



## Kitchen fans IKB



120°C



Easy maintenance



Easy clean

### Design

Direct drive radial fan. Cover made of galvanised sheet, soundproof and thermally insulated with mineral wool with a thickness of 50 mm. Rotor with blades tilted backwards, made of galvanised sheet. The housing has a tilting inspection hatch, allowing for convenient maintenance and cleaning of the fan.

### Usage

The IKB fans are designed for both domestic and commercial kitchen drafts: bars, canteens, pubs, restaurants, schools, hospitals.

### Electric motor

Asynchronous single-phase 230V, 50Hz, without the possibility of changing the rotation speed, or three-phase 400V, 50Hz, adapted to adjust the frequency converter. Protection class IP 55, insulation class F.

### Operating temperature

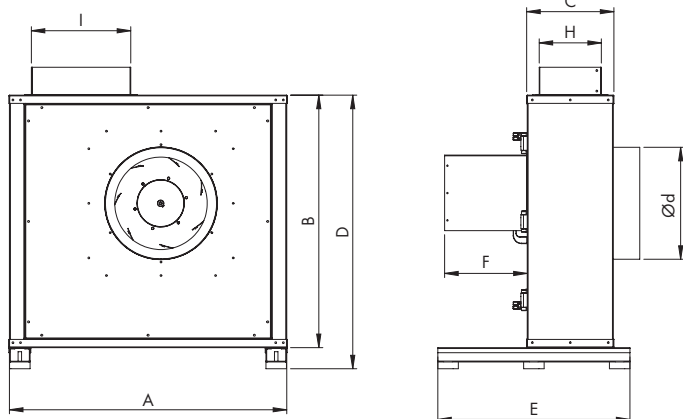
The fan is designed to transmit air with a temperature not exceeding 120°C.

### Technical specifications

Model	Air flow [m³/h]	Impeller speed [rpm]	Power [W]	Current [A]	Voltage [V]	Frequency [Hz]	Sound pressure level [dB(A)]	Weight [kg]
IKB-315/2300 M	1800	1390	250	2,1	230	50	37-29	51
IKB-355/3800 M	2800	1390	250	2,1	230	50	41-33	63
IKB-400/4500 M	4000	1400	370	3,4	230	50	42-34	78
IKB-450/5600 M	5200	1410	550	4,5	230	50	45-37	87
IKB-315/2300 T	1800	1380	250	0,87	400	50	37-29	51
IKB-355/3800 T	2800	1380	250	0,87	400	50	41-33	63
IKB-400/4500 T	4000	1390	370	1,2	400	50	42-34	78
IKB-450/5600 T	5200	1365	550	1,6	400	50	45-37	87

Sound pressure level measured outdoor at 4 and 10 m.

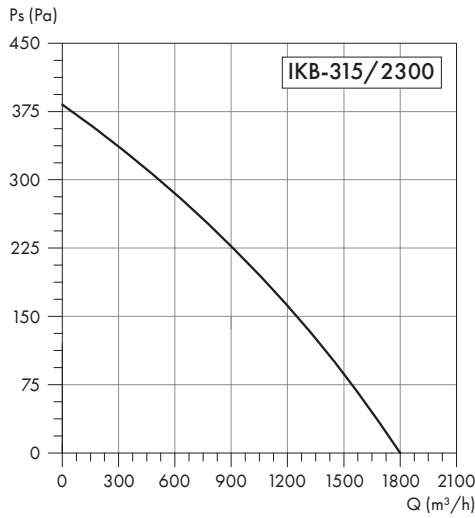
### Technical drawing



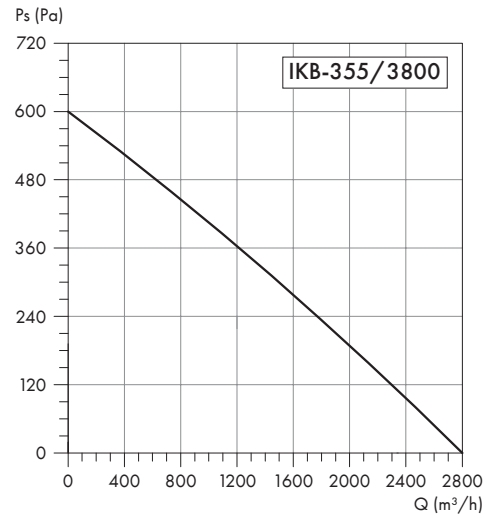
### Dimensions [mm]

Model	A	B	C	D	E	F	Ød	H	I
IKB-315	650	605	220	665	480	245	250	160	230
IKB-355	730	655	230	715	480	245	280	170	260
IKB-400	815	740	255	800	580	245	330	185	295
IKB-450	905	810	270	870	580	245	350	210	325

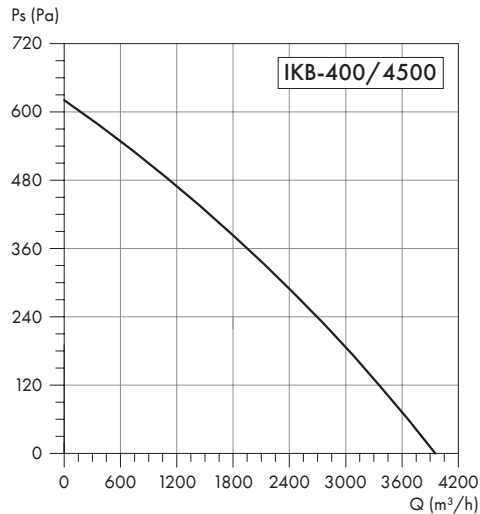
## Characteristics



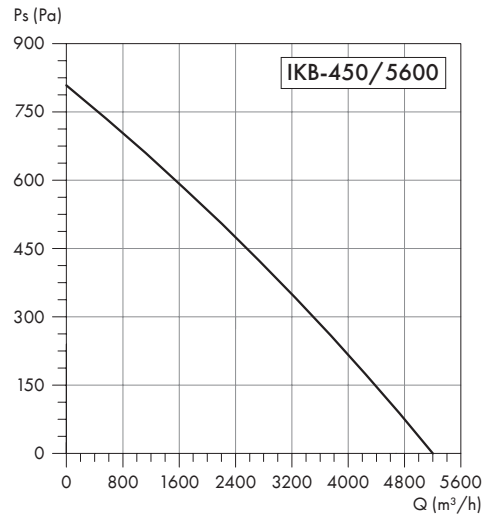
Frequency	Total	63	125	250	500	1000	2000	4000	8000	Hz
$L_{wa}$ Inlet	78	-	74	73	68	66	62	56	53	dB(A)
$L_{wa}$ Outlet	80	-	76	75	70	67	64	58	55	dB(A)
$L_{wa}$ Emitted	60	-	56	55	50	48	44	38	35	dB(A)



Frequency	Total	63	125	250	500	1000	2000	4000	8000	Hz
$L_{wa}$ Inlet	82	-	78	77	72	70	66	60	57	dB(A)
$L_{wa}$ Outlet	84	-	80	79	74	72	68	62	59	dB(A)
$L_{wa}$ Emitted	64	-	60	59	54	52	48	42	39	dB(A)



Frequency	Total	63	125	250	500	1000	2000	4000	8000	Hz
$L_{wa}$ Inlet	83	-	79	78	73	71	67	61	58	dB(A)
$L_{wa}$ Outlet	85	-	81	80	75	73	69	63	60	dB(A)
$L_{wa}$ Emitted	65	-	61	60	55	53	49	43	40	dB(A)



Frequency	Total	63	125	250	500	1000	2000	4000	8000	Hz
$L_{wa}$ Inlet	86	-	82	81	76	74	70	64	61	dB(A)
$L_{wa}$ Outlet	88	-	84	83	78	76	75	66	63	dB(A)
$L_{wa}$ Emitted	68	-	64	63	58	56	52	46	43	dB(A)

## Accessories



**FKOV**  
Filter G3 for round ducts  
page 83



**PCC**  
Fastening clamp  
page 81



**RSKV**  
Backdraft damper  
page 41



**WSH**  
Service switch  
page 177



**PSH**  
Pressure switch  
page 173