



KVF Centrifugal Fan

Hot and highly polluted air extract up to +120 °C in high resistance condition.
Kitchen placement extract systems.

Sizes	200 up to 450 mm
Motor	IP55, 230/1/50 or 400/3/50
Capacity	up to 15.500 m ³ /h
Pressure	up to 1150 Pa
Control	Frequency converter
Casing	Steel galvanized panels with aluminum panels



Double panels (25 or 50 mm) possible

APPLICATION

Fan designed for transporting non-aggressive and non-explosive gases without contamination. Typical applications: kitchen hoods, restaurants, bars and canteens due to their special construction. Welding gas extract hoods in small catering outlets.

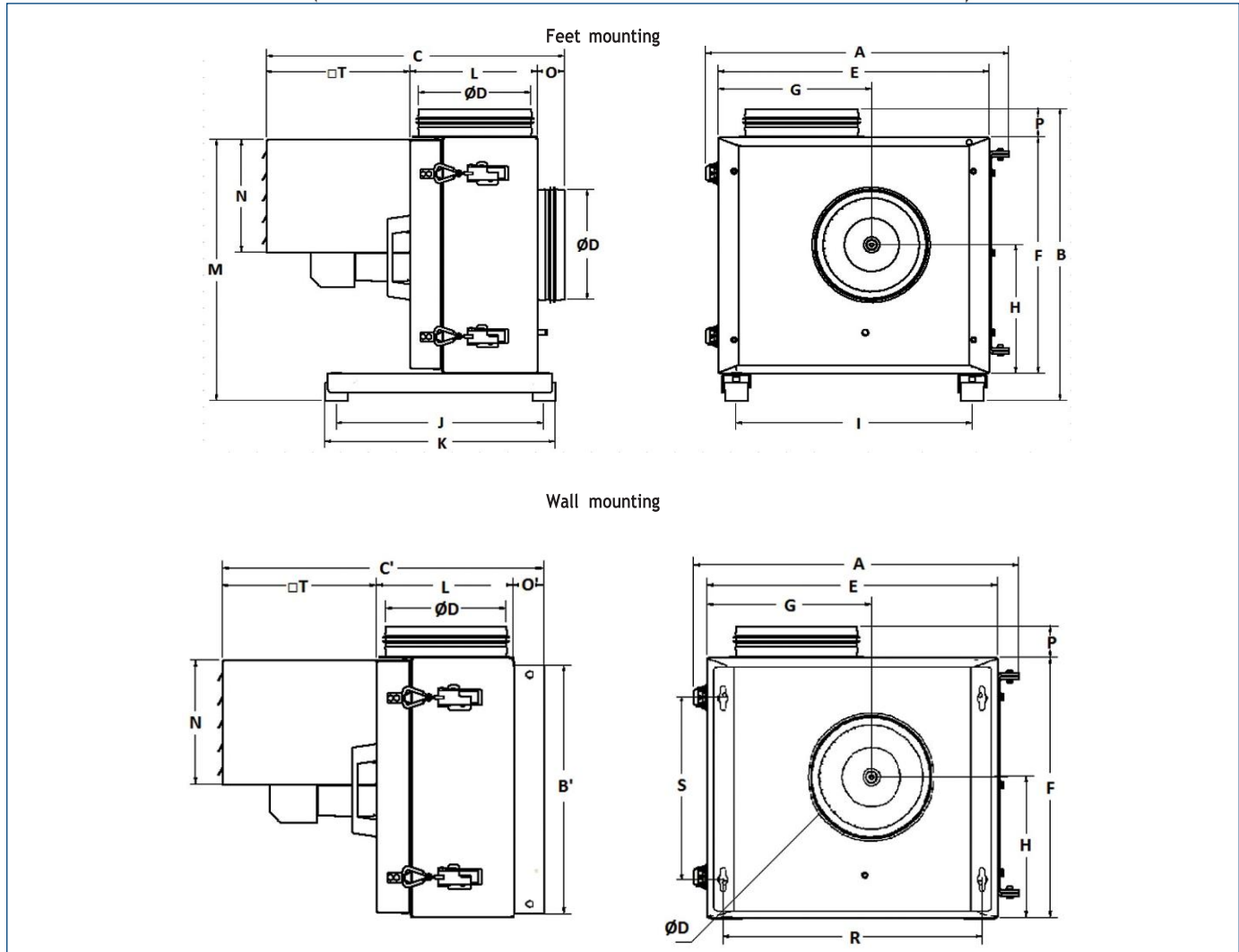
CONSTRUCTION

Centrifugal fan with direct drive, the housing is made of galvanized sheet steel, acoustically insulated and thermally treated in fire resistance class A1, 50mm thick, the impeller is welded from galvanized steel sheet with forward curved blades (type F), impellers dynamically balanced, motor with impeller mounted on a tilting door, providing easy access to the interior of the fan and

maintenance, motor cover is made of galvanized sheet steel, the fan has handles on which the fan can be placed, drainage as standard, vibro-isolators as standard, the suction and discharge fan are equipped with connection stubs with rubber gaskets. Maximum temperature of the transported medium is 120°C.

MOTOR

single-phase 230V 50Hz,
three-phase 230/400V 50Hz, 400/690V 50Hz,
degree of protection IP 55,
insulation class F, efficiency IE3,
for voltage regulation (single-phase motors),
for frequency control (three-phase motors).



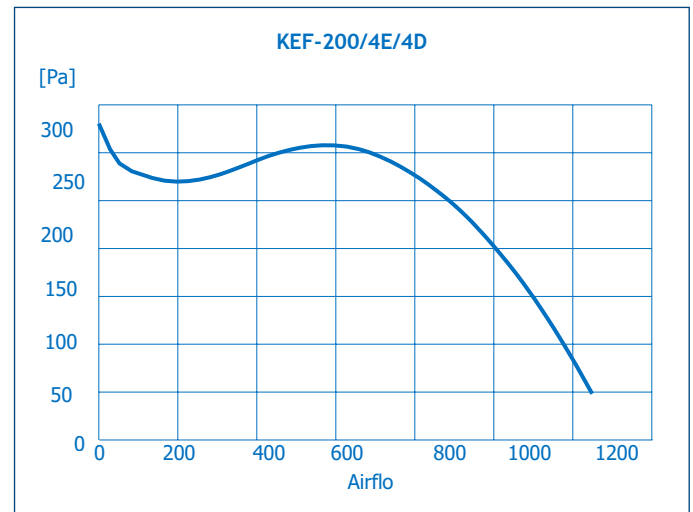
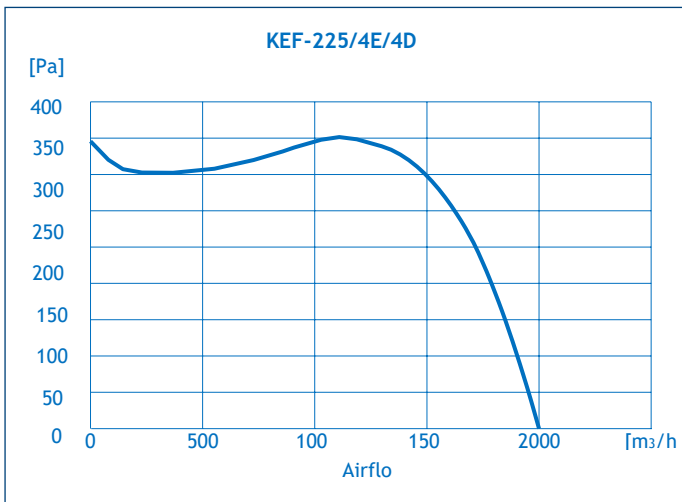
DIMMENSIONS [mm]

Type	A	B	C	E	F	G	H	I
KVF- 200	526	520	517	470	420	266	229	410
KVF- 225	606	569	606	550	480	318	266	492
KVF- 250	606	569	606	550	480	318	266	492
KVF- 280	707	660	660	650	570	379	318	590
KVF- 315	735	716	645	680	618	383	344	600
KVF- 355	856	796	723	800	695	459	387	715



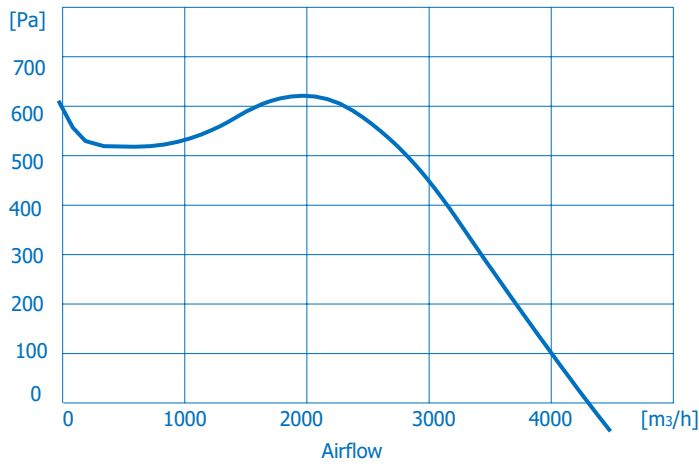


Type	airflow max [m ³ /h]	pressure max [Pa]	Power [kW]	Speed [r.p.m.]	Current [A]	Voltage [V]	sound pressure level [dB(A)]	Weight [kg]
KVF-200/4E	1250	330	0,55	1430	3,8	230	60	40
KVF-200/4D	1250	330	0,55	1400	1,5	400	60	40
KVF-250/4E	3400	500	1,1	1300	7,5	230	67	53
KVF-250/4D	3400	500	0,75	1430	2,1	400	67	52
KVF-280/4E	4500	660	1,1	1300	7,5	230	73	61
KVF-280/4D	4500	660	1,5	1440	3,6	400	73	62
KVF-315/4E	4400	1330	1,1	1430	7,25	230	73	78
KVF-315/4D	4400	1330	1,1	1430	2,5	400	73	79
KVF-355/4D	5100	1700	2,2	1430	4,6	400	73	84

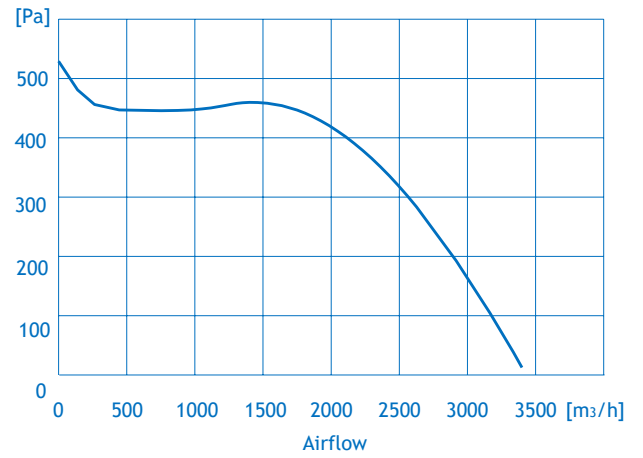




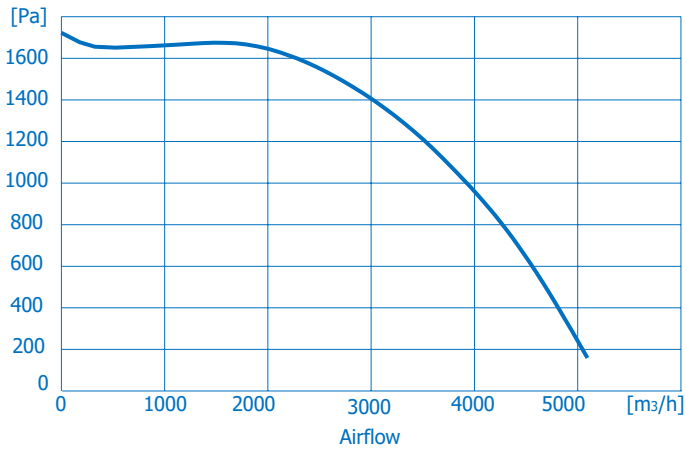
KEF-280/4E/4D



KEF-250 /4E/4D



KEF-355/4D



KEF-315 /3E/4D

