



50HE Operating Instructions

Important Safety Precautions

- 1) Do not operate (or install) the unit into any of the following area's:
 - Areas containing explosive gas
 - Areas containing combustible gas
 - Areas containing corrosive gas
 - Areas containing conductive dustOtherwise it will cause electrical problems, and this spot cooler is not explosion proof.
- 2) Environmental conditions during operation:
The temperature range should be between 20°C (68°F) and 45°C (113°F) with a relative humidity of 50% or less. If the unit is used in an area where this temperature and humidity range is exceeded, the protection device may activate. For example, the unit might stop running or the compressor might not function correctly.
- 3) Make sure the unit is placed securely on a flat, stable foundation free from vibrations. The floor should be strong enough to support the weight of the unit (mobile use or floor installation)
- 4) Do not use this unit for any application other than cooling and / or air circulation

Precautions for Use

Operating Instructions

- 1) The air filters should be installed before the unit is activated. This will prevent the entry of dirt into the Spot Cooler, and a subsequent reduction in cooling efficiency, or even failure
- 2) Connect the necessary accessories (optional) on the cooled air cooled before switching the unit on
- 3) When the machine is switched off, a 3 minute delay period should be observed. Turning the unit on before this time has elapsed may cause the circuit breaker to activate
- 4) Turn the control switch to the 0/OFF position after a power failure. When the power is restored, restart the unit
- 5) If any abnormal conditions are observed during operation, such as excessive vibration, noise, or burning smells, switch the unit off at the main power supply immediately and contact London Cool on 0800 440 444
- 6) Do not turn the control switch aggressively or unnecessarily
- 7) Do not move the unit while the fan or cooler is running (in case of mobile use)
- 8) If the unit has been made mobile with the castor kit, the castors should be locked at all times other than when moving the unit
- 9) Do not insert your hands or other objects into the air outlets. Touching the rotating fan is very hazardous. Caution should be taken when using the unit near children or pets.
- 10) Do not obstruct the air inlets or outlets, as restricted air flow will reduce cooling performance and possibly activate the protection cut-off device
- 11) This cooler is a Spot Cooler. In enclosed spaces it is recommend to use ducting to discharge the condenser (warm exhaust) air via a window or door etc
- 12) Always use wire filters (optional) in area's where sparking may occur and cover the power cord with a non-flammable protection cover
- 13) Do not remove the plug from the socket by pulling the lead. Hold the plug when connecting or disconnecting the power supply

Attention

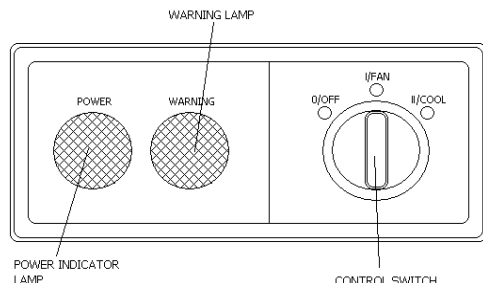
Do not forget to attach the adhesive caution place (supplied separately) to the unit, where it can be easily seen when the unit is in operation.

Maintenance Precautions

- 1) Remove the plug from the socket before attempting inspection or maintenance work
- 2) To avoid electrical shock or leakage, do not clean the Spot Cooler by pouring water directly on to the electrical components

Instructions for Use

Control Panel



In case of floor installation or mobile use, the unit can be operated by means of the control switch on the control panel.

The operating instructions is the same as described below:

- 1) In position I/FAN the evaporator fan is switched on. The unit circulates the air only
- 2) In position II/COOL the compressor is activated as well and the cooling operation will start
- 3) Turn the control switch to 0/OFF position to switch the unit off

Overview functions control switch

Switch Position	Operation		
	Compressor	Evaporator Fan	Condenser Fan
0/OFF	Unit is switched off		
I/FAN	Off	Working	Off
II/COOL	Working	Working	Working

Inspection and Maintenance

Cleaning the air filter. Why?

If an air filter is clogged with a substantial amount of dust, air ventilation will be impaired, as will the outlet flow rate and cooling performance. Moreover, the compressor might be adversely affected. Remove the air filter and wash it once a week under normal circumstances, or, when the unit is used in a dusty environment a few times a week.

1) Removing and washing the air filter

- Removing an air filter
Lift the handle of the air filter with one hand and pull the bottom part towards you with the other. Follow the reverse procedure to install it.
- Washing the air filter
Use a vacuum cleaner to vacuum the dust from the air filter or rinse it with cold or lukewarm water. If the filter is extremely dirty, use a neutral detergent to wash it. Afterwards rinse it well with clean water and dry it before re-installing. Do not use organic solvents such as trichlene, gasoline, or thinners.

2) Cleaning the external panels

Wipe off dirt with a soft cloth. If it is extremely dirty, use a cloth with a neutral detergent for cleaning. Then wipe off and dry it using a dry cloth afterwards. Do not use organic solvents such as trichlene, gasoline, or thinners.

3) Inspection of circuit breaker operation

The circuit breaker should be tested at least once a month. Make sure it operates correctly by pressing the button

4) Abnormal noises, shaking

The unit should not shake or make abnormal noises while it is in operation

Seasonal Inspection

Inspection at the start of the season

The cooling ability of the Spot Cooler during the season will depend upon the condition of the unit at the start. Inspection and maintenance should be conducted properly and carefully.

1) Inspection of the drain pipe

Check if the drain pipe is blocked. Run water through the drain pipe and make sure it runs smoothly

2) Inspection of the electrical wiring

As with all electrical devices, ensure that either the plug is removed from the mains power supply or that the power supply is completely disconnected before inspection. Check if the wires of the connection terminals inside the control box are not loose. Special care should be taken for the terminals listed below:

- Terminals through which a large current is running
- Earth terminal

Inspect both the earth terminal and the power supply cord carefully, as they might have been disconnected during the off season.

3) Inspection of the circuit breaker

Press the inspection button and make sure it operates

4) Inspection of abnormal sound and vibration

Check for abnormal sound or vibration, as well as for missing or loose nuts. It is possible, shortly after the unit had been stopped or started, that you can hear the sound of liquid moving inside the unit. This sound is no cause for concern as it is the coolant moving inside the unit,

5) Inspection of the air filters

Determine if the air filters are clogged. If this is the case they should be cleaned with water. For instructions regarding the removal and washing of the air filter refer to the section "Inspection and Maintenance".

Inspection at the end of season

- 1) Dry the inside of the unit, by switching it to I/FAN on a dry sunny day and run the unit for approximately 8 hours
- 2) Turn off the power supply
- 3) Re-install the air filters after cleaning
- 4) Place the cover, which is packed with the unit, on the exhaust duct, to prevent dust from entering the unit
- 5) Store the unit for the next season in a clean and dry environment

Prior to Requesting Repair

This spot cooler is manufactured under strict quality control. If, however, during operation an abnormality occurs check the following items.

When the unit is not working:

- 1) Check if the power is on
- 2) Check if the fuse has blown. If the fuse blows again after replacement, repairs may be necessary. In this case please call London Cool on 0800 440 444
- 3) Check if the WARNING lamp (red) is on – Check and clean (or replace) the air filters and re-start the unit. If the warning lamp is still on, switch the unit off and contact London Cool on 0800 440 444

When the cooling ability is insufficient

- 1) Is there a hidden heat source near the unit?
 - Remove the heat source
- 2) Is the unit standing in direct sunlight?
 - Use blinds or curtains
- 3) Is the air filter clogged?
 - Clean the air filter
- 4) Are there any obstacles obstructing the air inlet and outlet?
 - Remove the obstacles

If the problem persists after checking all the items mentioned above, switch the unit off, disconnect the power cord and contact London Cool on 0800 440 444.

London Cool air conditioner rental and sales

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