

# HSS Hire



## Pumped Dehumidifier

Compact pumped machine that dehumidifies air in the room.



Code 56725 / M6808

## EQUIPMENT CARE

**Never use the equipment except for its intended purpose.** If it will not do what you want with reasonable ease, assume you have the wrong equipment for the job. Contact your local HSS Hire Shop for advice.

**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.

**Make sure that both the unit's air inlets and outlets are kept clear,** so that air circulates efficiently through the machine.

The **operating temperature** of the unit is **5° - 32° C.** **Note that the amount of water the unit can extract from the air will vary according to the weather and local conditions. However, if it does not appear to be drying as it should for no obvious reason, contact your local HSS Hire Shop for advice.**

## BASIC TECHNIQUES

**If the machine is draining into a container, empty this at regular intervals.** At the same time, **check on the amount of water the machine is extracting from the air.** There will always be a certain amount of moisture collected because air naturally contains moisture, but the amount will become negligible as the room dries out.

**Check the hose for kinks, damage or blockages at regular intervals. Ensure the intake filter is clear of debris and remove as necessary.**

## FINISHING OFF

**Turn the unit OFF** before unplugging the unit, and allow water to drip from the internal coils **for about 10 minutes, then press PURGE** to remove residual water.

**Unplug the unit, and neatly coil the flex and drain hose, give the unit a final clean up ready for return,** to your local HSS Hire Shop.

You should also **leave the unit to cool for a few minutes before handling it.**



### ... have you been trained

The law requires that personnel using this type of equipment in the workplace must be competent and qualified to do so.

Training is available at HSS Training  
0845 766 7799

©HSS ProService Ltd 2023 No. 3026/01

76 Talbot Road, Old Trafford, Manchester, M16 0PQ

www.hss.com

## GENERAL SAFETY

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

**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.**

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

**Take all necessary precautions to protect yourself and others against the possibility of contracting infectious diseases in your work environment.**

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

**Do not work near flammable gases or liquids, petrol or paint thinner fumes for example. Keep combustible materials at a safe distance – at least 5m.**

**Make sure you know how to switch this machine OFF before you switch it ON** in case you get into difficulty.

**Make sure that anyone in the immediate work area is warned of what you are doing.**

**Always transport and store the unit in an upright position, never lay it on its side.**

**When siting the unit, consider the floor surface.** Avoid placing the unit directly on to carpet or any other surface that maybe easily damaged.

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

## ELECTRICAL SAFETY

**The HSS Pumped Dehumidifier plugs 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.

 **To reduce the risk of electric shock, always use a RCD suitable RCD (Residual Current-Operated Device)**

available from your local HSS Hire Shop. Or power the equipment from a mains circuit with a built in RCD.

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

## GETTING STARTED

A dehumidifier works by drawing warm moist air through the unit and cooling the air to a temperature where the moisture will condense. The moisture is then collected and pumped out at preset intervals via a discharge hose.

**If the dehumidifier is being used after flood damage, remove curtains, carpets and furniture from the room – for water logged carpets use a wet pickup vacuum, ask at your local HSS Hire Shop for advice.**

**Release the retractable handle** by pushing the two release buttons located on the top of the unit and **pulling the handle upwards until it 'clicks' into position.**

**Set the unit up** on a firm level surface, either **in the middle of the room** or facing any specific wet patch. Once in position **fully retract the handle** back to avoid damage whilst on site.

**Direct the drain hose into a suitable container or into a drain,** via the discharge pipe.

**Ensure hoses are kink-free along their entire length** – otherwise water extracted from the air will back up and flood the dryer.

**The maximum length of discharge pipe is 12 metres** as fitted and **must not be extended** under any circumstances. If the discharge pipe is to be run over walls or to a point higher than the pump outlet **ensure the head distance does not exceed 6 metres in height.**

**If the hose is to be directed into a separate container, you must seal the top of the container and around the hose with cling film** – otherwise the water collected will re-evaporate into the atmosphere and slow down the extraction process.

**All windows and doors must be fully closed,** and if possible, tape up all joints to stop air from outside entering the work area.

**Allow the unit to settle for 30 minutes,** after moving, or before switching ON.

Plug the unit into its power supply and **press the ON/OFF key to start the unit.**

## Pumped Dehumidifier

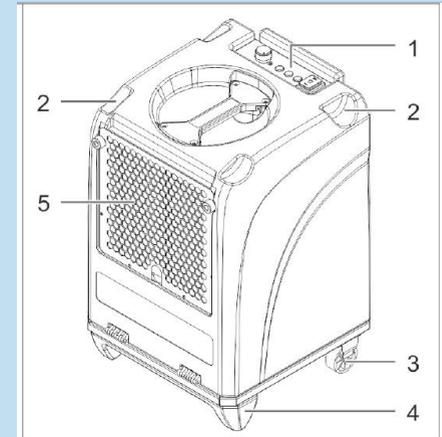


Illustration 1: Front and rear view

- 1 - Control panel
- 2 - Recess for stacking
- 3 - Castor
- 4 - Base
- 5 - Inlet air grille with filter holder
- 6 - Handle
- 7 - Operating hours counter
- 8 - Cable winder
- 9 - Air outlet
- 10 - Carry handle

Button/indicator	Description
Operating hours counter	Display of operating hours

## CONTROL PANEL

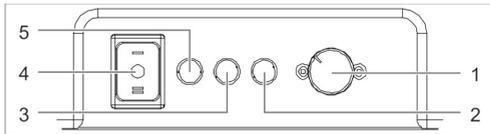


Illustration 2: Control panel

- 1 - Hygrostat rotary selector
- 2 - Red fault indicator
- 3 - Yellow indicator
- 4 - Device switch
- 5 - Green indicator

Button/indicator	Description
Device switch	<p>Switching device ON/OFF:</p> <ul style="list-style-type: none"> <li>■ Position [I]: Device continuously on</li> <li>■ Position [II]: Starting pump and draining off condensate</li> </ul>
Indicators	<p>Operating status of device:</p> <ul style="list-style-type: none"> <li>■ Green: Device running</li> <li>■ Yellow: Device in defrosting mode</li> <li>■ Red: Fault, device shut down</li> </ul>
Hygrostat rotary selector	<p>Setting desired target humidity When the set target humidity is reached, the device is automatically switched off. If the air humidity increases again, the device restarts automatically.</p>

## DEVICE OPERATION & CONTROL

### Prior to switching on

Make sure that the device is not standing on a wet ground and ensure that it is in an upright and stable position.

Make sure that the condensate can drain off properly.

If necessary, record the readings of the operating hours counter.

**NOTICE! Before starting the device for the first time, after transport and after prolonged storage, leave the device in its final position for approx. 15 minutes before switching it on. Setting target humidity, switching on device and running it in continuous mode**

1. Set the hygrostat to the desired target humidity.
2. Set the device switch to position [I].
  - The green indicator is lit, indicating that the compressor is running
  - The device starts in continuous mode and runs until the set target humidity is reached or the automatic defrost function is triggered (yellow indicator lit). In continuous mode, condensate is automatically pumped off
  - The device switches off automatically as soon as the set target humidity is reached. The device remains however in ready mode. If the target humidity is again exceeded, the device is automatically restarted.

### Pumping off condensate (before moving device to a different location)

- ✓ The device must not be in defrost mode (yellow indicator must be off).
1. Set the device switch to position [II].
    - The condensate pump starts to pump the condensate through the drain hose into the drain or the on-site drain / collecting vessel.

### Prior to switching on

1. As soon as there is no condensate left in the tank, quickly set the switch to position [0], to prevent the pump from running dry.

### Switching device off

1. Set the device switch to position [0].
  - The indicator in the device switch is off and the device is shut down.

**NOTICE! For planned prolonged stand-stills, pump off the condensate before shutting down the device.**

## MAINTENANCE & CARE

**WARNING! Risk of injury from inhaling harmful substances**

- Depending on the location of operation, the components of the device may become contaminated with mould or other hazardous organisms or substances.
- When using compressed air to clean the device and/or the filter, work in a well-ventilated area, preferably outdoors.
- During cleaning, wear safety goggles and a breathing mask.

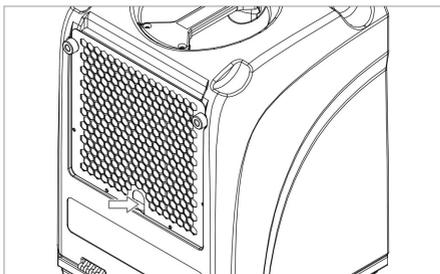
**ATTENTION! Risk of damage to property**

- Detergents can cause damage to surfaces. Use only mild detergents.
- Use only approved original spare parts.

### Cleaning housing and filter

The cleaning intervals for the device depend on the actual operating conditions. Check and clean the device regularly. If the device is used for drying at construction sites, it must be checked and cleaned after each use; the air filter must be replaced at least once a week.

- Switch off the device at the device switch.
- Disconnect the power plug.
- Clean the housing with a damp, lint-free cloth and a mild detergent. The original gloss can be restored with polish.
- Remove the filter holder by the recessed grip.



- Take the filter from the housing.  
For foam filters: Clean the filter thoroughly with a mild detergent and water. Let the filter dry.
- Check the drain fitting and the connected drain hose for damage. Replace damaged components.
- Insert the new or cleaned filter in the filter holder.

8. Mount the filter holder together with the filter in the same way as it was installed at the factory.

### Cleaning evaporator

- The evaporator must be de-iced and dry.

1. Switch off the device at the device switch and disconnect the power plug.

2. Remove the housing cover and place it on the ground.

3. Clean the cooling coils from both sides with compressed air.

To remove greasy dirt from the cooling coils, proceed as follows:

1. Clean the condensate tray under the cooling coils as well as the drain hose.

2. Spray the cooling coils with a mild detergent solution, using a spray bottle.

3. Let the cleaned components dry.

4. Mount the covers in the same way as they were installed at the factory.

- You have now cleaned the evaporator.  
Cleaning pump sump

### Cleaning pump sump

Depending on the way the device is used, deposits may form in the pump sump. To clean the pump sump, proceed as follows:

1. Switch off the device at the device switch and disconnect the power plug.

2. Remove the housing cover and place it on the ground.

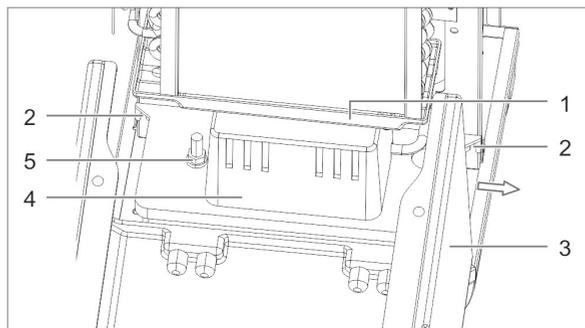


Illustration 3: Removing condensate tank

1	Condensate tray	2	Securing screws of condensate pump
3	Housing	4	Condensate pump
5	Fixture of condensate pump		

3. Disconnect the condensate hose from the condensate pump.

4. Loosen the two securing screws of the condensate pump and slide the pump to the side to remove it from the device. The connecting cable is sufficiently long to remain attached to the device.

5. Clean the condensate pump with a damp cloth and a mild detergent.

6. Replace the condensate pump in the device. Secure the condensate pump and push the condensate hose into the pump.

### Spare parts and customer service

If you have any queries regarding the device, or wish to order spare parts, contact your dealer or HEYLO.

# Know Your Symbols

HSS have created clear Icons to inform the hirer of their responsibilities towards the safe use of hire equipment.

These are designed to reduce the amount of different safety information labels required for each product for hire.

## General use PPE / Warning

Clearly marked minimum PPE will be visible on all equipment,



Correct PPE must be worn



HAV Hand Arm Vibration



Danger Rotating blade



Danger Hot exhaust



Danger Electric shock



Caution Abrasive Wheel



Caution Finger trap

## Fuel and Supply Types



Pe  
Petrol



Di  
Diesel



2t  
2 - Stroke Petrol



EI  
Electric

## Safe Procedures

All hirers must understand and respect the safe procedures of all equipment.

It is the responsibility of the hirer to maintain and return the equipment in a clean condition and good working order.



Ro  
Read OPS Guide



Ou  
Outdoor Use only



HI  
Heavy Lifting



Cd  
Check Oil daily



Cf  
Check Fuel daily



Cw  
Check Water daily



Bc  
Battery Care



Sh  
Safe Height Working



Swl  
Refer to Data Plate



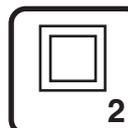
V  
Check Power Voltage Data Plate

## Electrical Safety

Safe wiring procedures.



Ea  
Must be Earthed Class 1



Doi  
Double Insulated Class 2



Enl  
Earth Live Neutral Wire Coding

## Return Responsibility

Charges apply to equipment returned dirty and damaged.



Cc  
Cleaning Charge



Rc  
Repair Charge