

Switch the unit ON and leave for 20 minutes to allow the pump to prime the cooling pads.

Once primed set the speed control dial to the required fan speed.

Finally, the airflow can be oscillated by setting the function switch to cool/swing.

When you have finished with the unit, set the function switch to OFF and allow the fan to run for at least 10 minutes to dry the cooling pads.

If filling the unit manually, check the water level every 2 hours minimum. Before refilling the unit, you must switch the unit OFF and isolate it from the power supply, you can then top up as necessary.

## EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease and speed, assume you have the wrong tool for the job. Contact your local HSS Hire for advice.

### Water Reservoir

Because the HSS Evaporative Coolers have a reservoir of water, which cannot be emptied safely by the user, it is important that the unit is not stored for more than 2 days without being used. If the unit is required but not used for 2 days, either run the unit for 1 hour in every 24 or dispense two capfuls (50ML) of sterilising solution (NOT BLEACH) with the next fill of water.

Keep the equipment clean – you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

When not in use, store the equipment somewhere clean, dry and safe from thieves.

## FINISHING OFF

Having run the unit with fan only for 10 minutes, switch the unit OFF and unplug it from its power supply.

Give the unit a final clean up ready for return, to your local HSS Hire.



### ... have you been trained

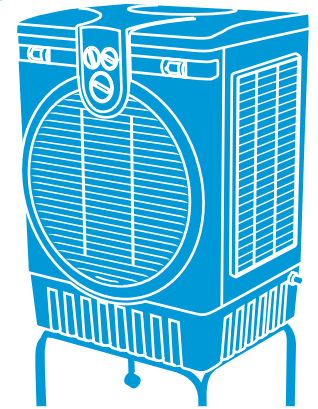
The law requires that personnel using work equipment have received adequate training and must be competent when using the equipment within the workplace. Training is available at HSS Training Solutions  
**0845 766 7799**

### ...any comments?

If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below  
e-mail: [safety@hss.com](mailto:safety@hss.com)

©HSS Hire Service Group Ltd 2008 No. 970/02  
Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.com>



# Commercial Evaporative Cooler

A fan assisted cooler, using the cooling effect of water evaporation



## GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Hire.

There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.

The hirer has a responsibility to ensure that all necessary risk assessments have been completed prior to the use of this equipment.

This equipment should only be used by an operator who has been deemed competent to do so by his/her employer.

This equipment should be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available for hire from your local HSS Hire.


### Warning

The guarding fitted to all HSS Evaporative Coolers offers the required level of protection in accordance with the BS EN 953 standard.

However it is the hirers responsibility to ensure that a risk assessment is completed prior to using the unit and that, where necessary, additional precautions are taken to prevent unsupervised children or other members of the public gaining access to the equipment.

Failure to take the necessary precaution to prevent unsupervised children or other members of the public tampering with the equipment may result in serious injury.

If in doubt, contact your local HSS Hire for advice.

 Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.

 This equipment is heavy, never attempt to lift it on your own, always get help.

Never place anything on top of a cooler and never obstruct its air vents. Leave a 1 metre gap all round to let air circulate.

Always switch OFF and unplug the equipment when not in use.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire

## ELECTRICAL SAFETY


The HSS Commercial Evaporative Coolers plug into a standard 230V 13Amp power socket.

If the equipment fails, or if its power supply cable or plug becomes damaged, return it. Never try to repair it yourself.

Keep cables out of harm's way, and clear of the work area.

Extension leads should be fully unwound and loosely coiled, away from the equipment. Never run them through water, over sharp edges or where they could trip someone.

Keep the equipment dry, using electrical equipment in very damp or wet conditions can be dangerous.

 To reduce the risk of electric shock, always use a suitable RCD (Residual Current Device) available from your local HSS Hire. Or power the equipment from a mains circuit with a built in RCD.

Ensure the cooler and power socket are switched OFF before plugging into the power supply.

## GETTING STARTED

Set the equipment up on firm level surface, where the air from the machine can circulate freely and where motor noise will not be a nuisance.

Ideally, site the unit with its back to an open window or door and ensure that there is an open door or window in the same room, as far away as possible to allow an outlet for the air flow.

The unit is supplied empty of any water and will require filling with up to 40 litres of fresh clean water.

To manually fill the unit with clean fresh water, simply open the top cover and pour the water in. The unit is fitted with a water level indicator, simply fill until it is at the top.

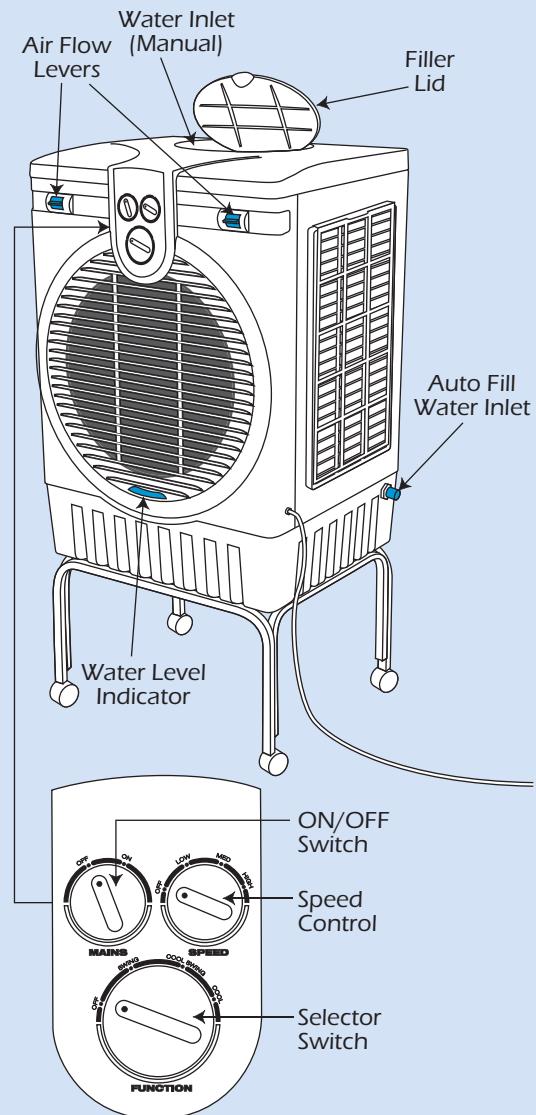
Alternatively, the unit can be connected to a main water supply. A built in float valve system ensures that the unit is automatically refilled as necessary. To utilise this method, have a qualified plumber make the necessary connections to the auto fill water inlet.

Once ready, plug the unit into its power supply and switch the supply ON.

The unit has 3 control dials on the front panel (see illustration). To switch the unit ON turn the ON/OFF switch clockwise.

The speed control switch is used to control the fan speed, there is the option of OFF, Low, Med and High.

## Commercial Evaporative Cooler



The function switch controls the movement of the air flow direction fins and the pump that circulates water over the cooling pads.

## BASIC TECHNIQUES

Before using the unit it is advisable to prime the cooling pads. With the ON/OFF switch set to OFF, set the speed control to off and the function switch to cool