



30HE Industrial Air Conditioner

Important safety precautions

- 1) *Do not operate (or install) the unit(s) in the following areas:*
 - a. Areas containing explosive gases
 - b. Areas containing combustible gases
 - c. Areas containing explosive gases
 - d. Areas containing conducting dust

This will cause electrical problems and it 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

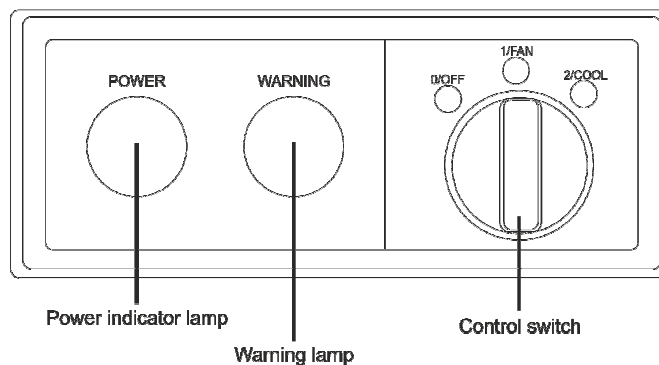
- 3) Make sure the unit is placed securely on a flat, stable foundation, free from vibrations. The floor should be strong enough to support the weight of the unit (mobile use or floor installation)
- 4) **DO NOT USE THIS UNIT FOR ANY APPLICATION OTHER THAN COOLING AND/OR AIR CIRCULATION**

Precautions for use

- 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 outlet 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 call 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 wagon kit the casters 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 hazardous
- 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 recommended to use ducting to discharge the condenser (warm exhaust) air via a window or door
- 12) Always use wire filters (optional) in areas 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

Instructions for use



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

- 1) In position 1/FAN, the evaporator fan is switched on. The unit circulates the air only
- 2) In position 2/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		
1/Fan	Off	Working	Off
2/Cool	Working	Working	Working

Troubleshooting

Problem	Cause	Solution
When the unit is not working	Power is off	Switch on the power
	Fuse has blown	Replace the fuse
	Warning lamp is on	Clean the air filters and re-start
When the cooling ability is insufficient	A hidden heat source is nearby	Remove the heat source
	The unit is standing in direct sunlight	Use blinds or curtains to obstruct the sunlight or re-locate the unit
	The air filter is clogged	Clean the air filter
	There are obstacles obstructing the air inlet or outlet	Move the obstacles away from the unit