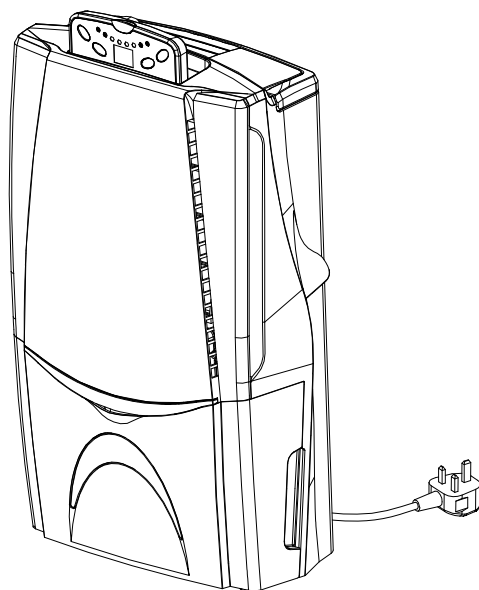




designed for life

## DEHUMIDIFIER

**SH3020**



## USER INSTRUCTIONS



## **GUARANTEE**

This product is guaranteed for 2 years from the date of original purchase.

If any defect arises due to faulty materials or workmanship, the unit will, either be repaired, replaced or refunded at our discretion.

### **The following conditions apply:**

- ❑ The product must be returned to the retailer with original proof of purchase.
- ❑ The product must be installed and used in accordance with the instructions contained in this user instruction guide.
- ❑ It must be used only for domestic purposes.
- ❑ It does not cover wear and tear, damage, misuse or consumable parts.
- ❑ The supplier has no responsibility for incidental or consequential loss or damage.
- ❑ Valid in the UK & Eire only.
- ❑ Valid only if purchased from the SDHS Group

### **Technical Specification:**

Power supply:	220V-240V AC. 50Hz
Power Consumption:	430 W Max
Water tank capacity:	2.5 Ltrs
Dehumidifying capacity:	20 Ltrs / 24hr period
Model number:	SH3020
Protection:	Class I

### **Postal Address:**

Shop Direct Group  
L70 1AB  
Box MPRC8

**Swan Help-Line. Call 01733 404703**

**Swan Spare Parts. Call 01733 404709**

**Calling from outside the UK Call - 00 44 1733 404703**

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## **PRODUCT SAFETY**

**Please read the operating instructions carefully before using your dehumidifier for the first time.**

1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliances by a person responsible for their safety.
2. Children should be supervised to ensure they do not play with the appliance.
3. Install the appliance on a flat, hard surface to avoid vibration and noise.
4. Operate the appliance only at the voltage specified.
5. Do not use with a damaged cord or plug.
6. Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
7. Do not handle the plug with wet hands.
8. Turn off all controls before unplugging.
9. Always disconnect the dehumidifier from the electrical supply before attempting any servicing or maintenance.
10. Disconnect the appliance from the power supply when it is not in use or before relocating or cleaning it.
11. This appliance should only be repaired by a qualified engineer.
12. To reduce the risk of electric shock, do not use outdoors or on wet surfaces.
13. Never immerse the appliance in water or other liquids.
14. Do not tip the appliance as spilt water could damage the appliance.
15. This dehumidifier is designed for domestic use only. Industrial or commercial use invalidates the warranty.
16. Do not place heavy objects on the appliance.
17. Never insert a rod or hard object into the fan area. Doing so will cause a safety hazard and possible unit failure.
18. Use only as described in this manual.

## **SAFETY INFORMATION**

## ELECTRICAL SAFETY

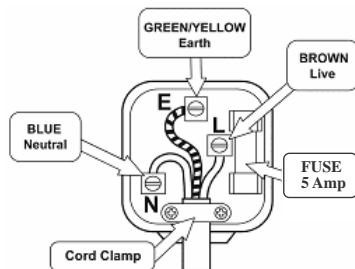
Before switching on, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate. This product is designed to operate on 220 – 240V AC, 50Hz. Connection to any other power source may damage the unit. This product may be fitted with a non – rewireable plug. If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement obtained.

If the plug has to be changed because it is not suitable for your socket, or becomes damaged in any way, it should be cut off and an appropriate plug fitted following the wiring instructions below. This should be carried out by a qualified electrician. The plug removed must be disposed of safely, as insertion into a 13 Amp socket is likely to cause an electrical hazard.

### Mains plug wiring

The power supply cable connected to this dehumidifier has three wires with insulation colours: brown, blue and green/yellow.

They must be connected to the mains plug according to the details below. The fuse must be rated at 5 amp.



### This appliance must be earthed.

The plug must be plugged into a socket that is properly installed and earthed.

Consult a qualified electrician or service engineer if the earthing instructions are not completely understood or doubts exist as to whether the appliance is properly earthed.

**WHAT IS % RH?**

Relative humidity, often referred to as RH. This is the measure by which moisture in air is measured. It is represented by a percentage value between 0 and 100%, where the meaning of 100% RH is that the air cannot hold any more water at that temperature. A value of 25%RH would be typical of that found in a desert. Generally the 'ideal' value for enclosed living spaces is accepted to be 50% although in reality a humidity variance between 40 and 60%RH is perfectly acceptable.

**When is Humidity a Problem?**

We need humidity for our comfort and health. Too much or too little humidity can produce a host of difficulties for householders (see Table 1). Some of the problems are no more than nuisances; others could be far more serious. They often occur during the winter season when our windows are closed, washing is left in the house to dry and indoor air circulation and ventilation are reduced.

**Table 1 Humidity problems**

	Too much humidity	Too little humidity
Typical symptoms	<ul style="list-style-type: none"><li>• Condensation on windows</li><li>• Wet stains on walls and ceilings</li><li>• Moldy walls</li><li>• Musty smells</li><li>• Allergic reactions</li></ul>	<ul style="list-style-type: none"><li>• Chapped skin and lips</li><li>• Scratchy nose and throat</li><li>• Breathing problems</li><li>• Static electric shocks</li></ul>

## FEATURES & PARTS

### Features


#### 1. Automatic dehumidify:

After setting the desired humidity, the unit will automatically run to maintain the desired humidity.

#### 2. Adjustable humidity control:

This unit has an adjustable humidity button, the relative humidity level can be adjusted from RH80% to RH40%.

#### 3. Automatic defrost:

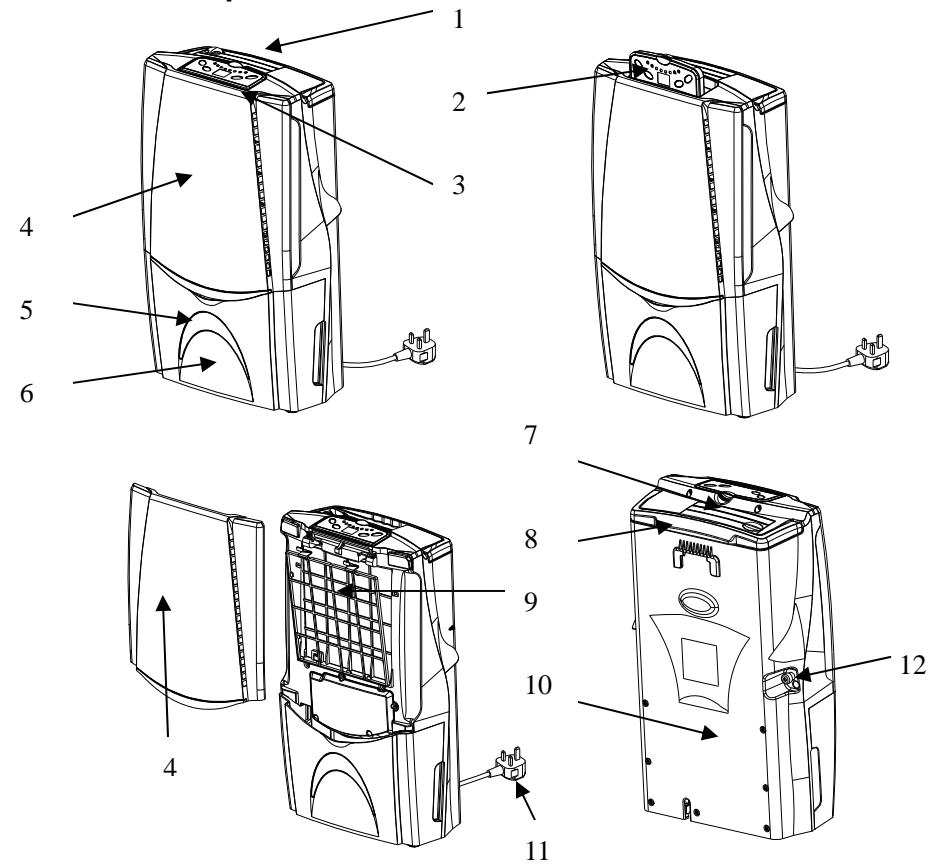
The unit will defrost automatically whilst the room temperature is between 5°C and 35°C. When defrosting, the compressor will stop but the fan will continue to run, plus the dehumidity light  will flash.

#### 4. Floor standing function:

The dehumidifier is portable and it can be used in many areas such as the bedroom, living room, kitchen etc.

**PARTS**

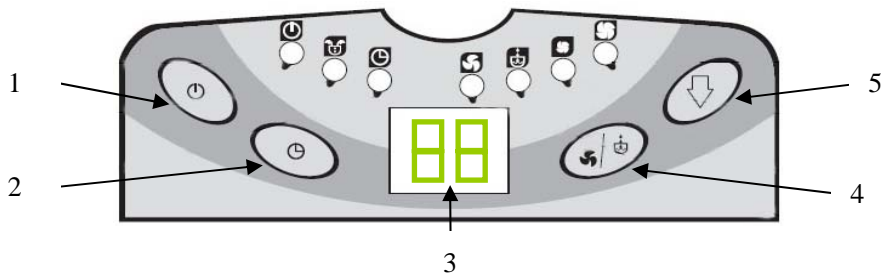
**Product description**



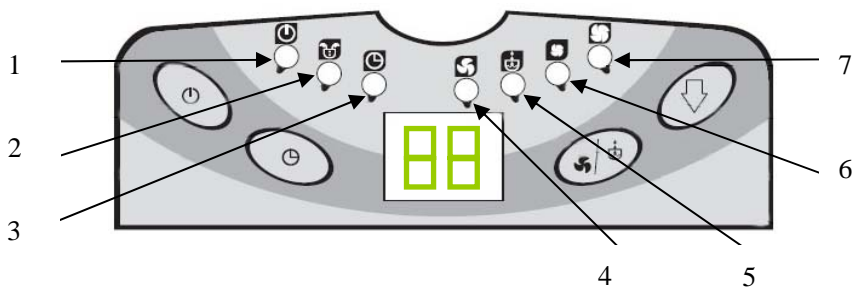
Parts Description	
1. Air outlet	7. Louver
2. LED display	8. Handle
3. Control panel	9. Air filter
4. Front panel	10. Rear panel
5. Water level viewing window	11. Power cord and plug
6. Water tank	12. Continuous drainage port



CONTROL PANEL







- 1. **ON/OFF** - Power key. Press to start or stop the unit.
- 2. **TIMER** - Setting key. Set the switch off time if the unit is running or set the switch on time if the unit is off.
- 3. **LED DISPLAY** - Humidity or timer read out.
- 4. **MODE** - Function key. Whilst the unit is running, press this key to select the mode of dehumidifying or fan.
- 5. **DOWN** - Setting key. Press to adjust the humidity from 80% - 40% when the unit is dehumidifying. Also, can be used to set the timer-**on/off** from 1h – 24h.



Control Panel Indicators	
1. Power On/Off	5. Dehumidifying mode
2. Water full indicator	6. Low fan speed
3. Timer On/Off	7. High fan speed
4. Fan mode	

## OPERATIONS

### KEYS and DISPLAY LIGHT FUNCTIONS

1. Plug in the unit, it will start with a beep and the power light (1)  will be on. Press the **POWER** key to start the dehumidifier, the lights within the water tank illuminate and the LED display will show the room humidity. If the set humidity is lower than the room humidity, the unit will run in dehumidifying mode at high fan speed (default). The dehumidifying indicator light (5)  and the fan speed indicator lights will also be on
2. Press the **MODE** key to select the function of dehumidify or fan. The fan indicator light (4)  will light if you choose fan mode, the dehumidifying indicator light (5)  will light if you choose dehumidifying mode.
3. Once the unit is operating, press the **DOWN** key to set the desired humidity level. (Default humidity is RH70%.) By continually pressing the **DOWN** button you will scroll through the following humidity settings:  
RH80%→RH75%→RH70%———RH45%→RH40%→(— — Override)  
**(Override dehumidifying means: The unit will dehumidify by constantly Running at RH80% without detecting the room humidity).**  
When the environment humidity is higher than the setting humidity, the unit will automatically start.  
When the environment humidity is lower than the setting humidity, the unit will automatically stop and the humidity value will flash.


4. The timer has a range setting from 1 to 24 hours and a minimum setting time of one hour.

To set the **timer-off** when the unit is working and set **timer-on** when the unit is stopped; use the following method:

### **Timer-on settings:**


Press the **TIMER** key to activate the **timer-on** function (whilst the unit is off). The LED display will flash for 5 seconds and the user can select their start time by pressing the **DOWN** key and scrolling through the following: 6H – 5H – 4H – 3H – 2H – 1H – 24H – 23H — — — 6H

**Note:** The default time starts at 6H

The LED will flash for 5 seconds showing the start time then the timer indicator  will light as a reminder that the unit timer is set.

### **Timer-off settings:**

Press the **TIMER** key once to activate the **timer-off** function whilst the unit is running. The setting operation is the same as above.

**Note:** Once the **TIMER** indicator light  is on. The user can press the **TIMER** key at any time and the LED display will show the **timer-on** time if the unit is off, or show **timer-off** time if the unit is running. The LED display will then revert to showing room humidity after 5 seconds.

5. Press the **MODE & DOWN** key at the same time to select high or low fan speed.

High fan speed indicator light . Low fan speed indicator light 

The dehumidifier capacity is improved when the unit is running at high fan speed.

## **WATER DRAINAGE**

### **Water full**

1. When the water tank is full, the water full indicator will flash, an audible warning beep will sound and the unit will switch off.
2. Remove the water tank and empty it.
3. Return the empty water tank back into position. The unit should automatically restart.
4. The maximum capacity of this water tank is 3 litres.

### **Removing the water tank**

1. As shown below, place two hands on both sides of water tank.
2. Using your thumb as a lever, pull the water tank away from the dehumidifier



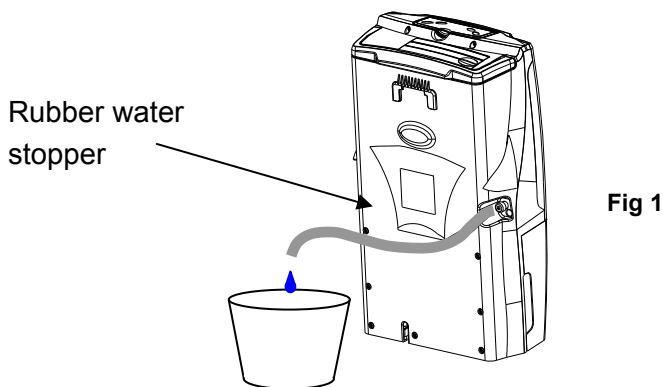
## CONTINUOUS DRAINAGE

### To gain access to the continuous drain port:

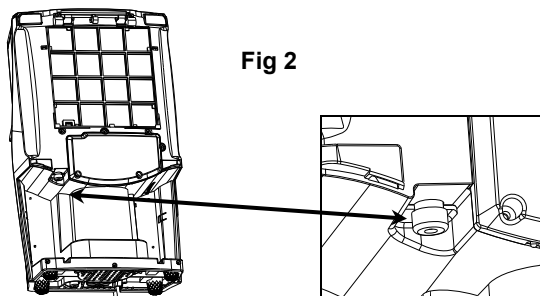
1. Take out the rubber water stopper from the drainage port and fit your drain pipe to the drain port. (See fig 1)

**Please note:** When removing the rubber stopper from the rear of the dehumidifier, you must refit it to the front drain hole that normally fills the main water tank. (See fig 2)

2. You will require a rubber drain hose with an internal  $\Phi 10\text{mm}$ . (not supplied)



**Insert the rubber water stopper to the front drip water hole.**



## CLEANING THE AIR FILTER

The appliance is equipped with a washable air filter. Remove the front panel and take out the air filter. After cleaning, insert the filter back to its original position.

1. The air filter should be cleaned every two weeks.
2. Simply use warm water not hotter than 40°C.
3. Do not use chemical solvents or hot water.
4. After cleaning allow the filter to completely air dry before refitting and keep it away from any heat sources.

**Please note!** The air filter is positioned behind the front panel. The removal of the front panel should be completed in two stages; Firstly, pull out the lower section (fig 1). Secondly, lift up the top section (fig2).

1. Place your hands on the lower section of front panel and pull outwards. This will release the lower section of the front panel. (fig 1)



**Fig 1**

2. This panel is now held in position by two locating lugs, which are sited behind the top of the panel. Once the lower section has been released, gently slide the front panel in an upward direction. (fig 2)

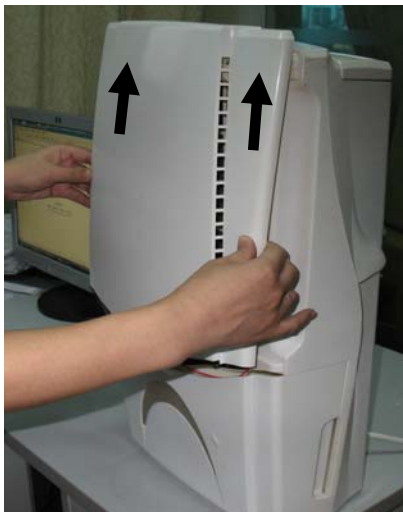
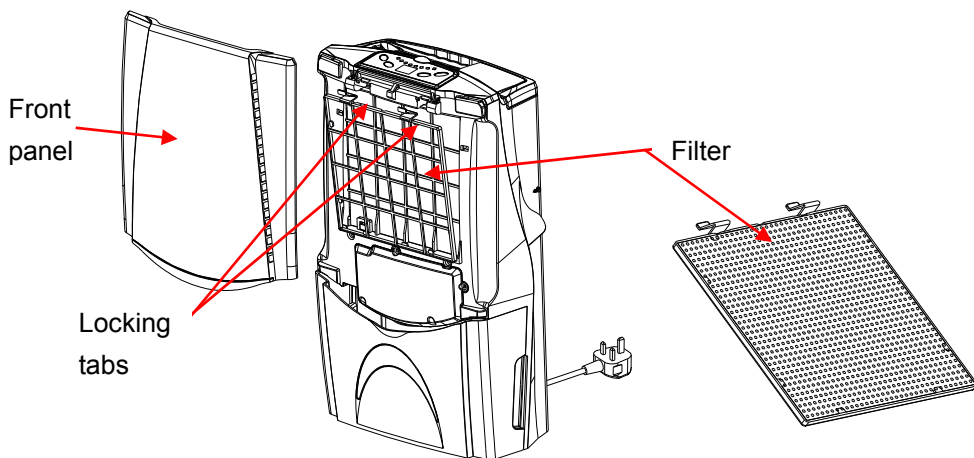


Fig 2

3. To release the filter from the dehumidifier, you must press and release the two locking tabs.



4. Refitting the front panel is the complete reverse of the removal process.

## TROUBLE SHOOTING

Should your dehumidifier fail to function, please check the problems and possible causes in the table below before calling customer services.

Problem	Possible Cause	Solution
The unit doesn't operate.	Has the power cord been disconnected?	Check the plug is connected the outlet socket properly.
	Is the socket faulty?	Try another socket
	Has the fuse in the plug blown?	Check the fuse in the plug.
	Is the tank full indicator blinking? (The tank is full or incorrectly positioned)	Empty the water in the drainage tank and then reposition the tank.
	Is the temperature of the room above 35°C or below 5°C?	The protection device is activated and the unit cannot be started.
The dehumidifying function doesn't work	Is the air filter clogged?	Clean the air filter.
	Is the intake duct or discharge duct obstructed?	Remove the obstruction from the discharge duct or intake duct.
No air is discharged	Is the air filter clogged?	Clean the air filter.
Operation is noisy	Is the unit tilted or unsteady?	Move the unit to a stable, sturdy location.
	Is the air filter clogged?	Clean the air filter.



## MAINTENANCE

**Note:** To avoid electric shocks, turn the unit off and unplug from the mains socket before any maintenance is started.

1. If the dehumidifier is not being used for a long time, remove the plug from the mains socket.
2. For best dehumidifying performance, do not block the air inlet and outlet vents. There should be no obstruction around the unit.

### Cleaning

- To clean the surface of the appliance simply use a damp cloth. Do not use detergents or an abrasive sponge, doing so may damage the plastic surface.
- Don't spray water on to the appliance.

### Protection:

1. The compressor is fitted with an over-temperature protector unit. When the compressor temperature is too high, it will automatically cut the power to the compressor.
2. The electronic panel will automatically control and protect the dehumidifier. When the ambient temperature is higher than 35°C or lower than 5°C, the electronic panel will power off automatically to prevent damage.

### Precautions:

1. The dehumidifier will not operate if the humidity setting is higher than the ambient humidity.
2. When stopping the dehumidifier, you should wait at least 3 minutes before restarting. This will protect the compressor from damage through overheating.
3. To ensure the dehumidifier functions correctly, a minimum 1 meter clear air space is required around the front and back panels.

## **SERVICE AND SPARE PARTS**

- If you have any technical problems call the Swan helpline:  
01733 404703.

### **SPARE PARTS LIST**

- **SH3020 /01    Water tank**
- **SH3020 /02    Air filter**
- **SH3020 /03    Front cover**
- **SH3020 /04    Water stopper**

**SWAN HELP-LINE: CALL 01733 404703**

**SWAN SPARE PARTS: CALL 01733 404709**

**Calling from outside the UK Please Call - 00 44 1733 404703**

## WASTE ELECTRICAL RECYCLING



This symbol indicates that this product is classed as Electrical or Electronic Equipment and should not be disposed of with other household waste.

The Waste Electrical and Electronic Equipment (WEEE) Directive has been introduced across the European Union:

- to recycle waste electrical products using the best available recovery and recycling techniques in order to minimise the impact on the environment
- to treat any hazardous substances and
- to avoid increasing landfill.

WEEE product should be disposed of by handing it over at a designated collection point.

**For more information about where you can drop off your waste product for recycling please contact your local authority.**

