

## 0589/01 BLIZZARD SPOT COOLER

### BASIC SAFETY

Before using this equipment and to avoid personal injury, carefully read and understand these instructions. If there is anything you do not understand, **DO NOT** use this equipment; contact the hire company for advice.

Make sure you are aware of all safety requirements and that this equipment is suitable for the task you wish to undertake.

The work area must be cordoned off from the general public and bystanders.

This equipment must not be operated by persons who are under the influence of alcohol or drugs. Do not use this equipment if you are tired or unwell.

**This equipment must only be used by persons who are medically fit to do so. If you have any medical condition, are recovering from any medical condition or suffer from any mental or physical disability, you MUST seek professional medical advice before using this equipment.**

You **MUST** perform a risk assessment before using this equipment to ensure your safety and the safety of others.

Do not wear loose jewellery or clothing that may get in the way or become trapped in the equipment.

Inform everyone in the area of what you are doing.

### DAMAGE RISK

**Never place the Air Conditioner or its components on any surface, which may be damaged by heat, cold or water.**

Always operate, store and transport this equipment in an upright position.

Do not cover this equipment or obstruct its air intake or outlet.

**GET FAMILIAR!** You must understand how to switch this machine **OFF** quickly in case of an emergency.



**This equipment weighs in excess of 25KG; do not attempt to lift it.**

Make sure that all guards are present and correctly fitted.

Do not lift or move the unit by its power supply cable or umbilical cord.

Always switch **OFF** the Air Conditioner and isolate it from the power supply before cleaning, making adjustments or when left unattended.

Carefully inspect the equipment before use, if there is any doubt about its conditions, **DO NOT USE IT.**

### ELECTRICAL SAFETY

The hirer is responsible for providing an adequate electrical supply on site for the amount of equipment being connected to the supply. Check the voltage is correct and that the supply can deliver the current required for the equipment (the power requirements of the equipment will be shown on its rating plate).

## PREPARATION

Choose a location for the unit where the floor is level and stable. Make sure that the power supply and exhaust exit are within easy reach.

Keep a minimum 300mm space around the unit for good air circulation. **DO NOT** cover the unit's ventilation slots.

## SETTING UP THE AIR CONDITIONER

Position the unit as required and lock the front castors. Check that the flow of air will not disturb dust or paperwork. Make sure too that the air is **NOT** aimed directly at anyone, especially those wearing contact lenses, asthmatics and hay fever sufferers.

The twin outlets are fitted with ducting that can be adjusted to aid control of the air direction. Adjust as required.

If the exhaust hose is not already attached, position the hose end over the exhaust and secure in place with the strap provided.

Next, rout the hose to a suitable discharge point. Ideally when routing the exhaust hose it should be on an upward run but you must NOT allow it to kink in the middle. It is also possible to feed the exhaust into a ceiling cavity.

You must remember that the exhaust hose is used to remove hot air and will be hot to the touch. If the air is directed into another room that room will be heated which will be uncomfortable for any one in it and may damage sensitive items stored in it.

In the cooling process, moisture from the air is collected by the unit in a removable container. The green light indicates the condensate container is full, the unit will stop working, remove container, empty and replace. As soon as the container is removed the unit will restart again.

You must make sure the container is emptied on a regular basis.

## OPERATING CONDITIONS

This Air Conditioner can be used in room temperatures between 21°C and 35°C.

The compressor **WILL NOT OPERATE** if the temperature is below approximately 21 °C, although the fans will, to allow for venting use.

If the room temperature is above 35 degrees the performance of the unit will reduce due to excessive heat.

To reduce the temperature, open all available doors and windows. Then simply operate the Air Conditioner in fan only mode.

## CONTROLS & OPERATION



The compressor uses R410A Refrigerant and directly cools the air. The machine includes: one compressor, a thermostatic automatic valve, two motor fans, an automatic functioning thermostat, a defrosting thermostat, a low pressure switch, a high pressure switch, a PCB, and a plug with fuse.

### FRONT CONTROL PANEL INCLUDES:

An **AMBIENT TEMPERATURE THERMOSTAT**, located in the front control panel allows to choose the desired room temperature with range 10-35 °C.

A **FAN SPEED SWITCH**, also located in the front control panel, allows to choose among 2 different internal fan speeds.

A **MAIN SWITCH** allows to choose among:

**OFF POSITION** (0 = nothing works)

**AUT POSITION** (the machine is cooling according with preset room temperature)

**CONT POSITION** (the machine works not depending on thermostat)

## WARNING LIGHTS:

<b>Green Light</b>	indicates that the condensed water is full, and machine stop.
<b>FULL</b>	
<b>High Pressure</b>	if "ON", it means that pressure inside the refrigerant circuit is too high; manual reset
<b>Red Light</b>	pushing the button in the
<b>Low Pressure</b>	if "ON", it means that there is too low
<b>Red Light</b>	pressure inside the refrigerant circuit; automatic reset.

## EQUIPMENT MAINTENANCE & CLEANING

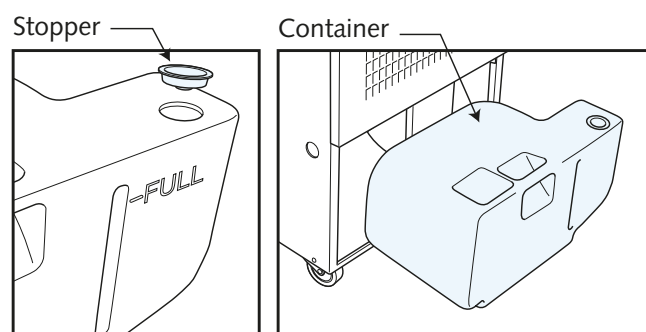
During use the water container will slowly fill with water, once a preset level is reached the unit will switch **OFF** and the red 'overflow' warning lamp will illuminate.

To empty the container, firstly move the control dial to the **OFF** position to stop the Air Conditioner then isolate it from the power supply.

Leave the unit for at least 5 minutes to allow any accumulated moisture to drain down into the container.

The water container is positioned in a recess to the side of the unit.

Remove the container from its recess, taking care not to spill any water, then remove the stopper and dispose of the water into a suitable sink.



Refit the stopper then replace the container the correct way round. If you fit the container incorrectly water to run outside the container and the unit will appear to be leaking.

You can now restart the Air Conditioner.

**NOTE** the water collected by the Air Conditioner must be disposed of **DO NOT DRINK IT** or use it for any other purpose.

When not being used, store the unit in a clean condition and in a safe place where it will be protected from frost or freezing conditions.

## FINALLY

When you have finished, switch the unit **OFF** and disconnect it from the power supply.

Leave the Air Conditioner for a minimum of 15 minutes then empty the water container and give the unit a thorough clean ready for return.

### NOTE

**Failure to clean the equipment thoroughly may make you liable to a cleaning charge.**