



# STATIONARY FAN HEATER 6-9-12-15kW

## *Operating Instructions*

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### **General recommendations**

Read these instructions before using the appliance. Keep these instructions in a safe place for future reference.

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### **First time of use**

While the manufacturing of the heaters, oil, residues adhere to the elements. The first time of use, these residues will be burnt off, thereby occasionally triggering fire alarms. Precautions should be taken in order to prevent this from happening.

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### **Area of use**

The SH 6-15 kW fan heaters are not intended for use other than indoors. These heaters are appropriate for the heating of warehouses, workshops, storage rooms, show rooms, etc.

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### **Function**

The air is carried through the heater by a fan and heated by non-corrosive elements which are regulated by the built-in thermostat with at range of +5 - +35°C. The air speed is adjustable in three steps. Switching on or off, selecting half or full output and regulating the RPM is performed through the control box CB2, which is wall mounted for easy access. The appliance is protected from overheating via a built-in temperature limiter. To reset, see Overheating. The heater is mounted on a wall with a bracket, which allows





## **Installation**

The fan heater is intended for wall mounting. The appliance must not be placed directly under a wall-outlet. The minimum distances given in fig. 1 and 2 must be kept. The fan heaters must not be mounted on the ceiling.

- Mark holes by means of the loose bracket.

Drill holes for the fixing plugs.

Mount the bracket.

Mount the fan heater on the bracket and adjust the heater to desired vertical and horizontal position.

Screw the bottom bolt in and tighten all bolts.

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## **Electrical installation**

The electrical installation should be carried out by a qualified electrician in conformity with prevailing regulations. The heaters must be connected to 3x400V~ via the CEE-plug, see the schematic. For connection between the control box CB2 and a SH heater, the connection should be made with a cable type H05VV5-F 0,75mm<sup>2</sup> (or similar may be used) - 6-wire cable. On the back of the appliance there are two cable glands to be used for the connection to the control box CB2. When several heaters are connected to each other and controlled by a common control box CB2, it should be stated in the group centre that “the fan heaters are fed from more than one

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## **Safety**

- Ensure that the area around the intake and the exhaust grille is kept free from material which could prevent the air flow through the appliance.
- The appliance has hot surfaces during operation.

The appliance must not be covered either with clothes or similar material since overheating of the appliance can result in a fire hazard.

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## **Overheating**

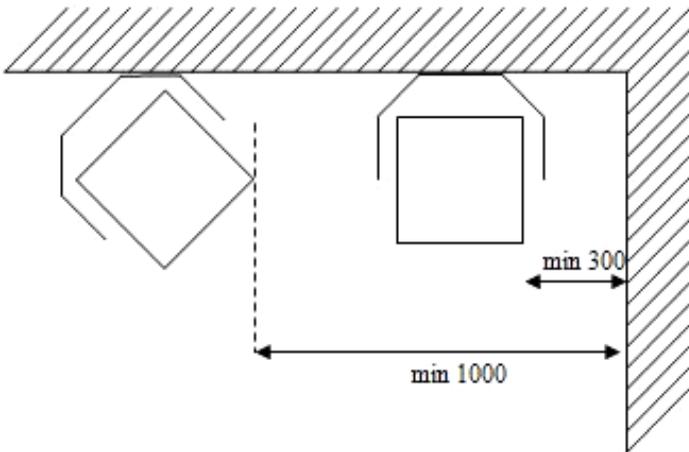
If the temperature limiter has been triggered due to overheating, reset as follows:

- Disconnect the electricity from the heater.
- Investigate the matter and repair the fault.
- Reset by opening the lid and pushing the button on top of the temperature limiter until a click sound is heard.

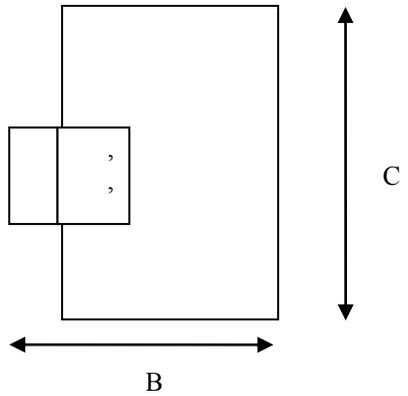
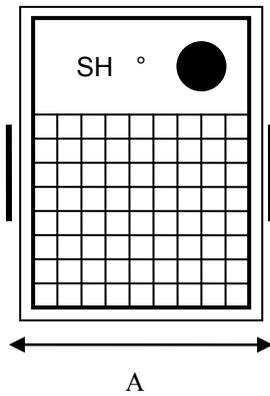
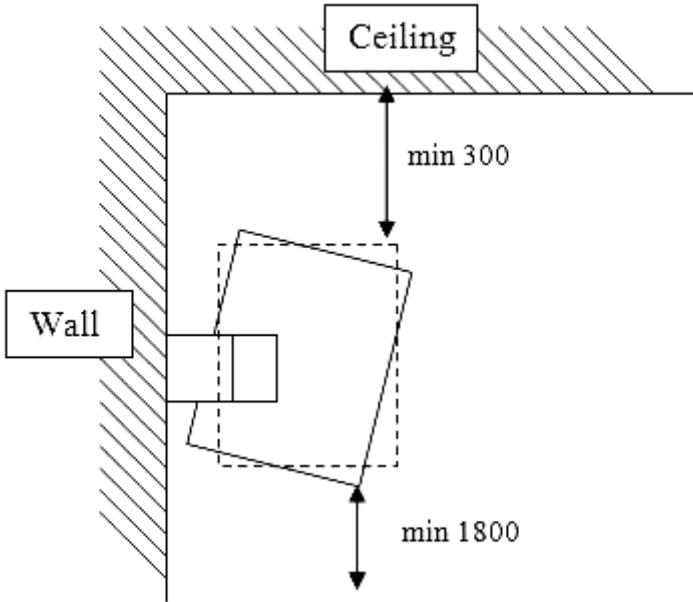
**Maintenance**

The motor and other components are maintenance-free. Dust and dirt may cause overheating and danger of fire. The appliance must be cleaned regu-

**Mounting on wall – fig 1.**



## Mounting on wall – fig 2.



Measurements in mm

SH6,SH9:

A = 400

B = 460

C = 490

SH12,SH15:

A = 450

B = 585

C = 560

# Manufacturer's Declaration of Conformity

*We, the undersigned*

**INELCO HEATERS A/S - Industrivej 3 - DK-9690 Fjerritslev**

*certify that the product:*

**Stationary Fan Heater**

<i>Type</i>	<i>Rating</i>
<b>2060</b>	<b>6kW - 3x400V - 50 Hz</b>
<b>2090</b>	<b>9kW - 3x400V - 50 Hz</b>
<b>2120</b>	<b>12kW - 3x400V - 50 Hz</b>
<b>2150</b>	<b>15kW - 3x400V - 50Hz</b>

*has been design an manufactured in accordance with the specifications of the following:*

	<i>Directive</i>	<i>Standard</i>
<b>MSD</b>	<b>89/392/EEC - 91/368/EEC, 93/44/EEC, 93/68/EEC, artikel 6</b>	<b>EN 292-1, EN 292-2</b>
<b>LVD</b>	<b>2014/35/EU</b>	<b>EN 60 335-2-30</b>
<b>EMC</b>	<b>2014/30/EU</b>	<b>EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3</b>

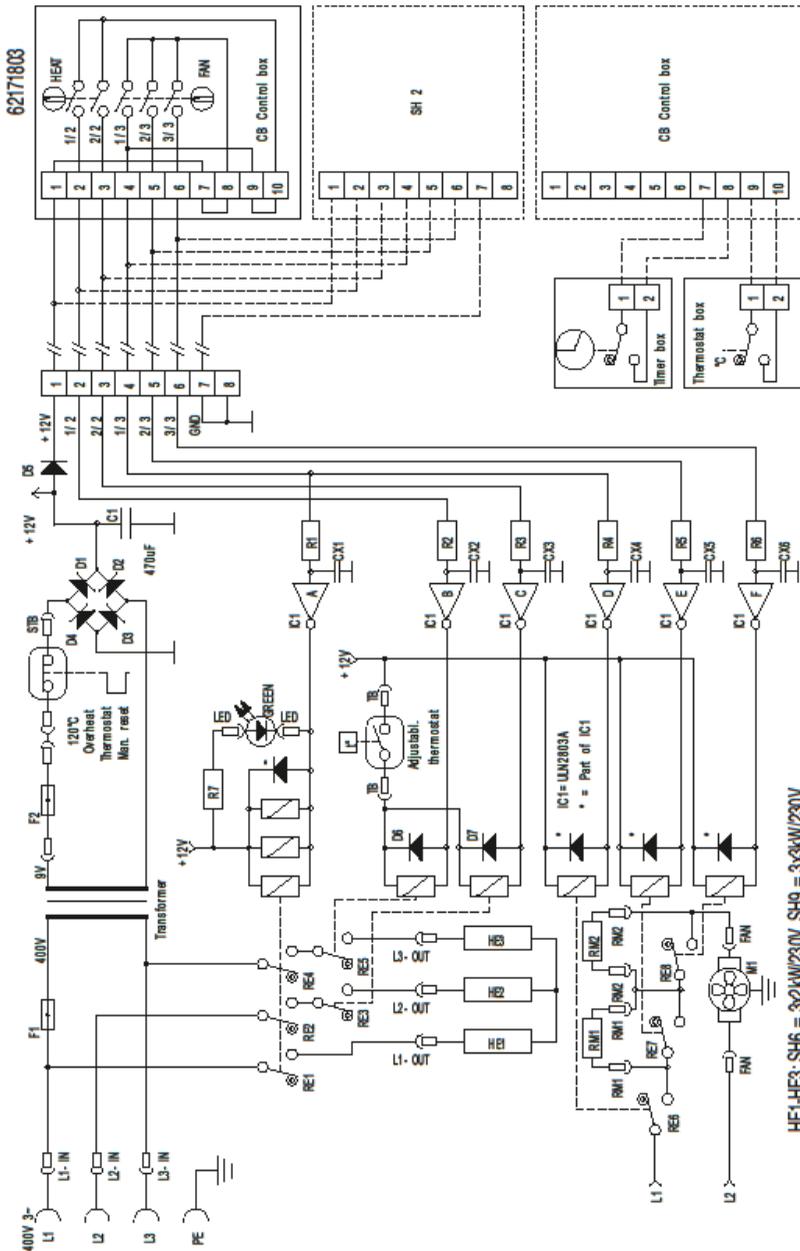


Sign.  
  
Søren Rødbrø  
Direktør | Director | Direktor

Dato | Date | Datum

01.01.2017

# Electric diagram for CB2 connection on stationary fan heater 6-9kW (62171803)



# Electric diagram for CB2 connection on stationary fan heater 12-15kW (62171804)

