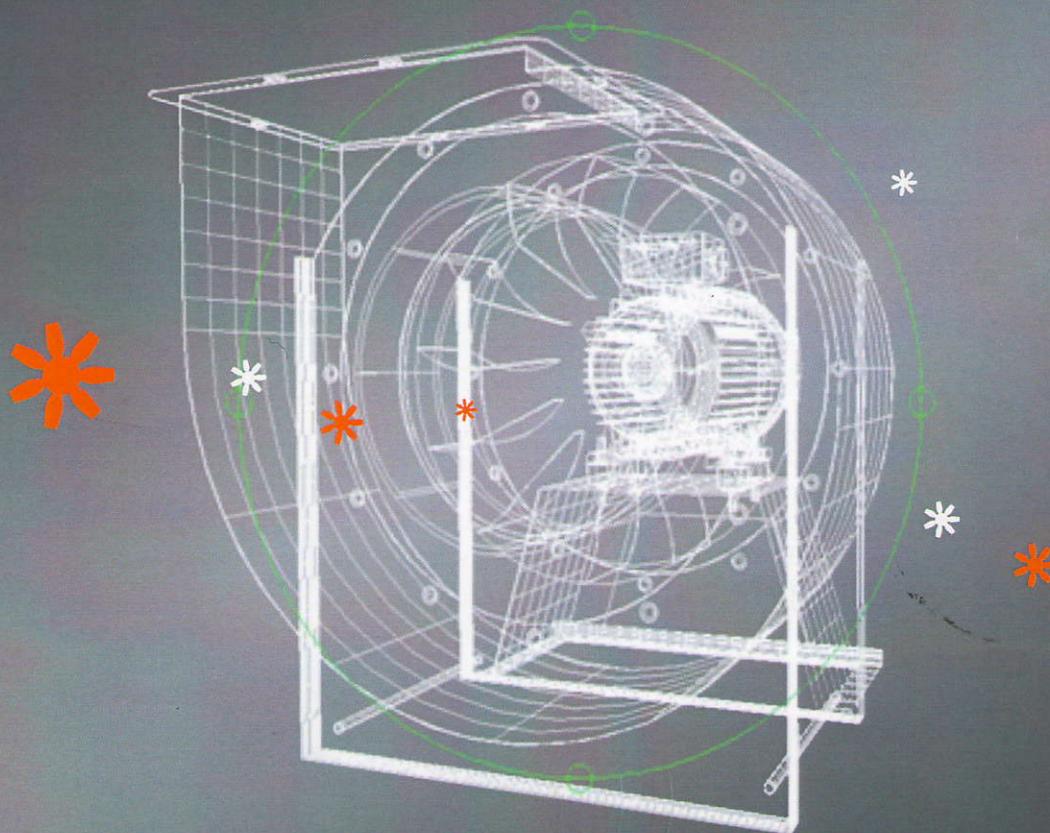


Single Inlet Centrifugal Fans

K-FANS

FKK SERIES



KAFFE S.A.
VENTILATION CENTER



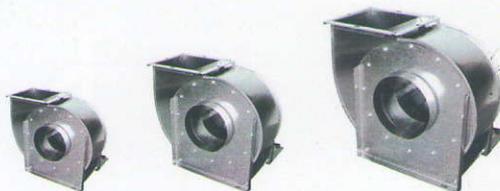
PRODUCTION RANGE

This single inlet range of fans, suitable for continuous extraction of airstreams temperature up to 150°C, is available in 14 sizes.



Housing

FKK range is supplied with galvanized steel plate housing mounted with Pittsburg system. All inlet connections are supplied with a circular flange.



Impeller

Semi-backward impeller manufactured from galvanized sheet steel dynamically balanced according to ISO 1940. For big sizes impeller is fully welded.



Motor

- Available in 4 and 6 poles.
- All motors are IP55 class F
- Single phase 230V/50HZ up to 1.5kW
- Three phase 230V/400V/50Hz up to 3kW
- Three phase 400V/50Hz for higher power motors
- IE1 standard efficiency
- IE2 high efficiency

On request:

- IE3 premium efficiency



On request

- Painted housing on customers approval.
- Stainless steel construction AISI 304 or 316 (FKKI series).
- Acoustic cabinet fan construction (insulated panel box).



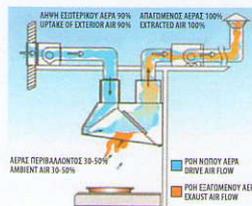
F/S-FKK

Applications

FKK fans are suitable for extract application in commercial, process and industrial applications.

Specific application:

Industrial & commercial kitchens



Electrical Accessories

- Frequency drives
- Single phase electronic speed controller



Mounting Accessories

- Circular discharge / inlet adaptor
- Flexible duct connector
- Circular spiral airducts
- Motor outdoor cover





TECHNICAL CHARACTERISTICS - 4 POLES MOTORS

TYPE	kW	VOLT	Motor speed rpm	AIR FLOW m ³ /h	Inlet diameter ømm
FKKB/4-200/050	0,37	230	1450	2.500	200
FKKT/4-200/050		400			
FKKB/4-250/100	0,75	230	1450	4.000	250
FKKT/4-250/100		400			
FKKB/4-250/150	1,1	230	1450	4.500	250
FKKT/4-250/150		400			
FKKB/4-300/200	1,5	230	1450	7.250	300
FKKT/4-300/200		400			
FKKT/4-350/300	2,2	400	1450	8.250	350
FKKT/4-350/400	3	400	1450	8.500	350
FKKT/4-400/550	4	400	1450	12.500	400
FKKT/4-450/750	5,5	400	1450	14.100	450

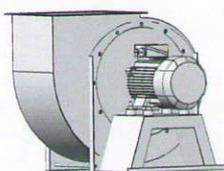
TECHNICAL CHARACTERISTICS - 6 POLES MOTORS

TYPE	kW	VOLT	Motor speed rpm	AIR FLOW m ³ /h	Inlet diameter ømm
FKKB/6-250/050	0,37	230	950	3.000	250
FKKT/6-250/050		400			
FKKB/6-300/100	0,75	230	950	5.250	300
FKKT/6-300/100		400			
FKKB/6-300/150	1,1	230	950	5.500	300
FKKT/6-300/150		400			
FKKB/6-350/200	1,5	230	950	6.200	350
FKKT/6-350/200		400			
FKKT/6-400/300	2,2	400	950	7.500	400
FKKT/6-450/550	4	400	950	12.500	450

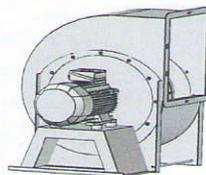
Before making any electrical connection ensure that the voltage and frequency of the mains electrical supply matches that of the fan data plate label.

Fan assembly

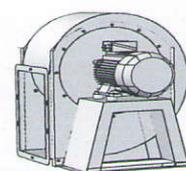
The direction of rotation is determined from the drive side of the fan.



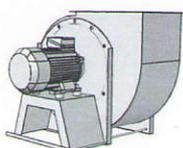
RD0



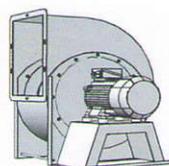
RD90



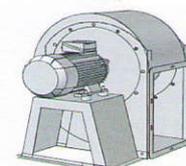
RD270



LG0



LG90



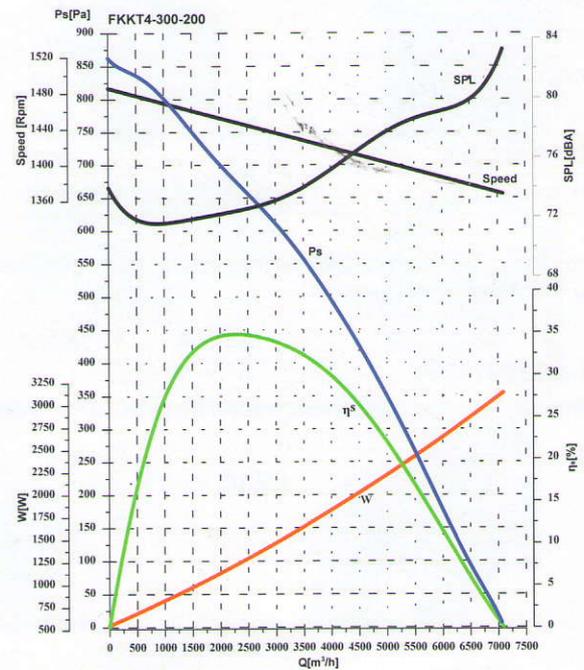
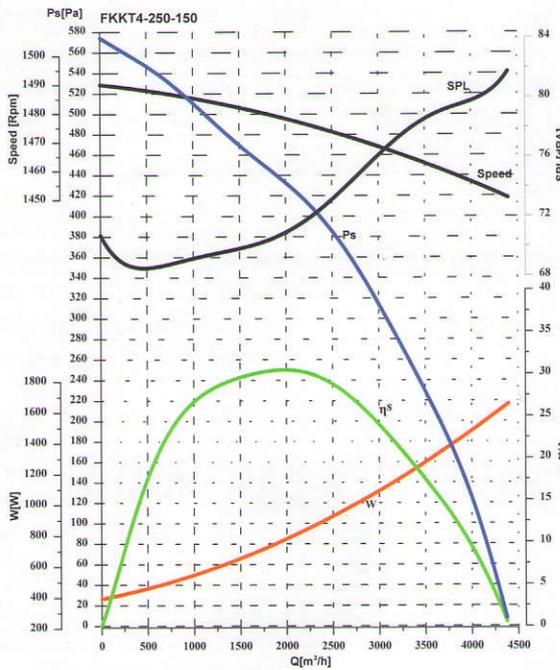
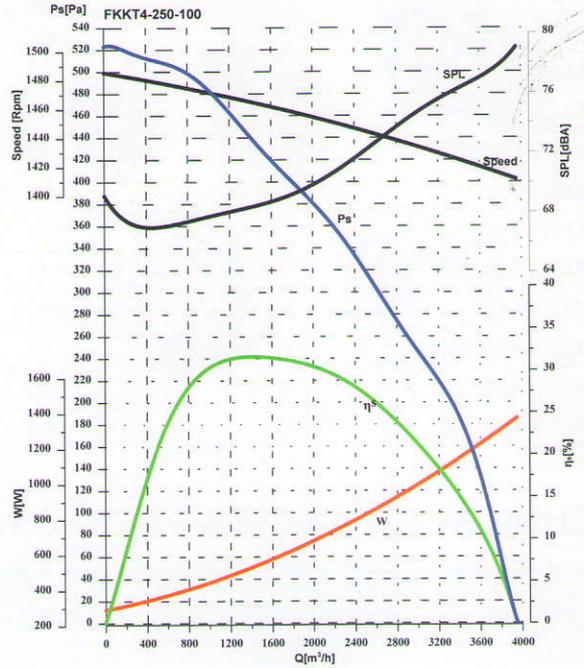
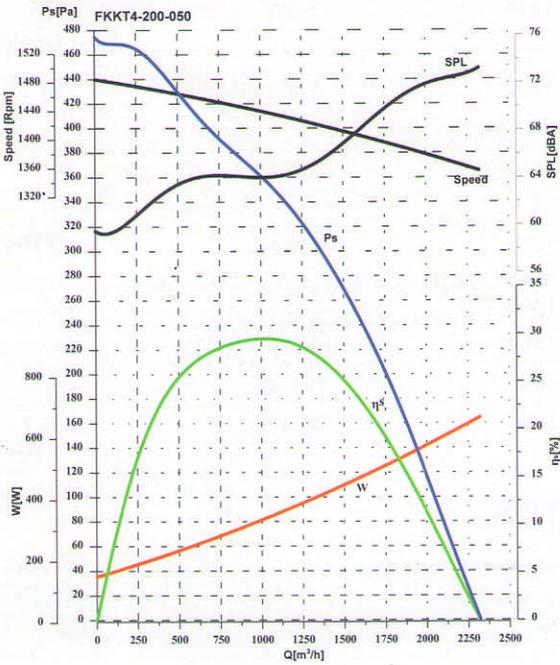
LG270



PERFORMANCE CURVES

Performance curves of FKK series are in accordance with AMCA standard 210-99 Fig.15.

- Air density 1.2kg/m^3
- η_s : overall static efficiency [%]
- η : fan efficiency without speed control
- Q : airflow in m^3/h
- P_s : static pressure in Pa
- W : power in W

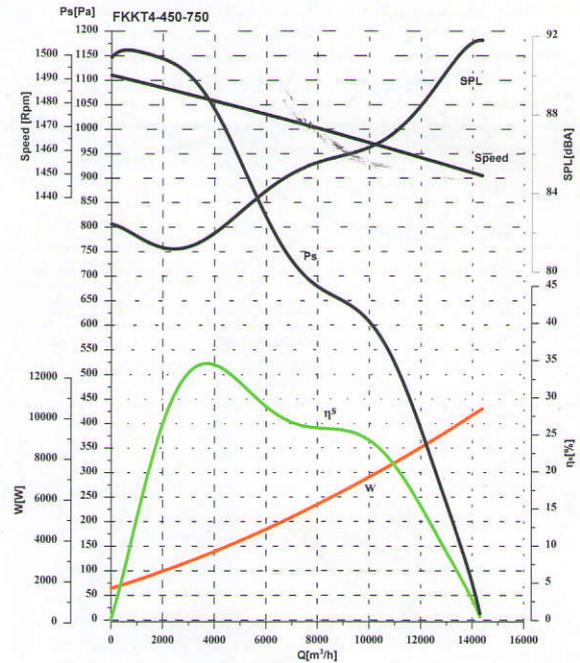
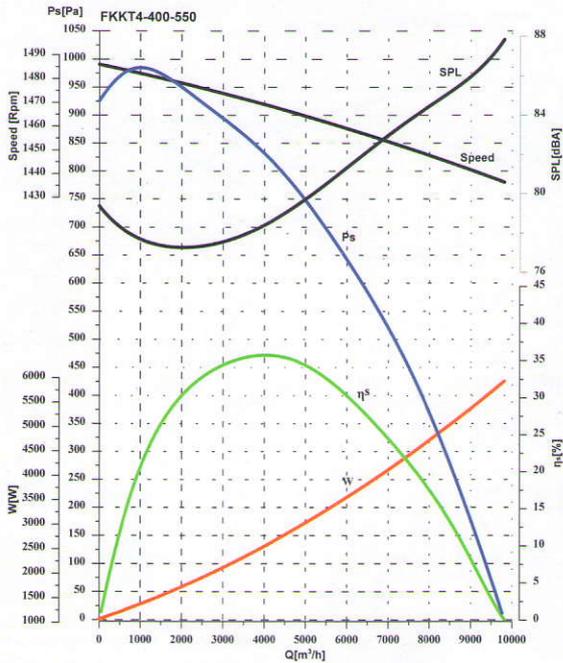
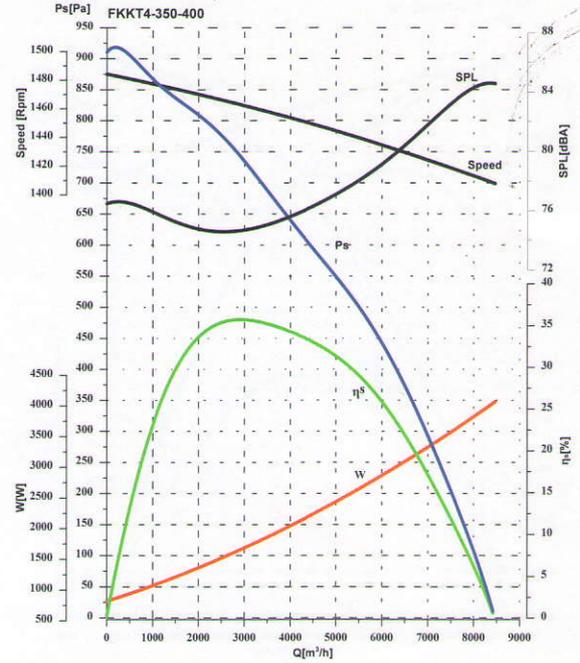
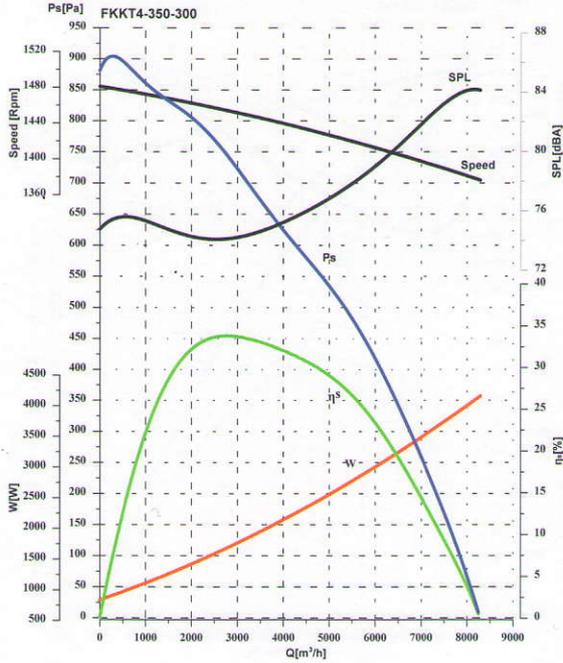




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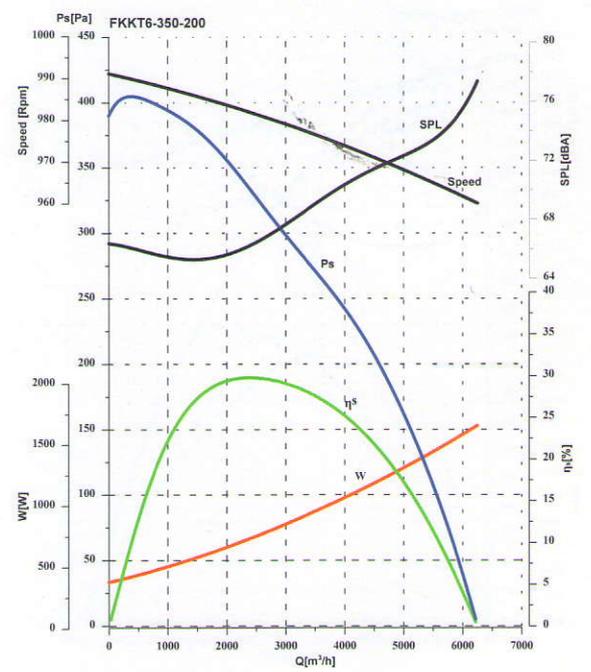
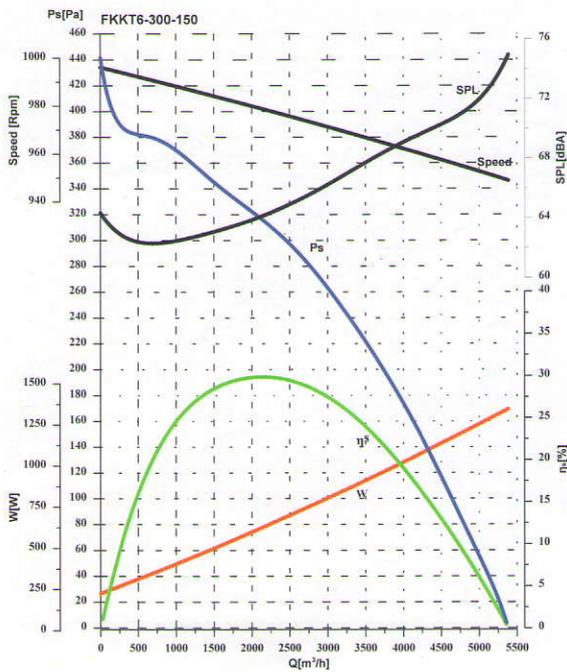
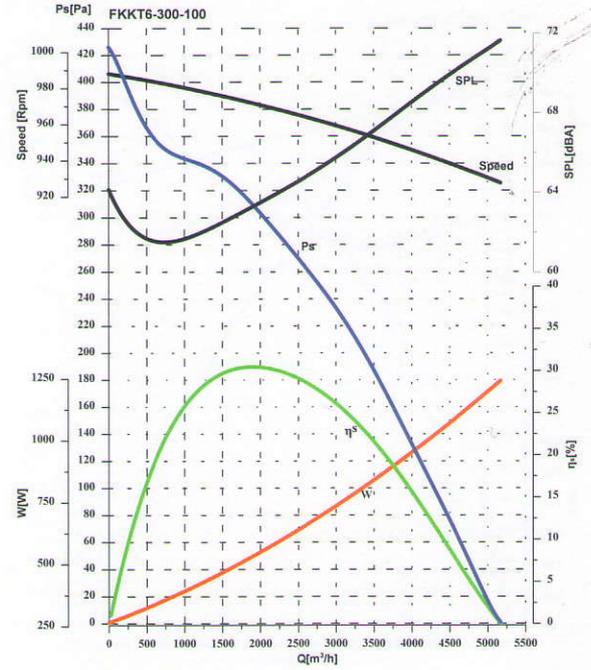
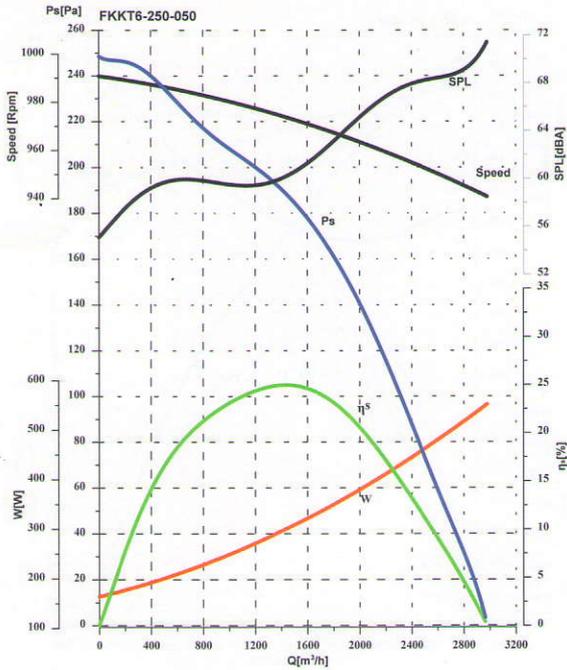




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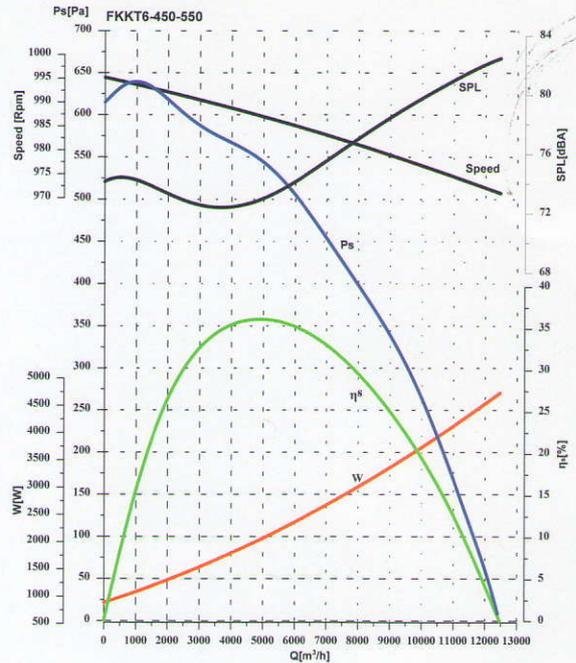
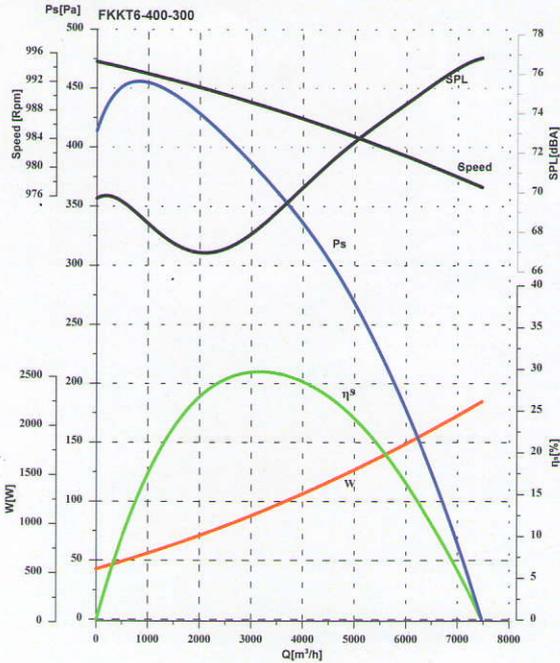




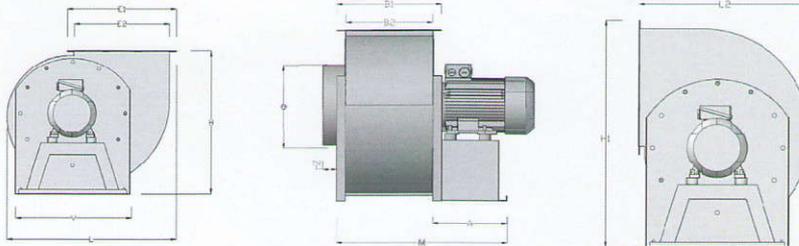
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- η_s : overall static efficiency [%]
- Q : airflow in m^3/h
- P_s : static pressure in Pa
- Fan efficiency without speed control



DIMENSIONS



TYPE	H	L	H1	L1	M	V	E1*B1	E2*B2	ø	N	A
FKK - 200	455	510	565	450	430	380	290*255	240*200	195	60	200
FKK - 250	540	625	680	515	470	424	395*270	340*215	245	60	220
FKK - 300	630	740	785	615	592	518	434*350	370*290	295	60	270
FKK - 350	710	780	890	670	695	518	490*394	425*330	345	70	320
FKK - 400	720	790	910	690	665	545	565*410	495*335	395	65	290
FKK - 450	845	950	1055	800	890	640	620*510	470*435	445	80	417

LABELLING

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6 SITIAS - 14451 METAMORFOSI - ATHENS - GREECE
www.kaffe.gr www.ventilation.gr info@kaffe.gr

MADE IN EU

FKK - SERIES

FKKT/4-250/100 - LG0		AIR TEMP. UP TO 150 °C CONTINUOUS			
MOTOR TYPE	RPM	POWER	V	I	
IE 2 CLASS F IP 55	1450	0,75kW	230/400V	2,2A	
ORDER No	2585	SER. No	15112	P.D.	16.10.2015

CERTIFICATES





Technical specification for information purposes only. KAFFE SA reserves the right to change them without any previous notice.



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Web site: www.kaffe.gr, www.ventilation.gr

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