



HORIZONTAL AIR FLOW FAN



BioTherm BAF-14, 20 Horizontal air flow fans provide enhanced air circulation throughout a growing space to aid plant health by uniformly distributing air, humidity and Co2. By enhancing air flow, growers can stamp out stagnant air pockets and utilize their dehumidifiers, Co2 systems and other climate control equipment more effectively. Given their aerodynamic design, growers can use these HAF fans more economically compared to basket-style HAF or oscillating fans.

Rotor Material: Carbon Steel

Blade Material: Plastic

Ingress Protection: IP54

Insulation Class: F

Bearing Type: Maintenance-free ball bearing

Dimensions:

BAF-14 - 19.125" W x 19.125" H x 5.75" D | 11.5 lbs.

BAF-20 - 26.125" W x 26.125" H x 7.125" D | 27.5 lbs.

Model No.	Phase	Voltage (VAC)	Frequency (Hz)	Air Flow (CFM)	PSF (in. wg.)	Current (A)	Input Power (W)	Speed (RPM)	CFM/Watt (CFM/W)	Working Temp. (min/max F)	Sound Level dB(A)
BAF-14	1	220	60	2185	0	1.22	163	1700	13.4	-4/+140	63
BAF-20	1	220	60	5866	0	4.12	666	1560	8.8	-4/+140	76

BAF-14			
Static Pressure (In. H2O)	Airflow (CFM)	Speed (RPM)	Input (W)
0.32	1070	1385	152
0.28	1406	1484	161
0.24	1570	1524	164
0.2	1712	1560	166
0.16	1816	1584	165
0.12	1930	1619	166
0.08	2033	1660	166
0.04	2119	1691	166
0	2184	1700	164

BAF-20			
Static Pressure (In. H2O)	Airflow (CFM)	Speed (RPM)	Input (W)
0.91	1154	1201	631
0.84	1364	1226	738
0.72	1745	1239	610
0.6	2059	1252	554
0.48	2846	1241	509
0.36	3540	1245	468
0.24	3961	1241	439
0.12	4305	1242	496
0	4607	1239	351