirSens VOC	AirSens CO ₂	HIG-2	AirSens RH	REB ECOWATT
KEF/EC-160/75-105S	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-160/75-115T	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-200/74-105S	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-200/74-115T	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-225/104-105S	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-225/104-115T	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-250/114-105S	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-250/114-115T	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-280/102-105S	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-280/102-115T	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-315/102-135S	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-315/74-115T	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005
KEF/EC-355/100-330T	40025330	40025345	40025300	40025306	40025140	40025142	40025141	40025150	40025143	40025005

							
thermostat TK-1	thermostat TS	thermostat PSE5 TP	thermostat PST3	sensor SQA	sensor AirSens	humidistat HIG-2	regulator REB ECOWATT