



# WINDPOWER

## Nacelle Fan Heater

### Features

- Same size for all models
- Only one power supply cable
- No cable for control voltage
- Build-in overheating protection

### OVERHEATING PROTECTION

The Fan Heater is equipped with an overtemperature protection switch in order to prevent damage in case air flow is disrupted. If the temperature rises above 120°C inside the terminal box the switch will activate and cut the off power to the heating elements and the motor.

The thermal switch has to be manually reset.

### ELECTRICAL INSTALLATION

Installation must be carried out with a multipoled contact breaker with a contact space measuring at least 3 mm per pole. Permanent installation must always be performed by an authorised electrician in accordance with current regulations. Only the electrician has knowledge of current regulations. The terminals are accessible if the screws and the plate on the right and left side are removed.



- Nacelle heating made easy
- Available in other colours on request
- M20 cable gland
- 4 x M5 mounting holes 230 x 320 mm

### FUNCTION

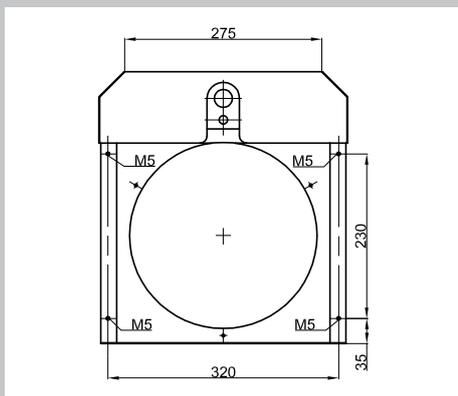
Nacelle Heaters from Lund & Sorensen A/S are special designed for cold climate applications inside the nacelle. The Heater is rigid and reliable designed when harsh performance are required. The Heater can be supplied with either 400V or 690V.

The control of the Heater must be done externally.

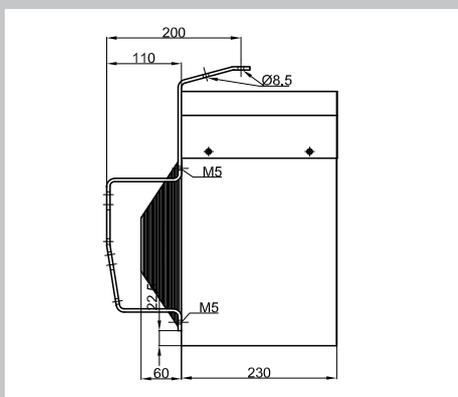


## CREATIVE ELECTRIC HEATING

Mounting brackets is compatible with most common Nacelle fan heaters.



Optional multi bracket



## TECHNICAL SPECIFICATIONS

Model	LS6400	LS6690	LS9400	LS9690
Power	6 kW	6 kW	9 kW	9 kW
Voltage	3x400 V	3x690 V	3x400 V	3x690 V
Frekvency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Dimensions (WxDxH)	345 x 295 x 385 mm			
Weight	12 kg	12 kg	12 kg	12 kg
Airflow	App.800 m <sup>3</sup> /h			
T.raise	44 °K	44 °K	65 °K	65 °K
Coating	C2			
Protection degree	IPX4			
Working temp.	-40/+25°C			

## FAN MOTOR

### ELECTRICAL SPECIFICATIONS

V~	400V
A	0.2
W	50
RPM	1300
IP Class	42
Insul. Cl.	B
Cap.	1.25µ F 450V
Working temp.:	-40 / +25°C

## APPROVAL

CE approval according to relevant EU-directives.  
Low Voltage Directive 73/23(EEC)

