

FC-102 FREQUENCY CONVERTER

The FC-102 is pre-programmed by Stienen. All parameters have been pre-set for use with Stienen equipment. This means that it will only take a few minutes to commission this frequency converter. Furthermore, this frequency converter can directly communicate with the new generation of Stienen controls.

The FC-102 is excellently suited to applications where ventilation failures might cause enormous material loss, especially in the livestock and greenhouse sectors. If any phases are down, this will be detected; likewise, if the maximum temperature in the actual converter is exceeded, this will be compensated for by an adjustment in the drive performance. In this way, problems will be signalled well in time to automatically adjust the fan speed and prevent the ventilation system from failing completely. The FC-102 offers optimum protection against peak voltages, e.g. if lightning strikes.



ECO-PROP

HIGH ENERGY EFFICIENCY



Recirculation fan

- Provides sufficient air flow
- Reduces temperature differences in the animal house
- Provides a homogeneous composition of the climate in the animal house
- Can be integrated into a cage system
- High-speed and low-speed versions
- Enables accurate regulation
- Low noise level
- CE compliant

STIENEN AGRI AUTOMATION

Stienen is a leading family company (1977) which has its roots in livestock farming. It is in our nature to be very close to our end users. We are a global supplier of innovative automation solutions for poultry and pig houses. Our climate solutions, automation systems, management software and the accompanying peripheral equipment are all developed and produced in-house.

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ECO-Prop

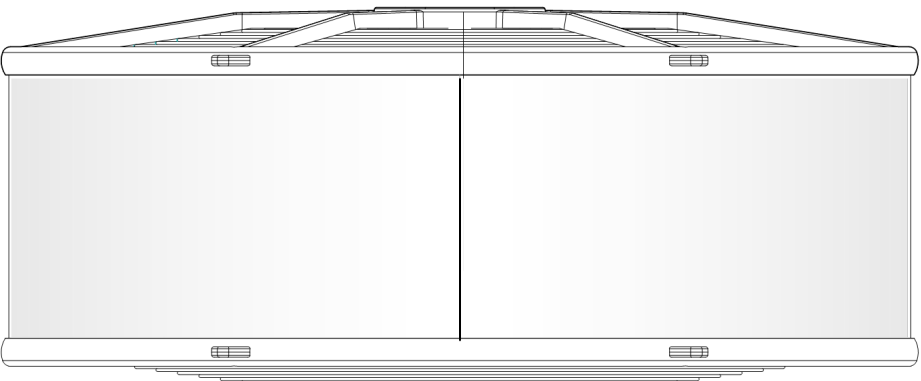
The main benefit of the ECO-Prop is its energy efficiency. Its large diameter enables this Stienen fan to displace the same amount of air as conventional, smaller fans, but at a much lower speed. This has three advantages:

- 1. considerable energy savings
- 2. low noise level
- 3. reduced draughts and/or dehydration symptoms

The ECO-Prop is covered in plastic sheeting and can be controlled accurately using the Stienen MPM-5 or SPM-6/12 power controller or a frequency drive.

SPECIFICATIONS ECO-Prop

	ECO-PROP-50	ECO-PROP-70
RPM	460 RPM	620 RPM
Current	0,78 A	0,88 A
Load	90 W	135 W
Noise level	50 dB	53 dB
Air volume	5400 m³/h	7500 m³/h
Weight	12,45 kg	12,45 kg



The ECO-Prop-50 and -70 are covered in white plastic sheeting.

GENERAL

Supply voltage	230 Vac, 50/60 Hz
Protection class housing	IP 25
Protection class actuator	IP 55
Min. ambient temperature	-5°C
Max. ambient temperature	40°C

DIMENSIONS

A	881mm
B	292mm
C	35mm
D	13mm

