Agri Automation

STIENEN

Eco-Prop

Recirculation fan for horticulture

- High energy efficiency
- Provides sufficient air flow
- Reduces temperature differences in the greenhouse
- Provides a homogeneous composition of the climate
- High-speed and low-speed versions
- Enables accurate regulation
- Low noise level
- CE-compliant

The ECO-Prop: recirculation fan for horticulture

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:

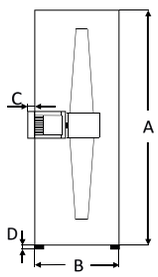
1. considerable energy savings
2. low noise level
3. reduced draughts and/or dehydration symptoms

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

Technical specifications ECO-Prop

General

- 230Vac-50/60HZ supply voltage
- protection category casing: IP-25
- protection category engine: IP-55
- min. ambient temp.: -5°C
- max. ambient temp.: 40°C



Dimensions	mm
A	881
B	292
C	35
D	13

ECO-Prop-50

RPM	460 RPM
current	0.78 A
load	90 W
noise level	50 dB
air volume	5400 m³/h
weight	12.45 kg

ECO-Prop-70

RPM	620 RPM
current	0.88 A
load	135 W
noise level	53 dB
air volume	7500 m³/h
weight	12.45 kg

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

SPM / MPM power controller

This power controller is ideally suited as an end station to control fans (230V). The Stienen BE SPM comes in 6A and 12A versions, the MPM in 5A version. The amount of power can be easily adjusted by means of a rotary knob. Multiple power controllers can be connected to the same control signal if the power to be controlled is relatively high.

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