



BACF

HORIZONTAL OUTLET ROOF FANS / Axial

Fan Components and Material Properties

Body, hat and protective wire cage are made of electrostatic powder coated steel. The motor and fan impeller are connected to the main body by steel carriers. The device is capable of handling air at max.40°C.

Fan Structure

The wings made of fiber glass composite materials are manufactured in airfoil structure to provide regular flow. Thanks to its aerodynamic wing structure, it works quietly.

Benefits

It works with low noise levels and is designed to be maintenance-free for long periods of time. Because of both suction and shooting capability, it is

possible to dispose of the polluted air in the environment and fresh air to the environment. Can be installed in the desired pain. Speed can be adjusted with speed control devices.

Speed Control

Optional control devices can be provided.

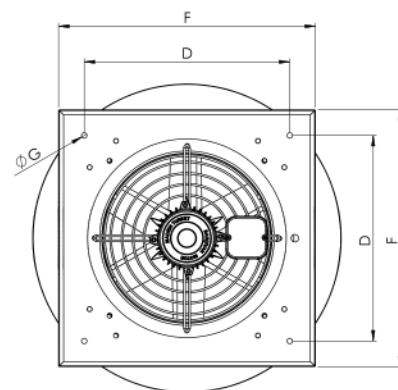
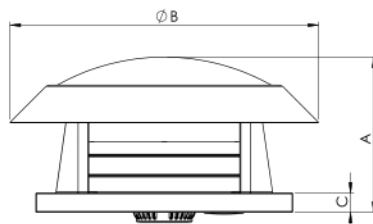
1~phase products with linear voltage regulator speed control can be done. BACF 560-630-710-800 models are excluded. (see BSC accessory)

Speed control can be done with frequency inverter in 3~phase products. (see BSC-F accessory)

Usage Areas

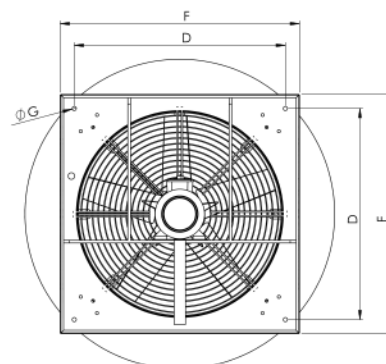
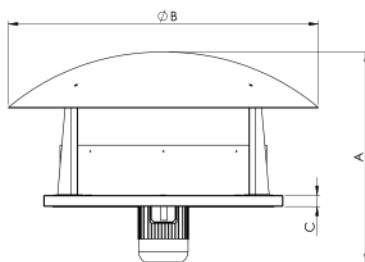
It is also used for ventilation of high volume factory, warehouse and hangar. It provides the ideal solution for large areas with its high flow rate.

Technical Drawing and Tables



TYPE	A	B	C	D	F	G
BACF 300	340	685	40	450	560	12
BACF 350	340	685	40	450	560	12
BACF 400	470	824	40	530	630	12
BACF 450	480	824	40	590	710	12
BACF 500	480	824	40	680	740	12

Dimensions are in (mm)

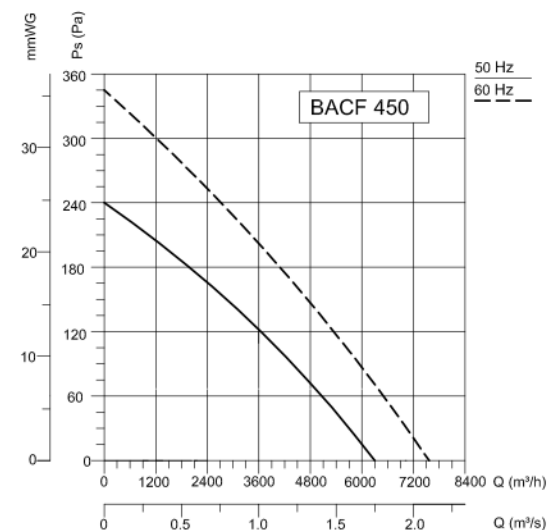
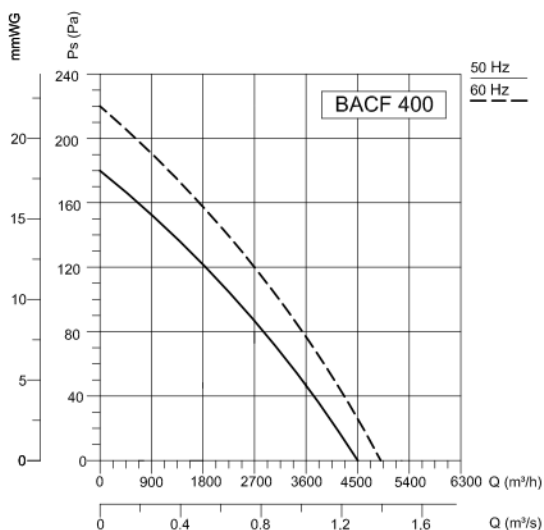
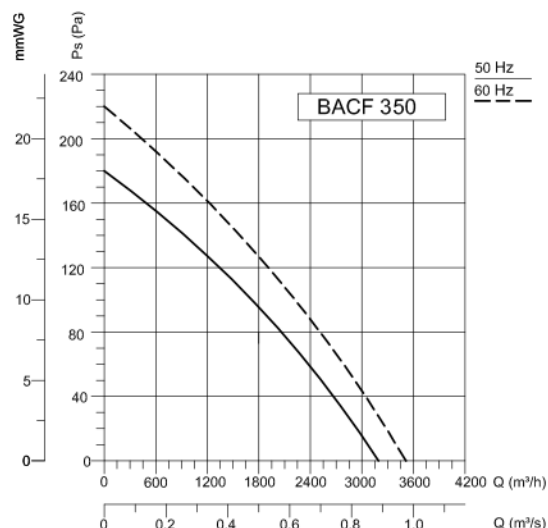
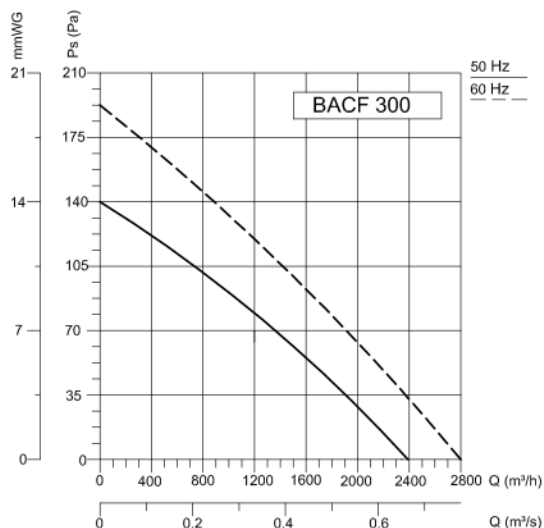


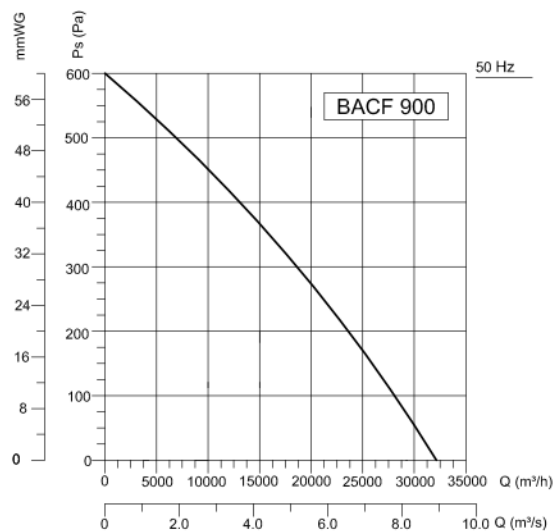
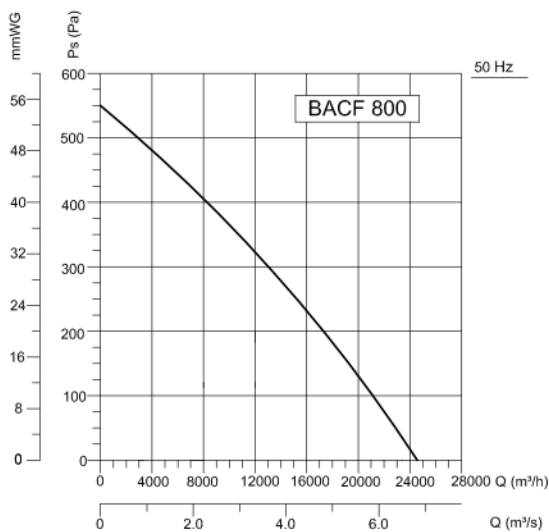
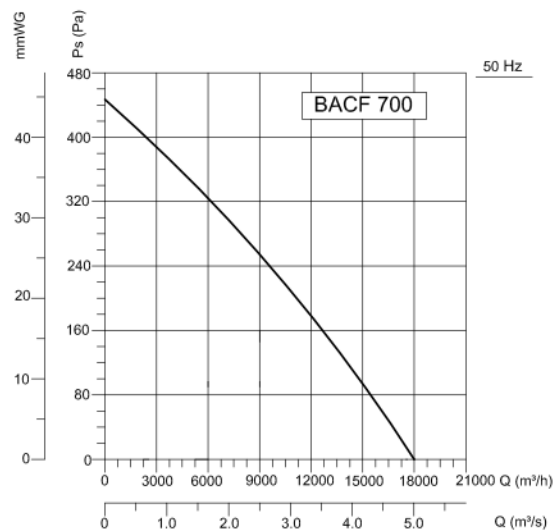
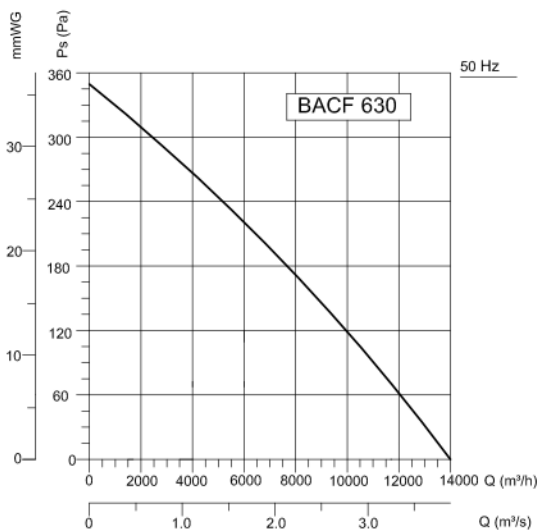
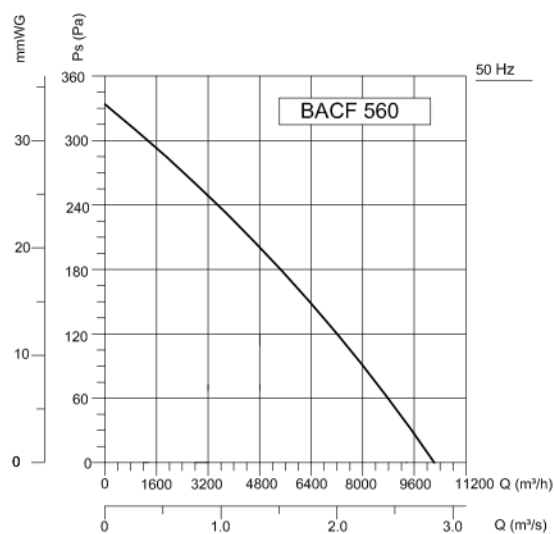
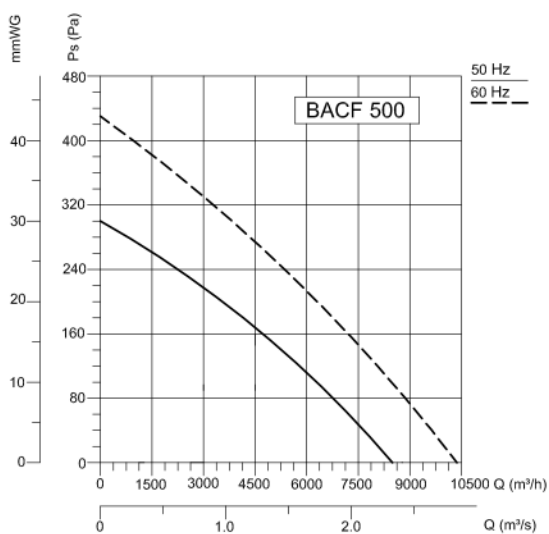
TYPE	A	B	C	D	F	G
BACF 560	710	1150	40	750	800	15
BACF 630	710	1150	40	750	850	15
BACF 710	800	1150	40	750	850	15
BACF 800	900	1450	40	900	1000	15
BACF 900	900	1450	40	900	1000	15
BACF 1000	950	1450	40	1000	1100	15

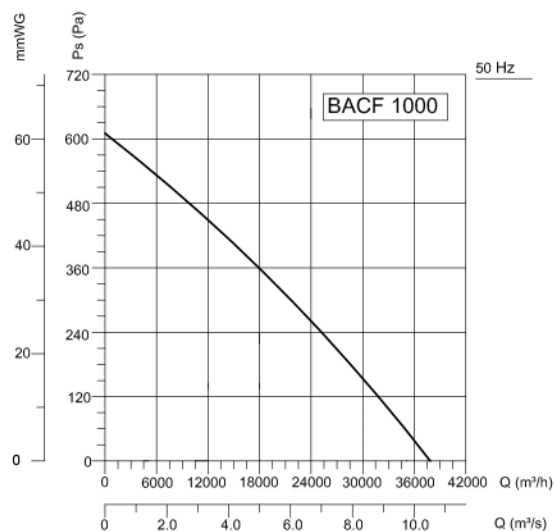
Dimensions are in (mm)

	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
TYPE	V	Hz	W	(A)	(μF)	r.p.m	m ³ /h	dB(A)	Ins.cl.	IP	kg
BACF 300M	230	50/60	165	0,79	3	1450/1740	2400/2800	47-39	B	44	16
BACF 350M	230	50/60	210	0,92	3	1450/1740	3200/3550	48-40	B	44	18
BACF 400M	230	50/60	220	0,97	6	1450/1740	4500/4900	51-43	B	44	20
BACF 450M	230	50/60	300	1,32	6	1450/1740	6300/7560	55-47	B	44	25
BACF 500M	230	50/60	320	1,40	6	1435/1740	8500/10200	57-49	B	44	30
BACF 300T	380	50/60	145	0,40	-	1450/1740	2400	47-39	B	44	16
BACF 350T	380	50/60	230	0,44	-	1450/1740	3200	48-40	B	44	18
BACF 400T	380	50/60	250	0,47	-	1450/1740	4500	51-43	B	44	20
BACF 450T	380	50/60	270	0,55	-	1450/1740	6300	55-47	B	44	25
BACF 500T	380	50/60	340	0,6	-	1435/1700	8500	57-49	B	44	30
TYPE	V	Hz	kW	(A)	(μF)	r.p.m	m ³ /h	dB(A)	Ins.cl.	IP	kg
BACF 560M	230	50	0,75	4,6	30	1405	10500	61-53	F	55	37
BACF 630M	230	50	1,1	7,1	35	1410	14000	63-55	F	55	45
BACF 710M	230	50	1,5	9,3	50	1410	18000	68-60	F	55	53
BACF 800M	230	50	2,2	13,4	60	1425	24500	70-62	F	55	75
BACF 560T	380	50	0,75	2,1	-	1405	10500	61-53	F	55	37
BACF 630T	380	50	1,1	2,6	-	1410	14000	63-55	F	55	45
BACF 710T	380	50	1,5	3,5	-	1410	18000	68-60	F	55	53
BACF 800T	380	50	2,2	5,0	-	1425	24500	70-62	F	55	75
BACF 900T	380	50	3	6,6	-	1425	32000	74-66	F	55	80
BACF 1000T	380	50	5,5	8,4	-	1440	38000	77-69	F	55	105

The sound level is measured at a distance of 4-10 m in open field condition.







Accessories



BSC-F



BYKS



BYH

