

BF 50 SuperFlow

HIGH PERFORMANCE ✓ DIRECT DRIVE ✓ NO MAINTENANCE ✓

The BF 50 recirculation fan is a part of the SKOV-SECCO's BlueFan series. The BF 50 is specially developed for the harsh environment in livestock houses.

The BF 50 recirculation fan creates a pleasant house climate and contributes to healthy and productive dairy cattle. Especially when outside temperatures are high, ventilation and sufficient air speed are vital.

By using the recirculation fans, heat stress can be prevented and productivity maintained.

INTELLIGENT DESIGN

- Optimized design for maximum airflow
- Long throw – fewer fans to blow over long distance
- Very robust and no maintenance

ENERGY EFFICIENT MOTORS

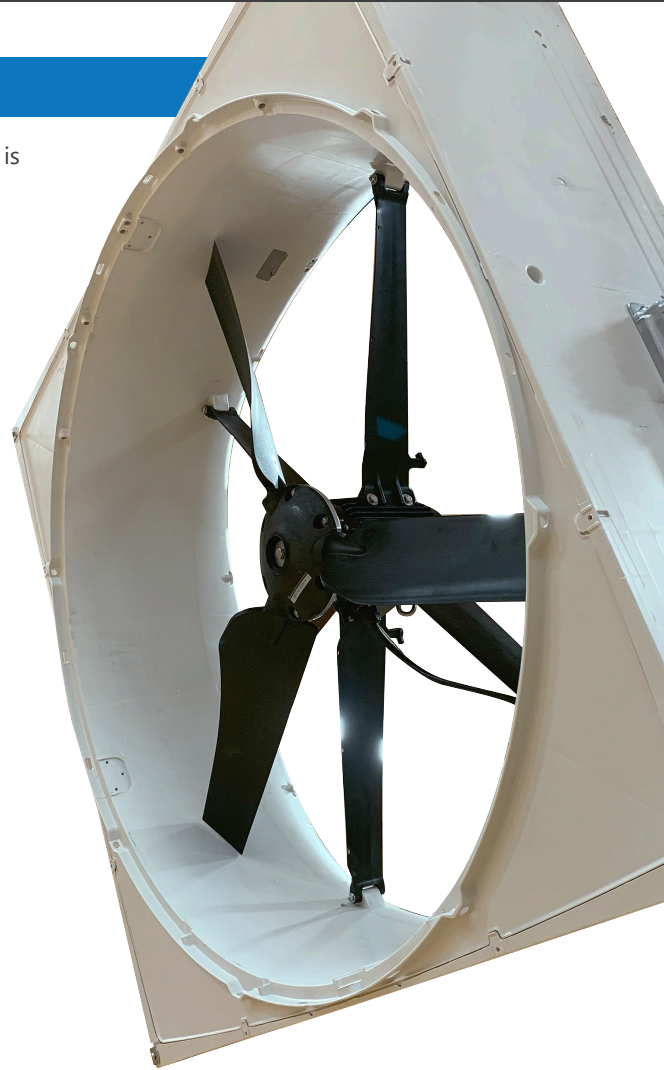
- ON/OFF fans – with possibility of variable control via frequency controller
- LPC fans - variable control and low energy consumption
- Direct driven impellers – no belt to be maintained
- IE3 and IP 65 classified
1 or 3 phase motor 50/60 Hz
- cUL approved

NONCORROSIVE MATERIALS

- Housing of polypropylene
- UV protected materials
- Impeller of fiberglass-reinforced polypropylene
- Mesh of stainless steel
- Blades diameter: 1278 mm (50")
- Shipping weight: 72 kg (159 lbs)

ACCESSORIES

- Brackets for easy mounting
- Standard brackets – easy to install on-site
- Safety mesh for air in and output



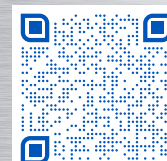
LPC version managed
by DOL-31



For more information

skov-secco.com

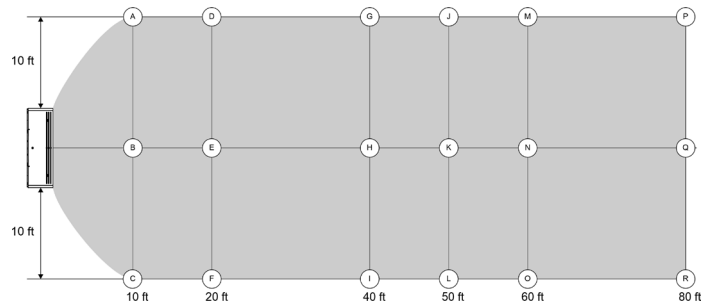
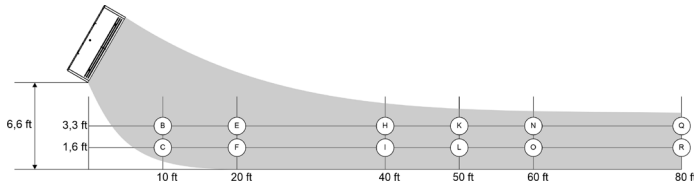
info@skov-secco.com



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TECHNICAL INFORMATION

SIZE	VOLT	PH (kW)	AMP	RPM	Hz	WATTS USED MAXIMUM	CFM (m ³ /h) 0" SP (0 Pa)	CFM/WATT (WATT/1000m ³ /h) 0" SP (0 Pa)	SPEED
50" (127 cm)	230	1 (1.34)	6.20	709	50	1345	26 400 (44 800 m ³ /h)	19.60 (30.0)	SINGLE
50" (127 cm)	230	1 (1.36)	6.60	854	60	1391	25 600 (43 500 m ³ /h)	18.40 (32.0)	SINGLE
50" (127 cm)	400	3 (1.41)	3.10	692	50	1467	27 400 (46 600 m ³ /h)	18.70 (31.0)	SINGLE
50" (127 cm)	230	1 (1.31)	5.20	680	50/60	1205	24 600 (41 800 m ³ /h)	20.40 (29.0)	LPC (variable)
50" (127 cm)	400	3 (1.27)	1.90	680	50/60	1180	24 600 (41 800 m ³ /h)	20.80 (28.0)	LPC (variable)



BF 50 ON/OFF 230V1 60 Hz															
FT/MIN	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Side view		1438.1	1497.2		474.77	935.75		265.95	581.15		305.35	429.46		244.28	354.6
Top view 1.64 ft (0.5 m)	141.84	1497.2	185.18	283.68	935.75	328.99	457.04	581.15	407.79	429.46	429.46	340.81	352.63	354.6	330.96
Top view 3.28 ft (1.0 m)	100.47	1438.1	126.08	114.26	474.77	167.45	232.46	265.95	230.49	263.98	305.35	240.34	265.95	244.28	236.4

BF 50 ON/OFF 230V1 50 Hz															
FT/MIN	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Side view		1516.9	1605.55		468.86	1142.6		279.74	600.85		281.71	439.31		238.37	319.14
Top view 1.64 ft (0.5 m)	153.66	1605.55	147.75	283.68	1142.6	360.51	480.68	600.85	502.35	457.04	439.31	350.66	301.41	319.14	370.36
Top view 3.28 ft (1.0 m)	80.77	1516.9	92.59	108.35	468.86	151.69	232.46	279.74	242.31	299.44	281.71	214.73	214.73	238.37	262.01

BF 50 ON/OFF 400V3 / BF 50 LPC															
FT/MIN	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Side view		1871.5	1739.51		421.58	1172.15		319.14	687.53		407.79	547.66		299.44	439.31
Top view 1.64 ft (0.5 m)	179.27	1739.51	161.54	332.93	1172.15	358.54	502.35	687.53	553.57	460.98	547.66	401.88	409.76	439.31	378.24
Top view 3.28 ft (1.0 m)	96.53	1871.5	92.59	126.08	421.58	175.33	258.07	319.14	262.01	291.56	407.79	299.44	307.32	299.44	275.8