

# Double Cool Portable Air Conditioning



## Operating Instructions & Safety Guide



### General Safety

- Keep children and animals away from air conditioning units. Never leave them alone in a room where the units in use.
- This equipment should only be used by a competent person who has read and understood these instructions.
- Never operate this equipment if you are ill, feeling tired or under the influence of alcohol or drugs.
- Keep the Air Conditioning vents clear of all obstructions.
- Never put anything on top of the unit or block the air outlets.
- Make sure equipment is switched off and unplugged after use. Never leave switched on or unattended.
- Located unit as to protect against accidental or malicious damage
- Check condition of equipment before use. If unit is showing signs of damage contact your supplier immediately.

### Electrical Safety

- Requires a standard earthed power supply 230v. An extension cable (a minimum of 1.5mm three core earthed lead) may be used.
- Extension leads must be fully uncoiled when being used.
- Extension leads must be protected from any possibility of interference or damage.
- Andrews Sykes recommends the use of a power supply that is protected by an RCD (residual current operated device). This provides extra safety. Always inspect the power supply cable and plug for damage before use.
- Damaged plugs and powers supply cables must only be replaced by an authorised repair agent.
- Andrews evaporative air conditions are fitted with thermal cutouts which stop the unit if a pump or fan motor overheats. The cut-out automatically resets once the motor has cooled.
- This unit requires a 230 volt electrical supply. It plugs into a standard BS1363 domestic socket.
- Always inspect plugs and leads for damage before plugging into the supply - DO NOT USE IF ANY DAMAGE IS FOUND
- Ensure cables are run as not to cause a hazard.
- If an extension lead is used, ensure it is of the correct standard, and fully uncoiled when being used.

- Do not lay electrical cables in wet / damp areas.
- Do not move equipment whilst operating.
- Do not pull equipment by its cable.

### Cleaning and Maintenance

The Andrews Sykes range of evaporative air conditioners are designed to give many years of trouble free operation. It is however important that the simple regular maintenance described in this section is carried out.

Note: Isolate the unit from the power supply before carrying out any form of maintenance.

#### At the end of each week

Clean side and back cooling pads and removed dust particles with a vacuum cleaner. Clean the outside body with a damp cloth.

#### At the end of each month

Place a sterilising tablet or a capful of sterilising liquid into a full reservoir and operate the pump to circulate the sterilised water through the whole system. Drain the water tank and clean any build up with a damp cloth. To gain access to the water tank you will need to remove one or more panels.

#### At the end of summer season

Before storing the unit, drain the water tank and wipe down with a sterilising agent. Remove the cooling pads and wash using a gentle spray. Then allow them to completely dry before replacing.

# Operating Instructions - Double Cool

## Care of your Double Cool Dx

- Do not add any chemicals, bleaches or agents to the water tank other than sterilising tablets.
- Do not place anything on top of the unit and don't obstruct the air vents.
- Do not remove the repositions the unit with water in the tank.
- Do not remove any access panels when the unit is switched ON.
- Always operate, transport and store the Double Cool Dx in an upright position.
- Always inspect the unit before and use at regular intervals. If the unit is damaged, do not use it. Have all necessary repairs carried out by an authorised repair agent.
- When not in use, store the unit with all controls set to OFF and with the water tank fully drained, cleaned and sterilised

## Setting up your Double Cool Dx

The DOUBLE COOL Dx model is designed to be placed on the base trolley supplied and must be kept level to prevent over spill from the water tank. Place the DOUBLE COOL Dx squarely onto the base trolley. Please note that the trolley is not attached to the unit

To cool a room efficiently the DOUBLE COOL Dx requires a continuous supply of fresh air and therefore should be positioned close to an open window or door to the outside. It is also important to have another window or a door open for the warm air to exit. Once positioned in the room, lock the casters to prevent the unit from moving. Decide upon which method is best suited for filling the water tank.

There are two options, either direct filling by connections to a main water supply or by manual filling via the manual water fill inlet.

### Direct Filling

Attach a suitable hose to the auto fill water inlet connector using a worm drive clip. Double check for sign of water leakage from the connection before connecting the unit to the power supply. If in doubt, consult a qualified plumber.

There is a float valve inside the water tank, which controls the water flow as necessary.

### Manual Filling

CAUTION. Always switch OFF the unit and unplug from the power supply before manually filling this machine. Mop up all the spillages before switching ON again.

Never handle plugs and electrical switches with wet hands.

To fill the water tank, open the manual water fill inlet and pour up to 45 liters of fresh clean water into the the tank.

The level of water in the tank is displayed on the water level indicator. During use, the water level should be checked on a regular basis and topped up as necessary. Never overfill this machine. DOUBLE COOL Dx is now ready to use.

## Controls

- With the unit in position and the water tank either filled manually or connected to a main water supply, plug the unit into a suitable power supply and switch the supply ON.
- The unit can be operated as a cooler or simply as a fan.
- To operate as a fan, full raise the water flow lever then turn the ON/OFF/FAN switch to the required fan speed setting.
- There are three fan speeds available Low, Medium or High. When first switching ON, select Low and wait for the fan to reach normal running speed.
- There are two controls for the direction of airflow.
- The air flow up/ down control lever is a manual control which directs the air flow vertically.
- The air deflector control is a powered deflector, which oscillates Horizontally (side to side). When switched ON the deflectors move from left to right in a sweeping motion, distributing air to a wider area.
- If the air flow is required in one direction only, switch the vertical louver swing control to ON and when the air flow is the right direction, switch the vertical louver swing control OFF.
- To run the unit in cool mode, operated the unit as described above and then depre the water flow lever.
- When switching the unit OFF, full press down the water flow lever and allow the fan to run for approximately 10 minutes.

This enables the cooling pads to dry and will help eliminate the possibility of a musty odor from the unit when next used.

