

O & M INSTRUCTION

PRODUCT GROUP 1380 - HEATED CLEANING TANK

1. ELECTRICAL SAFETY

WARNING! IT IS THE USERS RESPONSIBILITY TO READ, UNDERSTAND AND COMPLY WITH THESE INSTRUCTIONS.

All electrical equipment should be checked to ensure that it is safe before use. Power leads, plugs and electrical connections should be inspected for wear and damage. You must ensure the risk of electric shock is minimized by the installation of the appropriate safety devices.

A RCCB (Residual Current Circuit Breaker) should be incorporated within the main distribution board. We also recommend that an RCD (Residual Current Device) is used with all portable electrical products.

If in doubt consult a professional electrician. The following instructions also relate to electrical safety.

- The **Electricity At Work Act 1989** requires all portable electrical appliances, if used on business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT) at least once a year.
- The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of the appliance and the safety of the appliance operator. **If in any doubt about electrical safety, contact a qualified electrician.**
- Ensure the insulation on all cables and the product itself is safe before connecting it to the mains power supply.
- Ensure that cables are always protected against short circuit and overload.
- Regularly inspect power supply, leads and plugs for wear and damage and all electrical connections to ensure that none are loose.
- **IMPORTANT:** Ensure the voltage marked on the product is the same as the electrical power supply to be used and check that plugs are fitted with the correct capacity fuse.
- DO NOT pull or carry the electrical appliance by its power supply lead.
- DO NOT pull power plugs from sockets by the power cable.
- DO NOT use worn or damaged leads, plugs or connections. Immediately replace or have repaired by a qualified Electrician.

2. GENERAL SAFETY

Warning! Ensure Health & Safety, local authority and general practice regulations are adhered to when using this equipment.

- Familiarise yourself with the application, limitations and potential hazards of the cleaning tank.

Warning! Disconnect the cleaning tank from the mains power before servicing or performing any maintenance.

- Ensure the Cleaning Tank is maintained in good working condition.
- Position the tank in a suitable work area. Ensure the tank stands on a firm level surface. Keep the area clean and tidy and free from unrelated materials. Ensure that the area is well ventilated and has adequate lighting.
- Keep the tank clean.

Warning! Always wear approved eye or face protection when operating the cleaning tank.

- Wear appropriate protective clothing.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Keep children and unauthorised persons away from the work area.
- DO NOT use the cleaning tank for any purpose other than that for which it is designed.
- DO NOT use cleaning tank in wet or damp locations or areas where there is condensation.
- DO NOT allow untrained persons to operate the cleaning tank.
- DO NOT operate the cleaning tank if any parts are missing or damaged as this may cause failure and/or personal injury.
- DO NOT leave the cleaning tank operating unattended.
- DO NOT operate the cleaning tank when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- DO NOT smoke while working with or near the tank.
- When not in use switch off the cleaning tank and remove plug from the power supply.
- Dispose of waste liquids in accordance with local authority regulations.

Warning! Beware of hot condensation forming on the underside of the lid.

Warning! Only move the tank when the water has cooled and been removed.

Warning! Ensure the water has cooled completely before attempting to remove filters or empty the tank.

**WARNING : THIS IS A MAINS POWERED ELECTRICAL APPLIANCE AND
SHOULD BE TREATED ACCORDINGLY**

**Airclean Operations and Maintenance Instructions O&M1380 should be read
and understood before using this appliance.**

USING YOUR AIRCLEAN HEATED CLEANING TANK

1. Ensure tank is in a suitable location for cleaning operation and emptying.
Once the tank is full of water it should not be moved)
2. Fill the Cleaning Tank with water. *(Water must cover the heating element completely and should not exceed a height where the tank will overflow once filters are immersed.)*
3. Add a suitable non-caustic cleaning agent to the tank as per the guidelines on the agent. (Airclean Series 500 Cleaning Crystals are recommended.)
4. Place up to 3 grease filters in water and agent solution.
5. Replace Lid.
6. Plug in unit.
7. Soak Filters for required period. Below are some guidelines.
 - a. 2 Hours – Light Clean
 - b. 4 Hours – Medium Clean
 - c. 6 Hours – Heavy Clean
8. After desired soaking time, unplug the unit, and allow water to cool completely before removing air filters.
9. Wash Filters thoroughly with clean water to remove any cleaning agent residue.
10. Allow filters to dry thoroughly prior to replacement in the canopy.

NOTE: Airclean SERIES 500 Cleaning Agent can be used for multiple cleaning sessions before it loses its activity.

EMPTYING YOUR AIRCLEAN HEATED CLEANING TANK

ENSURE WATER HAS COOLED TO ROOM TEMPERATURE BEFORE ATTEMPTING TO DRAIN THE CLEANING TANK OF WATER.

ENSURE UNIT IS DISCONNECTED FROM THE MAINS PRIOR TO DRAINING THE CONTENTS OF THE CLEANING TANK.

GLOVES AND EYE GOGGLES SHOULD BE WORN WHEN EMPTYING THE CLEANING TANK TO AVOID ANY SPLASHES FROM THE DIRTY WATER

- Ensure drain point is at a suitable location for water to drain. A suitable hose can be used to draw liquid away from the unit, but should be secured to the outlet point.
- Slide safety catch on tap, and release tap slowly to ensure correct flow. Do not leave the tank unattended whilst draining.
- Once drained rinse the tank and element with cold clean water. Close tap.

**FOR SPARES, REPAIRS AND SERVICE PLEASE CONTACT AIRCLEAN LTD
01622 832777, sales@airclean.co.uk**

3. GENERAL

The Airclean Heated Cleaning Tank is designed to hold up to three mesh or baffle grease filters (MAX SIZE: 594 x 594 x 47mm), allowing them to soak at an elevated temperature in water and cleaning agent, allowing non-acidic cleaning agents to have increased activity upon grease and grime.

Once cleaning is complete, the tank can be emptied using the drain point located on the front of cleaning tank.

A lid is provided for the heated cleaning tank to prevent accidental spillage, please be aware of condensing hot water on the underside when removing it.

4. TECHNICAL DATA

Tank Capacity 60 litres
Electrical Cable Length 120cm
Rating: 2kW
Supply Voltage 240 Volts
Fuse Rating 13Amp
Temperature Thermostats within the Heating Element set at 65 Degrees Centigrade, max at 80 Degrees Centigrade
Over Temperature Cut Out at 85 Degrees Centigrade

5. HAZARD IDENTIFICATION

Electrical Shock from Electrical supply
Scalding from hot water / chemical powder and solution

6. ELECTRICAL CONNECTIONS

Should you remove the plug it should be rewired as follows:

| <u>Colour</u> | <u>Wire</u> |
|----------------------|--------------------|
| Green and Yellow | Earth |
| Brown | Live |
| Blue | Neutral |

WARNING - THIS APPLIANCE MUST BE EARTHED

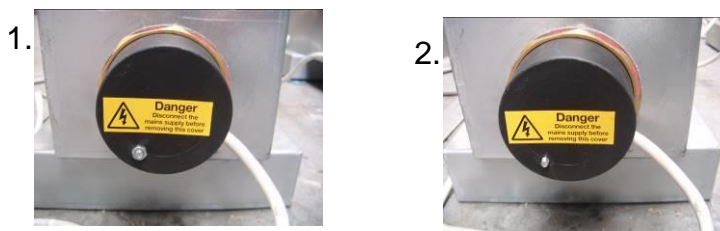
Should the Element require replacement, then this should only be performed by a suitably qualified person.

**FOR SPARES, REPAIRS AND SERVICE PLEASE CONTACT AIRCLEAN LTD
01622 832777, sales@airclean.co.uk**

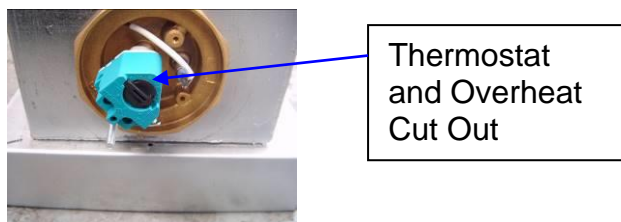
7. RESETTING THE HEATING ELEMENT AND ADJUSTING THE TEMPERATURE

The temperature of the tank should not need adjusting. The unit does have a safety cut out that activates at 85 Degrees Centigrade. Should the unit cut out, the thermostat may need to be lowered, and the safety cut out reset.

WARNING – ENSURE UNIT IS DISCONNECTED FROM THE MAINS SUPPLY BEFORE RESETTING OR ADJUSTING THE THERMOSTAT. NOT DOING SO COULD RESULT IN ELECTROCUTION.



The reset switch and thermostat for adjusting the temperature of the cleaning tank are situated inside the black plastic safety cover on the back of the cleaning tank's heating element (picture 1). Release the small nut which holds the cover in place using a suitable tool (picture 2) and remove the black safety case.



The black arrow with the dial is used to adjust the temperature of the cleaning tank (picture 1), moving the dial toward the + sign to increase the temperature and move it to the – to reduce the temperature. In the event that the heating element overheats a safety cut out will be initialized.

To reset the cleaning tank after a safety cut out, use a pen or similar to press the small black button situated underneath the thermostat (picture 2)

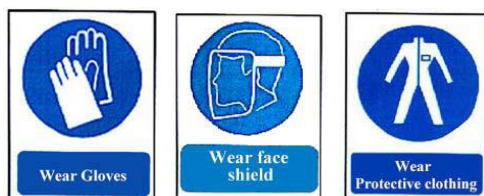
Once reset put the black safety case back on and replace and tighten the nut. **Before turning the cleaning tank on ensure the element is rinsed and cleaned thoroughly to remove any excess grease build up.**

8. ACCIDENTAL RELEASE MEASURES

Only discharge suitably treated water / chemicals from the tank to enter the drainage system.

9. HANDLING AND STORAGE

Only move the tank when empty of liquids and cool.



10. DISPOSAL CONSIDERATIONS:

When disposing of liquids used within the tank use suitable PPE.
Dispose of in accordance with local authority regulations.
Do not mix with other waste materials.

11. REGULATORY INFORMATION

NOTE: This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, management of Health and Safety at Work Regulations, or other health and safety legislation.

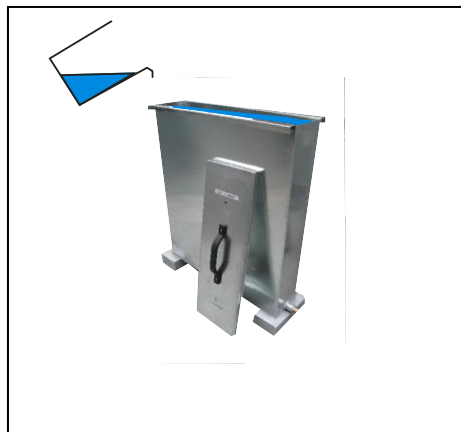
12. OTHER INFORMATION:

The data contained in this Safety Data Sheet has been supplied for protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

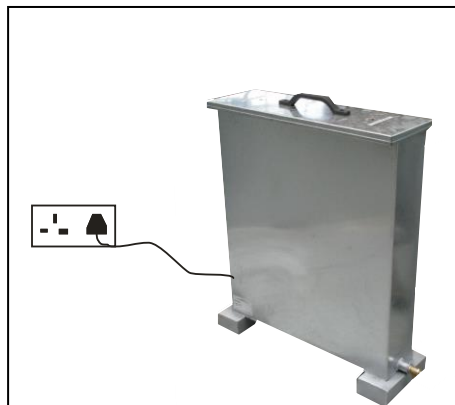
PLEASE ENSURE THAT IT IS PASSED TO THE APPROPRIATE PERSON(S) IN YOUR COMPANY, WHO ARE CAPABLE OF ACTING ON THE INFORMATION.

E&OE

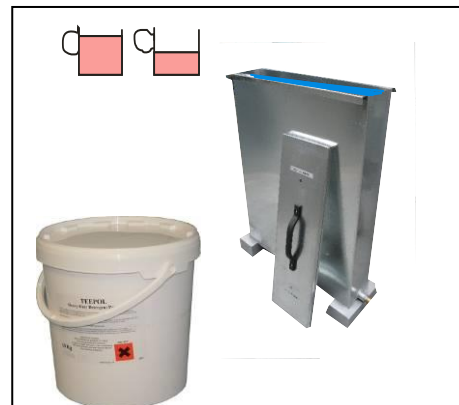
How to Use your AIRCLEAN Cleaning Tank with AIRCLEAN Cleaning Crystals



1. Fill the Cleaning Tank with water and put the lid on.



2. Plug it in and allow to heat up to an hour.



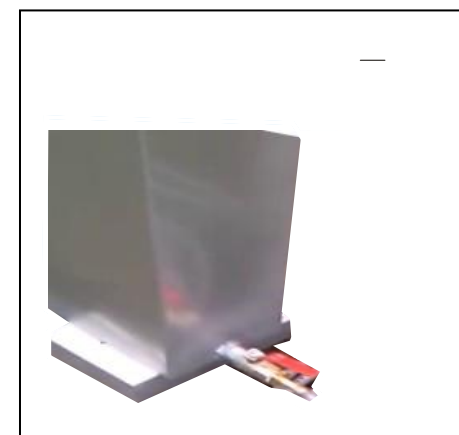
3. Once the water is heated add 0.5kg (about 1 1½ cups) of cleaning crystals and allow the crystals to dissolve.



4. Once dissolved add filters



5. Place lid on tank, wait;
2hrs - light clean
4hrs – medium clean
6hrs – heavy clean
Once cleaning is complete unplug and allow to cool



6. When the water is cooled remove the filters and drain the water using the drain point situated at the front of the cleaning tank. A hose can be attached to the drain

Remember to clean tank regularly to ensure a long life and a continued high performance when cleaning your filter. This includes rinsing the heating element.

WARNING the water reaches high temperatures so do not immerse body parts in the water before allowing to cool as it can cause serious burning and skin irritation.