

KAMBROOK

THE SMARTER CHOICE



5 Fin/7 Fin/11 Fin Oil Column Heater

Suitable for all
KOH105/KOH107/KOH111 models

Instruction Booklet

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Due to continual improvement in design or otherwise, the product you purchase may differ slightly from the illustration in this book. Issue A11

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Important

Please retain your instruction book for future use.

In the event that you need some assistance with your Kambrook appliance, please contact our Customer Service Department on 1300 139 798 (Australia) or 0800 273 845 (New Zealand). Alternatively, visit us on our website at www.kambrook.com.au or www.kambrook.co.nz

Kambrook Recommends Safety First

IMPORTANT: Please retain your instruction book for future use.

At Kambrook, we believe that safe performance is the first priority in any consumer product, so that you, our valued customer, can confidently use and trust our products. We ask that any electrical appliance that you use be operated in a sensible fashion with due care and attention placed on the following important operating instructions.

Important Safeguards For Your Kambrook Oil Column Heater

- Carefully read all instructions before operating the oil heater and save for future reference.
- Remove any packaging material and promotional stickers before using the oil heater for the first time.
- To eliminate the choking hazard for young children, remove and safely discard the protective cover fitted to the power plug of this oil heater.
- Avoid touching the oil heater body while it is on, as some parts of the oil heater are hot. When moving the unit switch off and hold the oil heater by the handles where provided.
- Always keep combustible materials such as drapes and other furnishing at least 1.7 metres away from the front, sides and rear of the oil heater.
- To prevent a possible fire or heat damage, allow ample space around the oil heater (at least 0.5m from the front, top, rear and sides of the heater) and do not totally or partially covered the oil heater in any manner. Check the unit's openings from time to time for accumulated dust.
- Do not mount on ceiling or walls.
- Do not leave the oil heater unattended. Always switch off the oil heater at the controls and at the power outlet then unplug from the power outlet when not in use.
- Do not use the oil heater to dry your laundry.
- Do not operate the oil heater whilst asleep.
- Do not operate the oil heater with a damaged cord or plug, or if the heater has been dropped or damaged in any manner. Return the oil heater to your nearest Kambrook Service Centre for examination, electrical or mechanical adjustment or repair.
- This oil heater is not intended for commercial use, such as construction sites.
- Do not locate the oil heater immediately below and in front of a socket outlet when in use.
- Do not use this oil heater with an external programmer, timer or any other device that switches the oil heater on automatically since a fire risk may exist if the heater is covered or positioned incorrectly.
- This oil heater is not intended for use in wet or moist locations. Do not immerse or allow liquids to be spilt on the oil heater.
- Do not use this oil heater in the immediate surroundings of a bath, a shower or a swimming pool.
- This oil heater has hot and arcing or sparking parts inside. Do not use in areas where petrol, paints, aerosols, or other inflammable substances are used or stored.
- Do not operate the oil heater with the power cord damaged, frayed or split, wound around any part of the oil heater, or in contact with heated surfaces of the oil heater.



WARNING: In order to avoid overheating, do not cover the heater.

- Extreme caution and supervision is necessary when this oil heater is used by or near children, invalids or animals.
- Important – this oil heater is intended for floor use only.

- Do not allow materials that have been in contact with oil, petroleum based products or drying fluids to come in contact with the heater.
- Do not run the cord under carpeting or cover the cord with rugs, runners or the like. Arrange the cord away from traffic areas and where it will not be tripped over.
- To disconnect the oil heater, switch control to off, turn off at the power outlet then remove the plug from the outlet.
- Do not insert or allow foreign objects to pass through the inlet or outlet openings. This may cause an electric shock, fire or damage the oil heater.
- Do not touch hot surfaces.
- Switch off at the control switch and power outlet, then unplug and allow the oil heater to cool down before cleaning or storing.
- Do not place the oil heater near the edge of a bench or table during operation. Ensure the surface is level, clean and free of water and other substances
- Always ensure the oil heater is properly assembled before use. Follow the instructions provided in this book.
- Do not leave the oil heater unattended when in use.
- Do not operate the oil heater on an incline plane. Do not operate the oil heater unless the element is fully immersed. Do not move while the oil heater is switched on.
- Use this oil heater only as described in this instruction manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury and voids all warranties.
- This oil heater is filled with precise quantity of special oil. Repairs requiring opening of the oil container are only to be made by the manufacturer or service agent who should be contacted if there is an oil leak.
- When disposing of the oil heater, follow regulations concerning the disposal of oil heater in your local council, State or Country.
- To avoid an electrical overload, it is recommended that no other appliances are plugged into the same circuit as your oil heater when it is in use.
- Keep the oil heater clean. Follow the cleaning instructions provided in this book.

Important Safeguards For All Electrical Appliances

- Fully unwind the power cord before use.
- Connect only to a 230V or 240V power outlet
- Do not let the power cord hang over the edge of a bench or table, touch hot surfaces or become knotted.
- To protect against electric shock, do not immerse the power cord, power plug or appliance in water or any other liquid, unless it is recommended in the cleaning instructions.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance, by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- It is recommended to inspect the appliance regularly. Do not use the appliance if the power supply cord, plug, connector or appliance becomes damaged in anyway. Return the entire appliance to the nearest authorised Kambrook Service Centre for examination and/or repair.
- Any maintenance other than cleaning should be performed at an authorised Kambrook Service Centre.
- This appliance is for household use only. Do not use this appliance for other than its intended use. Do not use in moving vehicles or boats. Do not use outdoors. **Misuse may cause injury.**
- The installation of a residual current device (safety switch) is recommended to provide additional safety protection when using electrical appliances. It is advisable that a safety switch with a rated residual operating current not exceeding 30mA be installed in the electrical circuit supplying the appliance. See your electrician for professional advice
- Always turn the appliance to the OFF position, switch off at the power outlet and unplug at the power outlet when the appliance is not in use.
- Before cleaning, always turn the appliance to the OFF position, switch off at the power outlet, unplug at the power outlet and remove the power cord, if detachable, from the appliance and allow all parts to cool.
- Do not place this appliance on or near a heat source, such as hot plate, oven or heaters.
- Position the appliance at a minimum distance of 20cm away from walls, curtains and other heat or steam sensitive materials and provide adequate space above and on all sides for air circulation.

Your Oil Column Heater

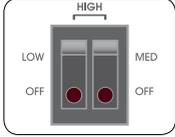
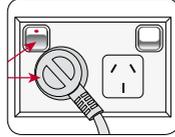
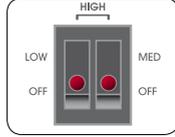
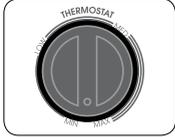
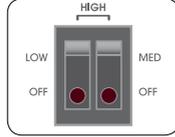
1. Carry handle
2. Thermostat control knob
3. Heat setting switches
4. Cord storage
5. Castor wheels
6. Radiator fins
7. 24 hour programmable timer (KOH111 and KOH111B models only)



KOH111 in white depicted

THERMO GUARD
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Quick Start Guide

Turning the heater on after assembly		Setting the heating mode	Setting the thermostat
			
Switch the Power and Heat setting switches to the off position. For KOH111 models, make sure that the switch on the timer is set to '1'.	Plug the cord into a 230V or 240V power point and switch on.	Switch both of the Power and Heat setting switches on.	Turn the Thermostat control knob in a clockwise position until it stops.
Turning the heater off			
			
When the desired room temperature is reached, turn the Thermostat in an anti-clockwise direction until a click sound is heard, then stop.	Turn the heater off by switching both of the Power and Heat setting switches to the off position.		

Hints/Tips to Retain Heat in Your Home

- Don't overheat your home. The temperature of a heated room in winter should be 18-21°C
- Your heater will work more efficiently if you stick to Kambrook's recommended clearance spaces
- Choose the right size heater for the room type you want to heat
- Zone off unoccupied rooms by closing doors and only heat the main living areas
- Fit window coverings like curtains to limit winter heat loss
- Put draft stoppers, such as a rolled up towel, at the bottom of outside doorways to keep out cold air
- Keep the heat in and the cold out by installing wall and ceiling insulation.
- Avoid placing items too close to the heater (both at the front and back) for optimal air flow

Using Your Oil Column Heater

Before First Use

Remove any promotional material or packaging from the heater.

The oil heater requires a small amount of assembly before use.

Assembling Your Heater

NOTE: Before operation, please make sure that the castor wheels have been correctly fitted to the castor wheel mounting plate (for KOH105, KOH105B and KOH107 only) and the castor wheel mounting plate is securely fitted to the body of the oil heater (all models).

Castor Wheel Assembly (KOH105, KOH105B, KOH107)

1. Unpack the castor wheels from the packaging and remove the nut, spring washer and flat washer from the castor wheel shaft.
2. Unpack the castor wheel mounting plate from the packaging. Feed the castor wheel shaft upwards through the underside of the castor wheel mounting plate, and align the rectangular locator on the base of the castor wheel shaft with the slot on the mounting plate. The castor wheel shaft and mounting plate should fit together snugly.
3. Replace the flat washer and spring washer back on to the castor wheel shaft, over the top of the mounting bracket and secure tightly with the nut provided. The nut may need to be tightened with a spanner (Fig.1).



Fig. 1

Mounting Bracket Assembly (all models)

NOTE: Always secure the mounting plate between the last two fins at each end of the oil heater (Fig.2).

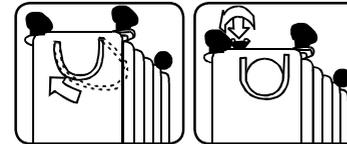
NOTE: Make sure that the castor wheels are positioned away from the centre of the heater to provide greater stability (Fig.2).



Fig. 2

1. Place the radiator body upside down on a soft surface to avoid damage to the heater. Make sure it is in a stable position and will not fall.

2. Place the mounting plate onto the base of the oil heater, between the last two fins at each end.
3. Remove the wing nuts provided from the U bolt assembly.



4. Hook the U bolt around the body section, joining the last two fins, and feed each end back up through the top of the mounting plate. Secure the U bolt to the mounting plate with the plastic wing nut provided.
5. Repeat at the other end of the heater.
6. Return the unit to an upright position, and it is now ready for use.

Turning Your Heater On

Always place the heater on a firm, level surface in a stable upright position and unwind the cord to its full length.

Ensure the Heat Setting switches are switched to 'OFF'.

Plug the cord into a 230V or 240V power point and switch on.

NOTE: To avoid an electrical circuit overload, it is recommended that no other appliances are plugged into the same circuit as your heater, when it is in use.

Setting The Heating Mode

All Kambrook oil heaters operate in manual heating mode only, except for the KOH111 and KOH111B models, which can also operate using the programmable timer. To operate using the programmable timer, see the 'Setting the Programmable Timer' section.

The oil heater has two switches, offering three heat settings.

LOW



MED



HIGH



Setting	KOH105/ KOH105B	KOH107	KOH111/ KOH111B
LOW	400W	600W	1000W
MED	600W	900W	1400W
HIGH	1000W	1500W	2400W

Setting The Thermostat Control

Your Kambrook oil heater is fitted with a variable thermostat which is designed to assist you in setting a comfortable room temperature.

Turn the thermostat control knob clockwise to the MAX position. This will ensure that the room heats up as fast as possible.

When the room reaches a comfortable temperature, turn the thermostat control knob slowly in an anti-clockwise direction (towards the MIN position), until a click sound is heard. The oil heater will now continue to cycle on and off, to maintain this room temperature.

Setting the Programmable Timer (KOH111 and KOH111B models only)

The KOH111/B is fitted with a 24 hour programmable timer, which enables the heater to be set to switch ON and OFF automatically, once a heat setting mode has been selected.

The timer will only work when power is supplied to the unit.

The timer has two settings:

- I – ON, the heater can be used manually;
- ⌚ – Timer Operation, the heater can be used in the timer mode and will only operate if some of the pins have been engaged.

To activate the timer operation, select the ⌚ setting on the timer.

Set the current time (using a 24 hour clock) on the timer, by rotating the dial clockwise until the correct time of day is located opposite the arrow.

To set the time you want the heater to turn on, push the red pins outwards and to set the time that you want the heater to switch off, push the pins inwards. Each pin represents a 15 minute period. For example, if you want the heater to operate for 60 minutes at 7pm before switching off again at 8pm, 4 pins will need to be pushed outwards in a row between 19 and 20.

NOTE: The programmed timer can be over ridden at any time by switching the timer back to the 'I' (ON, manual) mode.

NOTE: For the heater to operate in 'Timer' mode, both the timer needs to be set to the ⌚ setting, and pins need to have been moved to the outward position.

ThermoGuard Overheating Safety Device

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Your heater is fitted with a safety device that switches off the heater in the event of overheating. Should this heater stop working, turn off the heater and inspect the air inlet and outlet for blockages. Wait for the heater to cool for the protection system to reset before attempting to restart the heater.

Care and Cleaning

Ensure that the heater is switched off and disconnected from the power point before cleaning.

Use a clean, dry cloth to clean the external surfaces of the heater.

Do not attempt to open up any parts of the heater as there are no customer serviceable parts inside.

When not in use, store the heater (preferably in its original box) in a cool, clean and dry location.