

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 changed
- IE3 and IP 65 classified
- 1 or 3 phase motor 50/60 Hz
- CE 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

ACCESSORIES

- Brackets for easy mounting
- Two alternative bracket solutions: L-bracket (for mounting on a vertical pole) and T-bracket (for mounting on a vertical pole or a horizontal truss)
- Safety mesh for air in and output



LPC version managed with DOL-31



For more information
skov-secco.com

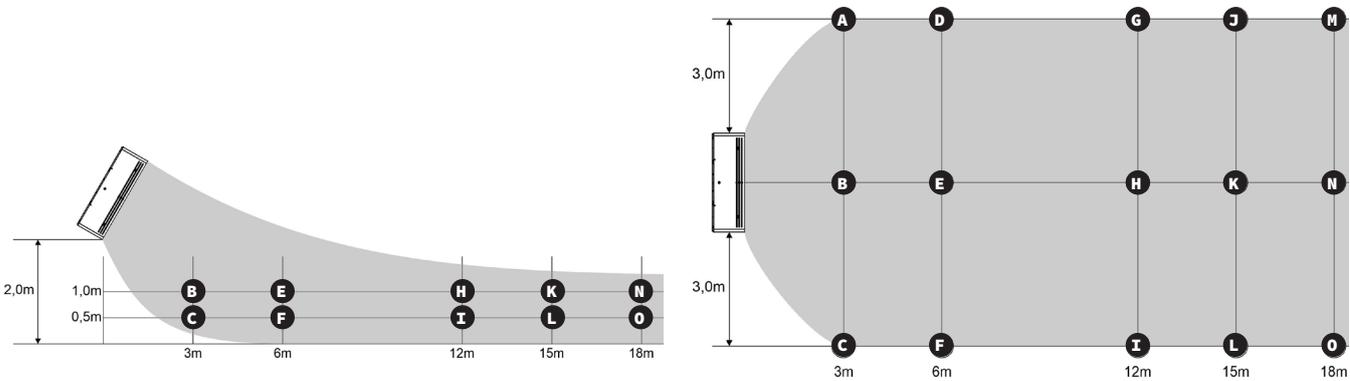


SKOV-SECCO
United by Dairy

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TECHNICAL INFORMATION

Size	Volt	PH (kW)	Amp	Hz	Power consumption at 0 Pa (Watts)	RPM	Capacity [m ³ /h] at 0 Pa	Specific energy [W/1000m ³ /h] at 0 Pa	Speed
50" (127 cm)	230	1 (1.34)	6.20	50	1345	709	44 800	30.0	SINGLE
50" (127 cm)	230	1 (1.36)	6.60	60	1391	854	43 500	32.0	SINGLE
50" (127 cm)	400	3 (1.41)	3.10	50	1467	692	46 600	31.0	SINGLE
50" (127 cm)	230	1 (1.31)	6.28	50/60	1205	680	41 800	29.0	LPC (variable)
50" (127 cm)	400	3 (1.27)	2.37	50/60	1180	680	41 800	28.0	LPC (variable)



BF 50 ON/OFF 230V1 60 Hz															
(in m/s)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Side view		7.30	7.60		2.41	4.75		1.35	2.95		1.55	2.18		1.24	1.80
Top view 0.5 m	0.72	7.60	0.94	1.44	4.75	1.67	2.32	2.95	2.07	2.18	2.18	1.73	1.79	1.80	1.68
Top view 1.0 m	0.51	7.30	0.64	0.58	2.41	0.85	1.18	1.35	1.17	1.34	1.55	1.22	1.35	1.24	1.20

BF 50 ON/OFF 230V1 50 Hz															
(in m/s)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Side view		7.70	8.15		2.38	5.80		1.42	3.05		1.43	2.23		1.21	1.62
Top view 0.5 m	0.78	8.15	0.75	1.44	5.80	1.83	2.44	3.05	2.55	2.32	2.23	1.78	1.53	1.62	1.88
Top view 1.0 m	0.41	7.70	0.47	0.55	2.38	0.77	1.18	1.42	1.23	1.52	1.43	1.09	1.09	1.21	1.33

BF 50 ON/OFF 400V3 / BF 50 LPC															
(in m/s)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Side view		9.50	8.83		2.14	5.95		1.62	3.49		2.07	2.78		1.52	2.23
Top view 0.5 m	0.91	8.83	0.82	1.69	5.95	1.82	2.55	3.49	2.81	2.34	2.78	2.04	2.08	2.23	1.92
Top view 1.0 m	0.49	9.50	0.47	0.64	2.14	0.89	1.31	1.62	1.33	1.48	2.07	1.52	1.56	1.52	1.40