

BF50 SuperFlow

HIGH PERFORMANCE ✓ DIRECT DRIVE ✓ NO MAINTENANCE ✓

The BF 50 recirculation fan is a part of the SKOVs BlueFan series. The BF 50 is specially developed for the harsh environment in animal livestock houses.

The BF 50 recirculation fan creates a pleasant house climate and contributes to healthy

INTELLIGENT DESIGN

- Optimized design for maximum air flow
- High 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 50/60Hz
- cUL approved
- 2 years warranty



and productive dairy cattle. Especially when outside temperatures are high, ventilation and sufficient air speed is of vital importance.

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

NONCORROSION MATERIALS

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

ACCESSORIES

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



LPC version managed by DOL-31

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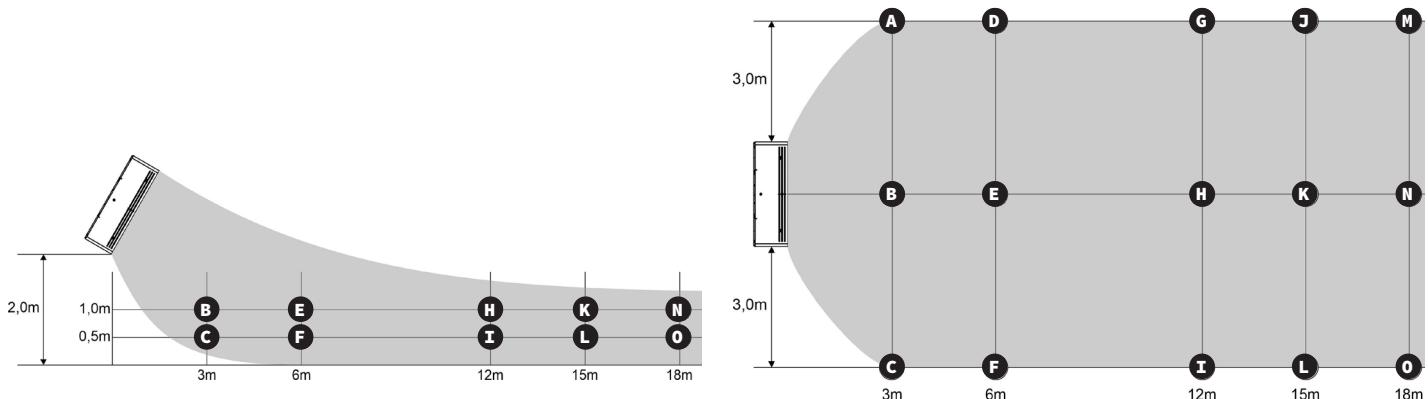


Secco Europe A/S,
Division of Secco International inc
Hedelund 4, Glyngore, 7870 Roslev, Denmark
www.seccointernational.com
www.facebook.com/seccointernationalinc/

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TECHNICAL INFORMATION

Product name	Volt	Amp	Hz	RPM	kW	Capacity [m³/h]	Specific energy [W/1000m³/h]
BF 50 ON/OFF 230V1, 50Hz	230V1	6,86	50	698	1,34	46500	28,8
BF 50 ON/OFF 230V1, 60Hz	230V1	6,55	60	845	1,36	44200	30,7
BF 50 ON/OFF 400V3, 50Hz	400V3	2,98	50	679	1,41	49300	28,5
BF 50 LPC LE 230V1 50/60Hz	230V1	6,28	50/60	680	1,31	49400	27,0
BF 50 LPC LE 400V3 50/60Hz	400V3	2,37	50/60	680	1,27	49400	26,0



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 0,5m	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 1,0m	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 0,5m	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 1,0m	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 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 0,5m	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 1,0m	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



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