



BKEF-RH

KITCHEN EXHAUST FANS / Backward Curved - High Pressure

Fan Components and Material Properties

The double-walled body with heat and sound insulation is manufactured from galvanized sheet metal. 25 mm thick mineral wool was applied for sound and heat insulation. All models of the fan can be removed and installed. All models use asynchronous motor and the motor is out of air flow. The device is capable of carrying air at max.120°C.

Fan Structure

Electrostatic painted and welded plug fan is used. The fan blades are aerodynamically curved and provide regular flow. It is suitable to operate at high speed as it uses a welded plug fan.

*Filtered applications are optional. Please contact BVN representatives.

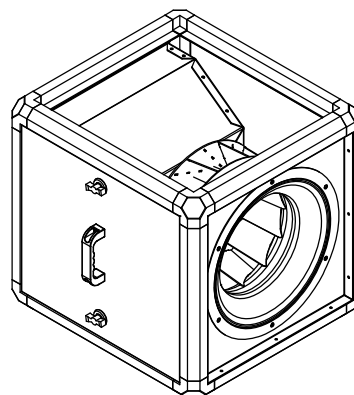
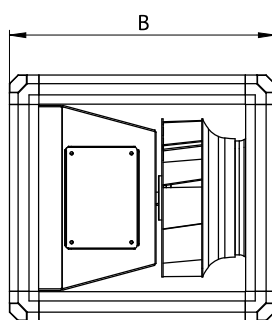
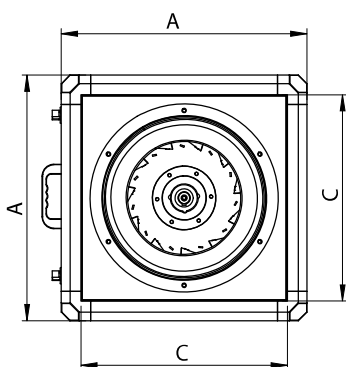
Benefits

Since the motor is out of airflow, it is resistant to high temperature. It has high performance and high efficiency because it works at high speed. Thanks to the removable panels, smoke can be easily steered. Right-left-top can be changed in three different ways. Water drainage feature. They work quietly thanks to isolation. Occasionally requires wheel cleaning. Speed can be adjusted with speed control devices.

Usage Areas

In restaurants with dense oil like greaseproof environments, it is possible to use commercially available commercial kitchen etc. with smoke trap and long channel distance. Used in environments. It is able to carry air at higher temperatures due to the motor being out of airflow.

Technical Drawing and Tables



TYPE	A	B	C
BKEF-RH 280	500	500	420
BKEF-RH 315	500	540	420

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	kW	(A)	(µF)	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg
BKEF-RH 280M	230	50	0,75	5	30	2840	3600	65	F	55	38
BKEF-RH 315M	230	50	1,5	9,8	40	2865	5000	68	F	55	41
BKEF-RH 280T	380	50	0,75	1,8	-	2840	3600	65	F	55	38
BKEF-RH 315T	380	50	1,5	3,3	-	2865	5000	68	F	55	41

Sound Level Measured from 3m distance in room condition.

Accessories



BSC-F

BDEB

BDH

BDKS

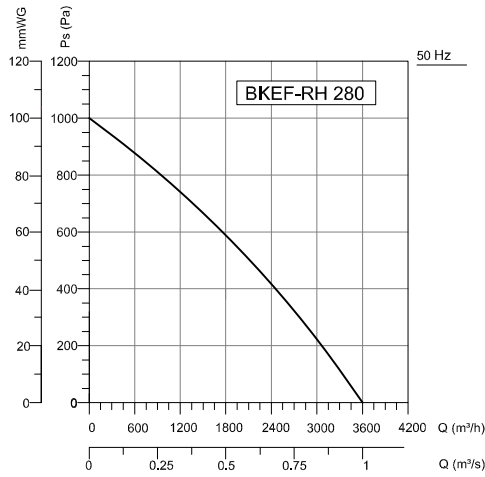
BFG2

BFG3

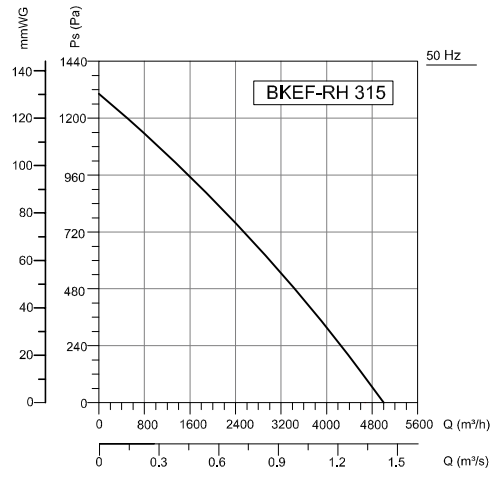
BFG4

BFH13

BCTH



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{WA} Inlet	86	72	74	78	80	79	76	71	74	dB(A)
L_{WA} Outlet	86	76	75	79	80	80	77	72	65	dB(A)
L_{WA} Surrounding	71	59	61	64	66	65	58	62	51	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{WA} Inlet	90	76	78	82	84	84	80	75	68	dB(A)
L_{WA} Outlet	90	80	79	83	84	84	82	76	69	dB(A)
L_{WA} Surrounding	75	63	65	68	70	69	62	66	55	dB(A)

