



Original Certification: 01/13/2017
Expiration Date: 01/13/2019
Certification must be renewed annually.

Certification Number: **SWCC-16-02**

This Certificate is issued to:

Lely Aircon B.V.
Am Emsdeich 7
26789 Leer, Germany
www.lelyaircon.com

For the wind turbine model:

LA30

This Certificate represents that the above-identified Small Wind Turbine (SWT) is in conformance with the AWEA *Small Wind Turbine Performance and Safety Standard* (AWEA Standard 9.1 – 2009).

Changes to the Small Wind Turbine system design are to be approved by SWCC. If changes are made to the SWT without approval, this Certificate is not valid and is not in effect.

The wind turbine specifications relevant to this Certificate are provided on the following page.

Shawn Martin

Director of Technical Services



Please verify certification is active on the SRCC website.

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Wind Turbine Specification:

Turbine Parameters

Manufacturer.....	Lely Aircon
Model.....	LA30
Power Form	480 VAC, 3-phase, 60 Hz
Rotor Diameter	13.1 m
Rotor Swept Area	135.1 m ²
Cut-In Wind Speed	3.5 m/s
Cut-Out Wind Speed.....	25 m/s (10 min average) Peak 32 m/s
Maximum Power	38.1 kW

Turbine Ratings

AWEA Rated Annual Energy @ 5 m/s	48,800 kWh
AWEA Rated Sound Level	49.8 dB(A)
AWEA Rated Power.....	27.2 kW @ 11 m/s
Peak Power	34.2 kW @ 16 m/s

Design and Duration

Turbine design and duration test comply with AWEA Standard 9.1 – 2009 for an IEC Class II SWT with an average wind speed (V_{ave}) of 8.5 m/s and reference wind speed (V_{ref}) of 42.5 m/s.

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