FAST heaters are produced according to:

- Machinery Directive 89/392/CEE, 91/368/CEE, 93/44/CEE and 93/68/CEE
- Low Voltage Directive 73/23/CEE.

<table>
<thead>
<tr>
<th>MODEL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FAST 35</td>
<td></td>
</tr>
<tr>
<td>FAST 60</td>
<td></td>
</tr>
<tr>
<td>FAST 95</td>
<td></td>
</tr>
<tr>
<td>FAST 110</td>
<td></td>
</tr>
</tbody>
</table>

Dear Customer,
Thank you for choosing our **FAST** air heater a new, modern and high quality product that guarantees efficiency at all times. The heater is very quiet and safe specially when maintenance is made by our KONGSKILDE Technical Service.

The instruction manual contains important information that must be followed to install and operate the **FAST** heater.

We thank you again for choosing our products.

---

**WARRANTY**

The **FAST** heater is covered by a specific warranty that becomes effective from your customers purchase date, this must be proved by documentation, otherwise the production date will be used. All warranty conditions are listed in the "WARRANTY CERTIFICATE" that is supplied together with the heater, therefore we suggest you read it very carefully.
GENERAL NOTIONS
1) This manual must be considered an integral part of the machine even when transferred to another user. It must be carefully conserved and consulted before any operation. If damaged or lost your local KONGSKILDE Technical Assistance Service can send you a copy.

2) After taking off the packaging, check that all parts are complete. Otherwise contact your local Technical Assistance Service.

3) The FAST heater must be installed by a qualified installer according to the laws in force in the Country were the heater is placed and after the installement a valid certificate must be issued declaring that the heater has been installed according to the regulations in forcel.

4) These heaters have been designed to heat environments and for no other use. KONGSKILDE will not respond, if mentioned or excluded in any contract, to any responsibility regarding damage to people, animals or objects due to errors when installing, incorrect regulation or maintenance or improper use.

5) High temperature is not good for health reasons and is also a waste of electricity. Do not allow rooms to stay closed for long periods. Open windows regularly to ensure air ventilation.

6) When used for the first time, there could be smoke or bad smells that are caused by the evaporated liquid that protects the heat exchanger when stocked. This is considered a normal effect and stops after a short period. It is advisable to change the air in the room.

7) If you do not intend to use the machine for long periods, position the general electrical network switch on the “off” position.

8) When the heater has not been in use for a long period it is advisable to contact KONGSKILDE Technical Assistance Service or personnel qualified to start the heater.

9) The heaters must exclusively be equipped with original KONGSKILDE spare parts. KONGSKILDE is not responsible for damage caused by incorrect use or not original spare parts.

10) All references to laws, norms, technical regulations mentioned in this manual are for information only and are to be considered valid at the date the publication is issued. All laws that become effective or are modified as from the date of publication will not constitute any obligation from KONGSKILDE towards any third party.

11) Repairs or maintenance operations must be carried out by KONGSKILDE Technical Assistance Service or by qualified personnel as mentioned in this manual.

12) All installations (oil hoses, electrical parts, etc.) must be properly fixed so there is no risk for anyone to trip over parts.

13) KONGSKILDE must be held responsible for producing equipment that is compliant with laws, regulations or directives concerning the construction of the product. The designer, the installer and the final user must all be aware of all laws in force and observe them.

14) KONGSKILDE will not be held responsible for anyone disregarding instructions held in this manual, for operations not indicated or for any translation that may cause a wrong interpretation of the text.

SAFETY RULES

When using electrical or oil fired equipment there are some basic rules that must be observed:
Children and non assisted disabled people are not allowed to use the heater.

It is not allowed to use electrical devices such as switches, household appliances etc. When one can smell oil or smoke. In such circumstances it is important to:
- Open windows and doors to improve air circulation.
- Close the fuel supply.
- Call immediately KONGSKILDE Technical Assistance or qualified personnel.

It is not allowed to touch the heater with bare feet when parts of the body are wet.

It is not allowed to carry out maintenance or cleaning procedures before disconnecting the heater from the mains by positioning the general switch on “OFF” and stopping the fuel connection.

It is not allowed to modify the safety systems or regulation systems without the manufacturer’s authorization or indications from the manufacturer.

It is not allowed to pull, take off, twist or cut any electrical cable that comes out of the heater without the builder’s authorization. It is not allowed to open any access door to internal parts before positioning the heater switch on “OFF”.

It is not allowed to scatter, abandon or leave within children’s reach any packaging (such as carton boxes, staples, plastic bags, etc.) that could be potentially dangerous.

It is not allowed to install the heater near inflammable products or in rooms with chemical products.

It is not allowed to lay objects on the heater or insert any object inside the grid or in the combustion discharging duct.

It is not allowed to touch the fuel hose, because when the heater is functioning it can reach high temperatures and become dangerous.

It is not allowed to use adaptors, multiple jacks, or extentions for electrical connections.

It is not allowed to install the heater outdoors or in areas where the heater is exposed to weather conditions.

It is not allowed to install the heater in small environments without sufficient air ventilation, air intake can cause a heavy depression in the room that can arouse serious problems.

**DESCRIPTION OF THE HEATER**

The FAST heater functions by using the thermal energy produced through combustion. The thermal exchange occurs when the air flow, generated by a centrifugal fan, passes on the surface
of the heat exchanger without the aid of any intermedial fluid. The combustion products, once completed the thermal exchange, are ejected outside. This system allows a noticeable reduction of costs on installament and a reliable and economic use, particularly ideal for all final users that require intermittent or irregular heating. This heater can also be used, in summer, as a ventilator.

GENERAL MANUFACTURING NOTES:
The heater is composed of the following parts:

- The combustion chamber, of the “flame reversal” type, is made of AISI 430 stainless steel, resistant to high temperatures, with a low thermal charge with different shapes or volumes depending on the model.
- Tube nest heat exchanger that guarantees a maximum thermal efficiency.
- Back smoke manifold with inspection door for an easy access when cleaning pipes.
- Four way head air diffuser with revolving flaps that can be completely shut for excluding air on one side.
- External steel epossidic painted panels that can be dismantled.
- Thermal anti radiant insulation of the surfaces exposed to heat radiation of the exchanger.
- Hole set to be connected to a ducting system.
- Casing with an inspection door to protect the burner and the tank.
- Centrifugal fan with two suction inlets, noiseproof, high performance, single voltage electrical motor directly connected to a centrifugal fan.

- Large capacity oil tank equipped with filling hose, filter and connection fittings to the burner.
- Oil suction burner equipped with electrical control for fully automatic use.

ELECTRIC PARTS:

- Liquid expansion FAN” thermostat (35°C) which starts the fan 60 seconds after ignition of the burner and stops it 4 minutes after the burner stops. This avoids the cold air exiting when switched on and expels the heat accumulated in the heat exchanger once the unit has been turned off.
- “LIMIT” thermostat (100°C), with a reset manual switch, that stops the burner when the air is overheated. When the “LIMIT” switch is activated, reset only after checking and eliminating the causes for which it was activated.
- Room thermostat (0-40°C) for automatic regulation of the room temperature through a sensor positioned on the air inlet and an adjusting knob positioned on the central panel.
- Green light indicating electrical voltage.
- Yellow light indicating the “LIMIT” thermostat is working.
- Red light indicating that the burners electronic device has stopped.
- 3 position switch to set heating, ventilation or to stop.

The FAST heater can be identified through a Technical Data plate where all technical specifications are marked, it is positioned directly inside the burner cabinet.
If the data plate is damaged or lost it is necessary to request a duplicate from the KONGSKILDE Technical Service.

### AIR HEATER

<table>
<thead>
<tr>
<th>Code</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td></td>
</tr>
<tr>
<td>Serial plate number</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
</tr>
<tr>
<td>Thermal input kW</td>
<td></td>
</tr>
<tr>
<td>Thermal output kW</td>
<td></td>
</tr>
<tr>
<td>Air flow (+20°C) m³/h</td>
<td></td>
</tr>
<tr>
<td>Electrical feeding</td>
<td></td>
</tr>
<tr>
<td>Motor power kW</td>
<td></td>
</tr>
<tr>
<td>Maximum current of motor A</td>
<td></td>
</tr>
<tr>
<td>IP degree</td>
<td></td>
</tr>
</tbody>
</table>

### PARTS

1. Tank
2. Oil burner
3. Electrical board
4. Chimney fitting
5. FAN thermostat
6. LIMIT thermostat
7. Electroventilator
8. Air outlet

### SIZE
SIZE OF COMBUSTION CHAMBER

The heat exchanger has 3 smoke rings and the combustion chamber has the following size:

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAST 35</td>
<td>623</td>
<td>316</td>
<td>120</td>
<td>60</td>
<td>120</td>
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<tr>
<td>FAST 60</td>
<td>683</td>
<td>380</td>
<td>120</td>
<td>60</td>
<td>150</td>
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<tr>
<td>FAST 95</td>
<td>728</td>
<td>476</td>
<td>170</td>
<td>80</td>
<td>180</td>
</tr>
<tr>
<td>FAST 110</td>
<td>906</td>
<td>567</td>
<td>170</td>
<td>85</td>
<td>200</td>
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<tr>
<td></td>
<td>FAST 35</td>
<td>FAST 60</td>
<td>FAST 95</td>
<td>FAST 110</td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------</td>
<td>---------</td>
<td>---------</td>
<td>----------</td>
<td></td>
</tr>
<tr>
<td>Thermal input kW</td>
<td>46,8</td>
<td>71,1</td>
<td>93,0</td>
<td>104,6</td>
<td></td>
</tr>
<tr>
<td>Thermal input kcal/h</td>
<td>40.300</td>
<td>61.200</td>
<td>80.000</td>
<td>90.000</td>
<td></td>
</tr>
<tr>
<td>Thermal output kW</td>
<td>42,2</td>
<td>64,4</td>
<td>83,9</td>
<td>94,2</td>
<td></td>
</tr>
<tr>
<td>Thermal output kcal/h</td>
<td>36.300</td>
<td>55.400</td>
<td>72.100</td>
<td>81.090</td>
<td></td>
</tr>
<tr>
<td>Efficiency %</td>
<td>90,1</td>
<td>90,5</td>
<td>90,1</td>
<td>90,1</td>
<td></td>
</tr>
<tr>
<td>Combustion chamber volume Dm³</td>
<td>48,8</td>
<td>77,4</td>
<td>129,5</td>
<td>228,5</td>
<td></td>
</tr>
<tr>
<td>Oil consumption kg/h</td>
<td>3.95</td>
<td>6,00</td>
<td>7.84</td>
<td>8.82</td>
<td></td>
</tr>
<tr>
<td>Air +20°C m³/h</td>
<td>2.800</td>
<td>4.500</td>
<td>5.300</td>
<td>6.300</td>
<td></td>
</tr>
<tr>
<td>ΔT °K</td>
<td>43</td>
<td>41</td>
<td>45</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>Thermostat setting °C</td>
<td>FAN</td>
<td>35</td>
<td>LIMIT</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Electrical feed</td>
<td>230V 50Hz ~</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor power kW</td>
<td>0,245</td>
<td>0,590</td>
<td>0,736</td>
<td>0,736</td>
<td></td>
</tr>
<tr>
<td>Electrical degree IP</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net weight (burner excluded) kg</td>
<td>137</td>
<td>173</td>
<td>197</td>
<td>264</td>
<td></td>
</tr>
<tr>
<td>Tank capacity l</td>
<td>55</td>
<td>75</td>
<td>105</td>
<td>135</td>
<td></td>
</tr>
</tbody>
</table>

**HANDLING AND TRANSPORT**
The heaters must only be handled by personnel properly equipped with machinery capable of handling the weight of the heater.

If using a fork lift make sure that the fork is inserted correctly in the slots between the side supports.

⚠️ BEWARE!
When handling or moving the heater it is important to be very careful not to damage the heater or harm people.

When handling or moving the heater it is not allowed to stay near the unit.

It is not allowed to stack the heaters in layers, it is also important to line them up correctly not to create instability.

When moving the heater manually, make sure there is a sufficient number of people to lift the weight of the heater for the distance to be covered. The weight of the machine is indicated at the paragraph “TECHNICAL DATA”.

We advise the use of gloves when handling the heater.

The heater must be installed in a specific location decided by the engineer or by qualified personnel according to technical requirements and Laws or norms in force. It is advisable to obtain authorizations
such as: fire certificates, anti-pollution certificates, town-planning charts, etc. It is therefore advisable to obtain all documentation before installing the heater.

When installing the FAST heater it is important to keep in mind that:
- the heater must be positioned on well levelled and dry ground capable of sustaining the weight of the machine;
- when finding the correct installment location for the heater one must consider the distance that allows a correct air flow and allows maintenance and cleaning procedures to be carried out;
- that there must be a safety distance between the unit and inflammable materials;
- that it must be positioned near a chimney;

- that it must be positioned near the electrical supply;
- that it must be positioned so there is easy access for maintenance or cleaning operations;
- that it must be positioned in a room with air ventilation according to the Laws in force.

It is not allowed to install the heater:
- when the air is polluted with chemical agents or aggressive agents;
- when the room is narrow or restricted and the noise caused by the unit can reverberate or cause acoustic resonance;
- in dusty environments or where there are leaves or other particles that could reduce the efficiency and obstruct the air flow;
- Outdoors

Examples for installment:

- In the centre of the room with 4 open outlets
- Near a wall with 3 open outlets
- In a corner with 2 open outlets
- 1 OPEN AIR OUTLET
  NOT ALLOWED
The heater is equipped with a 4 way head with movable flaps. The regulation of the flaps must allow:
- a regular distribution of air
- a low air drag
- no interference with people

**IMPORTANT!**
It is not allowed to let the air exit only on one side.

**DUCTING**

It is possible, by ducting, to send some of the hot air to other rooms through a hole (Ø 150 for the models FAST 35/60 and Ø 300 for the models FAST 95/110) situated on the superior panel on of the head.

1. Set hole
2. Fitting (not supplied)
3. Duct (not supplied)

**FIXED PROTECTIONS**

To avoid accidental contact with any moving part of the heater it is absolutely forbidden to switch on the heater when it is not provided with its fixed protection which are:
- Burner inspection panel
- Back panel
The heater is equipped with an electrical board, a fan motor, thermostats and a burner already connected: Therefore all connections concern the general electrical feeding system.

For the connections use the socket positioned externally according to the specific electrical diagram.

**WARNING!!**
- The heater must be protected by a magnetic switch of the right size according to the “technical data” chart and according to the laws in force.
- Make sure that trained personnel checks that the cross section of the electric cables and the electric system are adequate to the maximum absorbed power of the heater that is indicated on the serial plate.
- Always earth the heater, make sure that the earth cable is longer than the mains, so if accidentaly pulled it is the last one to cut off.
- Always make sure that the polarity is correct on all connections.

**CONTROL BOARD**

1. Voltage indicator (green)
2. LIMIT thermostat indicator (orange)
3. Burner block indicator (red)
4. Switch
5. RESET LIMIT switch
6. Room thermostat

**ELECTRICAL CHART**
Caption:

- LF: Voltage indicator
- LL: Limit indicator
- LB: Burner lock-out indicator
- C: Heating / stop / fan switch
- TA: Room thermostat
- LM: Limit thermostat
- FA: Fan thermostat
- MB: Burner terminal board
- B: Burner
- MGV: Fan terminal board
- GV: Fan group
- P: Outside socket
- IMT*: Magnetic switch

External piece – Not supplied with the heater
The FAST heater is equipped with a tank that not necessarily must be installed inside the heater (if the tank is positioned far away we can supply a closing panel)

FILLING THE TANK

• Take off the burner panel
• Take off the tank cap
• Fill the tank with a funnel with a filter

REGULATING

1. Closing panel
2. Tank

1. Burner panel
2. Cap
3. Funnel with a filter
REGULATING THE OIL BURNER

Only qualified personnel can assemble and regulate the oil burner, following strictly the instruction manual of the burner.

BEWARE:
Regulation chart
RIELLO oil burner

<table>
<thead>
<tr>
<th>Burner model</th>
<th>Electrical feed</th>
<th>Burner head regulation</th>
<th>Air regulation</th>
<th>Pump pressure (bar)</th>
<th>Delavan Nozzle (G.P.H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAST 35</td>
<td>REG 5</td>
<td>230V 50Hz ~</td>
<td>2.0</td>
<td>4.7</td>
<td>11</td>
</tr>
<tr>
<td>FAST 60</td>
<td>R40G10S</td>
<td>230V 50Hz ~</td>
<td>2.5</td>
<td>4.5</td>
<td>12</td>
</tr>
<tr>
<td>FAST 95</td>
<td>R40G10S</td>
<td>230V 50Hz ~</td>
<td>5.0</td>
<td>3.2</td>
<td>12</td>
</tr>
<tr>
<td>FAST 110</td>
<td>R40G10S</td>
<td>230V 50Hz ~</td>
<td>6.0</td>
<td>3.8</td>
<td>12</td>
</tr>
</tbody>
</table>

COMMANDS

ROOM THERMOSTAT

It is installed on the unit, its function is to automatically switch on and switch off the heater in order to maintain the temperature that has been selected.

HEATING / STOP / FAN SWITCH

FUNCTIONING CYCLES

WORKING THE FAN

Follow these instructions to activate the fan:
- Connect the electricity to the unit
- Position the switch on the “fan” position

In this condition only the fan works so the air exiting the heat is the same temperature of the air entering.

WORKING THE HEATER

Follow these instructions to activate the heater:
- Connect the electricity to the unit
- Set the thermostat at the temperature required
- Position the switch on “heating”
- The burner is electrically fed and once the pre-purge has taken place the flame ignites
- One minute after the flame ignites the fan starts working and hot air exits the unit

STARTING AND STOPPING

STARTING

The heater must be started for the first time by qualified personnel, who must check that the heater has been correctly installed, the regulation works and that the safety norms have been observed.

All data indicated here is by way of example. The regulation of the combustion air changes according to the chimney characteristics, and this occurs by adjusting the air lock according to the instructions on the manual.
Starting the heater for the first time:

- Close the room thermostat contact: the burner starts its cycle and following the pre-purge the flame ignites.
- Check that the fan starts one minute after ignition.
- Check combustion.
- Wait for the heater to reach its steady-state condition (~20 min.) and check that the LIMIT thermostat is not functioning.
- Open the room thermostat contact and check that the burner has stopped.
- Close the room thermostat and start a new ignition cycle on the burner.
- Close the fuel valve and check the burner is blocked.

- Check the fan stops automatically.

ATTENTION
When starting for the first time it is possible that the burner stops because fuel does not immediately flow to the burner. If this occurs wait for at least 30 seconds, push the switch and start the same operation again.
When ignited, during the first few hours, there could be smoke due to paint or joints being heated. This is normal and will stop after a few hours. Always make sure air ventilation is regular.

STOPPING
Stop the heater EXCLUSIVELY BY ACTING DIRECTLY ON THE ROOM THERMOSTAT.

To control the heater is working correctly it is necessary to carry out some basic tests:

- Check that the fan is working about 1 minute from ignition of the burner.

When the heater is running regularly (after running for about 20 seconds non-stop):

- Check there is no fuel leakage.
- Check the correct fuel flow with a fuel-meter (if possible).
- Check the setting corresponds to the indication in the “TECHNICAL DATA” section.

- Check the temperature rise corresponds to information contained in the “TECHNICAL DATA” section.
- Open the contact on the room thermostat and check it works only on the burner and does not simultaneously stop the fan.
- Check that the current intake value of the motor/s is not higher than the value indicated on the data plate.
- Check that the fan rotates for about 4 minutes from when the burner stops working.

MAINTENANCE
We recommend, to work and conserve the heater correctly, to clean regularly and carry out maintenance. Any maintenance operation must be made only by trained personnel.
Maintenance must only be done when the unit is cold with the electrical and fuel connections switched off. It is advisable to use protective gloves, and if any equipment such as ladders etc. are used it is important to work in safe conditions.

CLEANING THE HEAT EXCHANGER

The heat exchanger should only be cleaned by qualified personnel following the relevant regulations. We suggest to clean the heat exchanger at least once a year. Please follow the instructions below:

**FAST 35/60**

- Remove the rear panel.
- Remove the fixing screws of the inspection panels.
- Extract the baffle plate.
- Clean the smoke pipes using a steel brush. Clean the exhaust gas manifold and carefully remove residual soot.
- If required replace the inspection door gasket to ensure a good air-tightness.
- Reassemble all the components taking care not to forget the baffle plate.
- To clean the combustion chamber extract the burner from the fixing flange, set it on a flat surface and remove dirt and soot with a vacuum or by hand.

**FAST 95/110**

- Clean the exchanger elements using a steel brush.
- To clean the combustion chamber extract the burner from the fixing flange, set it on a flat surface and remove dirt and soot with a vacuum or by hand.
- If required replace the inspection door gasket to ensure it is air-tight.
- Reassemble all the components taking special care they are air-tight.

CLEANING THE OIL BURNER

The oil burner cleaning operations should be carried out by qualified technicians who follow the instructions contained in the instruction manual of the burner itself.

FAN MAINTENANCE

When cleaning the heat exchanger, also check and clean the fan rotor. By disassembling the same panel you can also collect objects that could have fallen into the lower vane.

**FAST 95/110**

- Remove the upper panel.
- Remove the fixing screws of the inspection panel.
In the illustration we have indicated the correct position for drawing a sample of the exhaust gases to analyze the quality of combustion:

INSTALLMENT, STARTING AND MAINTENANCE OPERATIONS FOR THE KONGSKILDE AIR HEATERS SHALL BE CARRIED OUT BY QUALIFIED TECHNICIANS.

IF YOU NEED HELP FOR MAINTENANCE OR REPAIRS PLEASE DIRECTLY CONTACT KONGSKILDE TECHNICAL SERVICE, WHO WILL ADDRESS YOU TO THE NEAREST SERVICING AGENCY.
## Malfunctions, Causes and Remedies

<table>
<thead>
<tr>
<th>MALFUNCTION</th>
<th>PROBABLE CAUSE</th>
<th>RECOMMENDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>The burner does not start</td>
<td>No power</td>
<td>Check position of general power switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Check the line</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Check connections</td>
</tr>
<tr>
<td></td>
<td>Switch incorrectly positioned</td>
<td>Check and turn to the heating position</td>
</tr>
</tbody>
</table>

### The burner does not start: The yellow light switch indicates that the LIMIT thermostat has been activated

- Excessive delivery of fuel
  - Set to rating data
- Failure of the air ventilator
  - Check connection or repair if faulty
- Accidental obstruction of the intake grids
  - Remove the obstruction
- Faulty LIMIT thermostat
  - Replace the thermostat
- Faulty fan thermostat
  - Replace the thermostat
- Closed flaps on the outlets or too low
  - Open the flaps

### The burner does not start: The red light switch indicates that the electronic flame control unit is blocked.

- Power supply voltage higher than 220 V + 10%
  - The voltage must not exceed 242 V
  - Replace the flame control unit
- Dirty photocell
  - Clean the photocell
- Faulty flame control unit
  - Replace
- Too much smoke
  - Adjust the air delivery to the fuel
- Broken motor-pump coupling
  - Replace
- No fuel
  - Fill the tank

### The burner does not start: the red light switch indicates that the electronic flame control unit is blocked. By pressing the switch the equipment remains blocked.

- Faulty flame control unit
  - Replace
Faulty thermostat
- Replace the thermostat

The heater operates continuously without reaching the required temperature
- The thermal power of the heater is insufficient to heat the environment
  - Replace or integrate with an appropriately rated appliance
- The fuel consumption is lower than normal
  - Adjust to the power indicated in the chart
- The heat exchanger is dirty
  - Clean

The heater creates condensation and becomes dirty
- Insufficient consumption of fuel
  - Adjust to the power indicated in the chart

The fan does not start
- Faulty motor and/or capacitor
  - Repair or replace
- Faulty FAN thermostat
  - Replace thermostat
Please note that all details and specifications contained herein are correct at the time of going to print. However, due to continuous technical improvement, KONGSKILDE A/S reserves the right to change specifications at any time without prior notice. Always consult the data plate on the heater.