

MYZEK[®] ZEPHYR RANGE

PORTABLE DEHUMIDIFIER MYDH16L



Welcome to the ZEPHYR RANGE



Portable Air Conditioner
MYACON26N



Portable Dehumidifier
MYDH16L



Portable Dehumidifier
MYDH31B



Portable Air Conditioner
MYAC26S

General information

Please read the entire instruction manual before using the product and then save it for future reference. We reserve the right for any errors in text or images and any necessary changes made to technical data. If you have any questions concerning technical problems please contact our **Customer Services on 0800 091 3171.**

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Introduction

The **Zephyr** powerful portable dehumidifiers are perfect for removing excessive moisture from the air in single rooms, offices and businesses to help create a comfortable atmosphere.

The units have self-contained portable systems that do not require any permanent installation allowing you to move to the space in which it is most needed. They're commonly used in kitchens, living rooms, bedrooms, offices, computer rooms, garages and many other places.

The environmentally friendly R290 is used as the refrigerant. R290 has no damaging influence on the ozone layer (ODP), a negligible greenhouse effect (GWP) and is available and used worldwide. Because of its efficient energy properties, R290 is highly suitable as a coolant for these units.



Portable Dehumidifier **MYDH16L**



Suitable for home and office



Natural, non-toxic and environmentally friendly R290 refrigerant



Control at your fingertips with touch sensitive control panel



Money saving - removable, washable air filter



1 year warranty with product support



SERVICE WARRANTY

Hygiene Supplies Direct guarantees the product free from defects in materials and workmanship for a period of 1 year from date of purchase.

Should this unit be operated under conditions other than those recommended, at voltages other than the voltage indicated on the unit, or any attempts made to service or modify the unit, then the warranty will be rendered void. The product you buy may sometimes differ slightly from illustrations. This warranty is in addition to, and does not affect, your statutory rights.



If you have any problems with this product, please call our **Help Desk** on **0800 091 3171** or email sales@hygienesuppliesdirect.com

Safety instructions

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.

IMPORTANT at all times keep babies and small children away from this unit.

- This appliance is for indoor use only.
- Rating: This unit must be only connected to a 220-240V / 50Hz earthed outlet.
- Cleaning and user maintenance shall not be made by children without adult supervision.
- Disconnect the power plug from the socket before dismantling, assembling or cleaning.
- The refrigerant loop is sealed. Servicing can only be carried out by a qualified person.
- If the supply power cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance must be disconnected from its power source during any service.

- Always operate the unit from a power source of equal voltage, frequency and rating as indicated on the product rating label.
- Always use a power outlet that is grounded.
- Unplug the power cable when cleaning or not in use.
- Do not operate with wet hands. Prevent water from spilling onto the unit.
- Do not immerse or expose the unit to rain, moisture or any other liquid.
- Do not leave the unit running unattended.
- Do not tilt or turn over the unit.
- Do not unplug while the unit is operating, power it down correctly.
- Do not unplug by pulling on the power cable.
- Never operate this appliance if the power cable or plug is damaged. Ensure the power cord is not stretched or exposed to sharp objects/edges.
- Do not use an extension cable or an adaptor plug.
- Keep the filters clean. Under normal conditions, filters should only need cleaning once every three weeks (approximately). Since the filters remove airborne particles, more frequent cleaning may be necessary, depending on the air quality.

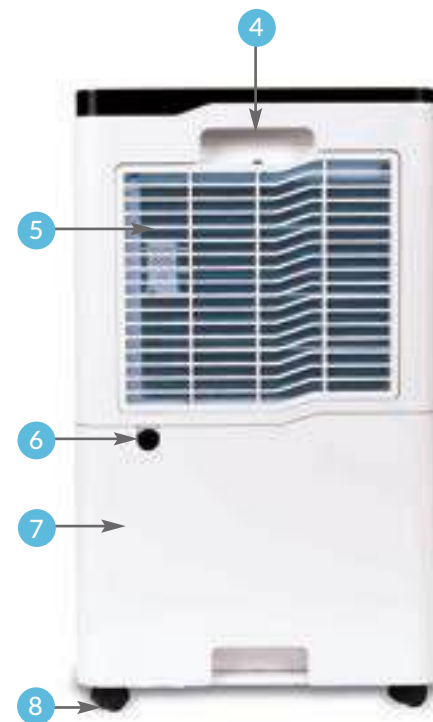
- Never use the mains plug as a switch to start and turn off the air conditioning unit. Use the provided **ON/OFF** switch located on the control panel.
- Do not put objects on the unit.
- Do not climb or sit on the unit.
- Do not insert fingers or other objects into the air outlet.
- Do not touch the air inlet of the unit whilst the unit is plugged in or in operation.
- Do not operate the unit if it is dropped, damaged or showing signs of product malfunction.
- Do not clean the appliance with any chemicals.
- Ensure the unit is **NOT** located in the same room where there are inflammable, fire or explosive objects.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall be located in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- The appliance shall be stored to prevent mechanical damage from occurring.
- Be aware that refrigerants may not contain an odour.

- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruction at all times.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

WARNING! Any person who is involved with servicing or breaking into a refrigerant circuit should hold a currently valid certificate from an industry-accredited assessment authority, which authorises their competence to handle such refrigerants safely by an industry, recognised assessment specification.

Product overview

Parts



- 1 Control panel
- 2 Digital display
- 3 Air outlet (top panel)
- 4 Handle
- 5 Air inlet with air filter
- 6 Continuous drainage outlet
- 7 Water tank
- 8 Castors
- 9 3 colour ambient humidity display

Features

High capacity dehumidifier up to 16 litres per day



Digital display



Low noise 45dB(A)



Large water tank holds up to 4.3L



Continuous drainage capability



24-hour count-down timer



Water-full indicator - auto shut off



Child lock protection



Three colour ambient humidity display



2 speed fan selection



Castors for easy mobility



Air clean/purifying mode



Automatic auto-defrost



Automatic and clothes drying function



Sleep mode

Accessories

1 Drainage pipe

2 Removable washable filter (already fitted)



2



Choose your location

1. Place the unit on a firm and level surface in an area with at least 30cm of free space around the unit to allow for proper air circulation.
2. Never position the unit where it could be subject to:
 - Heat sources such as radiators, heat registers, stoves or other products that produce heat.
 - In an area where oil or water may be splashed
 - Direct sunlight
 - Mechanical vibration or shock
 - Excessive dust circulating
 - Lack of ventilation, such as furniture, curtains, leave at least 30cm free space around the unit
 - Uneven surfaces

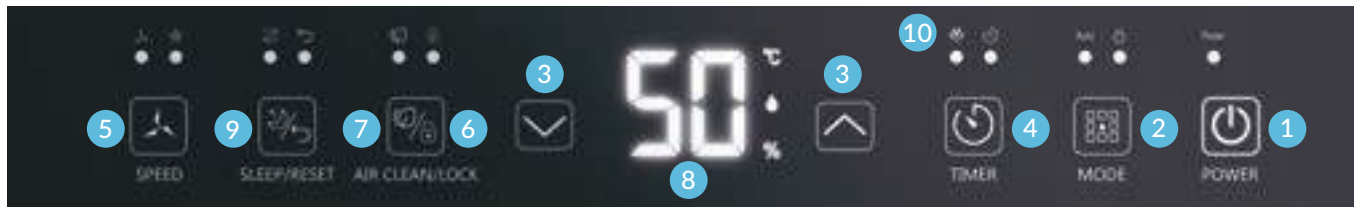
WARNING! Position the unit in rooms which exceed 4m². Do not position the unit in a place where inflammable gas may leak.



Operating the unit safely

- Check the device after unpacking for any damages or scratches on it. Keep the unit carton for out of season storage or dispose of all packaging in a environmental friendly way.
- This unit will only operate in an ambient temperature between 5°C and 35°C.
- Do not use in the outdoors. This dehumidifier is intended for indoor residential applications only.
- Do not operate in close proximity to walls, curtains, or other objects that may block inlet and outlet.
- Keep the air inlet and outlet free of obstacles.
- If tipped more than 45°, allow the unit to stand upright for at least 24 hours before start up.
- Energy saving tip: Keep doors and windows closed whilst in use.
- Do not operate or store the unit in direct sunlight or rain.
- It is normal for air outlet to feel warm to touch after continuous operation.
- Empty the water tank before moving the device.
- Make sure the water tank is correctly fitted otherwise the unit will not operate properly.
- The dehumidifier starts up in the mode selected when the unit was last used.
- The dehumidifier starts dehumidifying if the room humidity is 3% higher than the selected humidity.
- There is a protective 3 minute time delay of the compressor. Wait 3 minutes for the dehumidifier to resume dehumidification.

Operation: Control panel and display




- | | | |
|----|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | POWER | Press this (⏻) icon to switch the machine on or off. |
| 2 | MODE | Press once to switch from one mode to another. Auto mode 'Auto' or Continuous '☼' drying mode. |
| 3 | ⏮ ⏭ | Press to adjust humidity in increments of 5%. Press and hold to display current room temperature. |
| 4 | TIMER | Press this (🕒) icon to show the timer function and then press the ⏮ or ⏭ arrow to choose 0-24 hours on the digital display. |
| 5 | SPEED | Press this (🌀) icon to switch to high ⚡ or low ⚡ fan speed, this function only works in auto mode. |
| 6 | LOCK | Press and HOLD to set the child lock function, 🔒 LED is solid when on, the controls are locked and cannot be operated. Press and HOLD again, the LED light will go out, and the controls are restored.
(Please note: you must press and HOLD the child lock function for a few seconds until the lock symbol 🔒 is displayed) |
| 7 | AIR CLEAN | Press this (🌀) icon to turn air clean on and press again to turn off. |
| 8 | Digital Display | Displays current humidity, set humidity, countdown timer, tank full, room temperature. |
| 9 | SLEEP/RESET | Press this (🌙) icon to switch sleep function on or press again to reset back to your normal settings. |
| 10 | Auto Defrost | Feature to protect the dehumidifier at low temperatures - ❄️ illuminates when active. See page 15. |

Using the control panel



POWER

On first use or after storage when plugging in the unit all the indicators and the screen will turn on for 1 second and then off. There is an audible sound, the white power indicator  will light up and the machine will be in standby mode. Press **POWER** button, the machine starts to run depending on humidity, default automatic mode and high fan operation. Press **POWER** key again, the machine will stop running after around 30 seconds and enter back into standby mode.



MODE

MODE SELECTION

Auto **Auto Mode****Continuous Drying Mode**

Press once to switch the **MODE** from one to another, the corresponding icon lights up on the digital display.

Auto AUTO MODE: When environmental humidity > set humidity +3%, the fan starts working and compressor starts working after 3 seconds.

When environmental humidity < set humidity -3%, the compressor stops working and the fan will delay and shutdown.

Both fan speed and humidity can be adjusted in auto mode.



CONTINUOUS DRYING MODE: The machine continues to run, but the humidity can not be adjusted.



SLEEP MODE: In sleep mode, the fan speed automatically switches to low speed and can not be adjusted. The unit sound is also disabled.

After choosing sleep mode, after 10 seconds the sleep indicator light dims down and other indicator lights go out.



Touch any button to wake up the indicator lights and all buttons will operate again.



In sleep mode, the fan speed and humidity settings are not adjustable, only the countdown timer can be set.





In Auto **AUTOMATIC MODE,**






you can operate these keys to adjust the set humidity: every time you press  or  the set humidity increases or decreases by 5%, according to the cycle of 30%-80%.



Also press and hold either the  or  icon to check the current room temperature, the current room temperature displays for 5 seconds after automatically returning to display the current humidity.


To show or change your set humidity simply press the  or  icon once at any time.






TIMER

TIMER: Press this  icon followed by  or  to set the **COUNTDOWN** when you require the unit to switch off or switch on when in the standby state.

TIMER FUNCTION from 0-24 hours. Each time you press the  or  icon, the value increases or decreases by 1 hour and then the corresponding timing value is displayed on the screen. To cancel the countdown timer set timer display to '00' the unit to run continuously or to your set function.

After the timer is set and completed, the set timer  icon is displayed during the timing period. After the timing is over, the timer icon turns off automatically.

You can also use the timer function to switch the unit **ON** from stand-by state.

Simply press the timer  icon and arrow   icons to choose the hour when you would like the unit to switch on.





TIMER

Timer settings


The timer has two ways of operation:


To turn **OFF**
(when power on)

Press
TIMER  icon
to turn on the timer
function.



Press
 or  icon
repeatedly to set the
delay **OFF** time.

To turn **ON**
(when power off)

Press
TIMER  icon
to turn on the timer
function.

Press
 or  icon
repeatedly to set the
delay **ON** time.

Cancel timer

Press  or  icon repeatedly
until the digital display shows '00'.

Note: by pressing **POWER** you can also exit the timer setting.



SPEED

The **FAN SPEED** can only be adjusted in the automatic mode. Press this key to switch the high ☆ and low ▲ fan speed. The corresponding fan speed indicator lights up above the **SPEED** icon on the digital display.

AIR CLEAN
/LOCK

LOCK: Press and hold this key to set the child lock function. The child lock 🔒 indicator light will show on the digital display. All keys are locked and cannot be operated. Press and hold this button again, the indicator light will go out and the unit keys are restored.

AIR CLEAN
/LOCK

AIR CLEAN: Press this key to turn on the air ioniser which can help assist in cleaning the air in the room of smaller molecules like bacteria and viruses during operation.



Benefits of using a dehumidifier for drying clothes

A dehumidifier clothes dryer uses dry air instead of heat, which leaves your clothes softer to the touch.

Also, dehumidifiers used in rooms for drying clothes can help eliminate mould and musty smells in your home. Admittedly, most laundry rooms have an unpleasant odour that comes from mould and mildew that sets in over time.



CLOTHES DRYING FUNCTION: Press this key to turn on the clothes drying function.



Auto-Defrost Feature

When the unit Auto-Defrosts at low temperatures, this indicator lights up

To protect your dehumidifier when the rooms ambient temperature is lower than 5°C or higher than 35°C the dehumidifier stops.

When the rooms ambient temperature is between 5°C and 16°C the compressor at times will automatically defrost at intervals; during defrosting, the compressor stops and the fan keeps running.



'At-a-glance' 3 colour ambient humidity display

When the unit is switched on a coloured light on the front will illuminate. This gives the user an 'at-a-glance' indication of the ambient humidity within the room.

It can easily be viewed from a distance and shows one of three glowing light colours each denoting one of the following states:

When the ambient humidity is less than 45% - the light shows **'Blue'**

When the ambient humidity is between 45% and 65% - the light shows **'Green'**

When the ambient humidity is more than 65% - the light shows **'Red'**



If the digital displays error codes **E0, E2, CL, CH, LO, HI** and the light shows **'Red'**, please refer to the troubleshooting guide on pages 20 and 21 for more information.

Maintenance

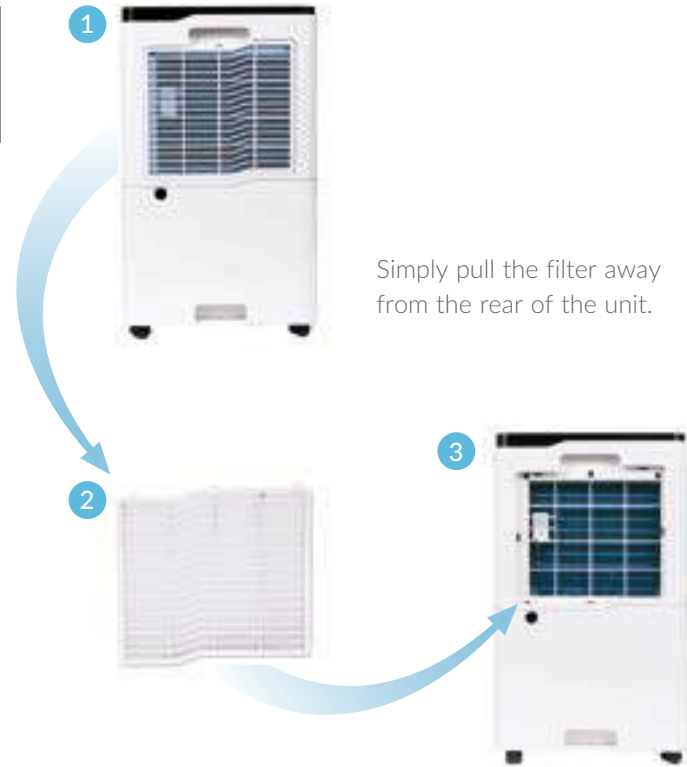
WARNING! before cleaning and maintaining the machine, be sure to turn off the machine and pull the power plug to prevent electric shock.

Cleaning the air filter (every 2 weeks)

Dust collects on the filter and restricts the airflow. The restricted airflow reduces the efficiency of the system and if it becomes blocked it can cause damage to the unit.

The air filter requires regular cleaning. The air filter is removable for easy cleaning. Do not operate the unit without an air filter, or the evaporator may be contaminated.

1. Simply pull the filter away from the rear of the unit.
2. Use a vacuum cleaner to gently absorb the dust on the surface. If the filter is very dirty, wash it with water and a soft detergent and dry it thoroughly afterwards.
3. Carefully place and position the filter back into the unit.



Drainage

Emptying the water tank

- When the tank is full, the unit will make a buzzing sound, and the 'water full' 💧 icon, on the digital display, will light up.
- Press the **POWER** ⏻ button to turn off the unit.
- Carefully pull out the water tank by simply sliding out of the body of the dehumidifier.
- Empty the water into an suitable area like a sink, bath-tub, drain or outside area.
- Clean the inside of the tank as well as the outside.
- Replace the empty tank back into the unit.
- Press the **POWER** ⏻ button to resume operating.
- If the water full light does not extinguish, check that the float is correctly in place.



WARNING:

1. Do not discard water tank magnets and plastic rivets. Otherwise, the machine will not automatically stop working when the water tank is full, and the condensed water will overflow and damage the floor of the room.
2. Please be sure to clean the condensed water in the water tank before resetting the working mode of the machine.
3. If the water tank is dirty, rinse it with clean water. Avoid using detergents, steel wool, chemical dust removers, diesel oil, benzene, diluents or other solvents. Otherwise, the water tank will be damaged and leak.
4. Fully Insert the empty tank correctly back into the unit. Otherwise, the water full indicator may remain red and the machine will not restart.

Continuous Drainage

For continuous operation or unattended dehumidification, please securely push and connect the supplied drain hose pipe to the unit water outlet pipe which is located behind the rear of the top left hole on the water tank (see image). Water can then automatically flow into a bucket or drain by gravity. Please remember to empty the bucket or container regularly to avoid overflow and damage to floors.

WARNING:

1. Important: Please do not block the drain or drain pipe, if blocking occurs and water cannot escape, condensed water will flow into the water tank.
2. Please do not bend the drain pipe. The height of the drain pipe should be lower than the outlet it is attached to.
3. Always make sure that the drain pipe is be securely connected to the outlet.

1. Straighten the drainage pipe
2. Insert one end of the pipe into the cistern hole and connect the other end to the drain or bucket like container.



Storage

Long-term storage - if you will not be using the unit for an extended period of time (more than a few weeks) it is best to clean the unit and dry it out completely. Please store the unit per the following steps:

1. Press power button to switch off and unplug the unit.
2. Drain the remaining water from the unit.
3. Clean the filter and let the filter dry completely in a shaded area.
4. Collect the power cord at the water tank.
5. Carefully replace the filter back into the unit.
6. The unit must be kept in upright position when in storage.
7. Preserving the machine in ventilating, dry, non-corrosive gas and safe place indoor.

ATTENTION! The evaporator inside the machine has to be dried out before the unit is packed to avoid component damage and mold. Unplug the unit and allow it to dry out. Alternatively, switch onto low-fan ventilation mode until the drainage pipe and inner body of the machine is dry, in order to prevent mildewing.



Troubleshooting

Before calling for a service

Before contacting professional service, please review the trouble shooting list below that includes common occurrences.

PROBLEM		POSSIBLE CAUSE	SOLUTION
The unit is not operating		No power supply	Connect to a functioning outlet and switch on
		Water Full indication flashes	Drain water tank, reset it, or re-position the water tank
		Room temperature < 5°C or > 35 °C	Self-Protection - designed to work between these temperatures
Reduced capacity		Is the air filter clogged?	Clean the air filter as instructed
		Is the intake duct or discharge duct obstructed?	Remove the obstruction from the discharge duct or intake duct.
No air intake		Is the filter clogged?	Wash the filter
Excessive Noise		Is the machine located on a flat even surface?	Place the machine on a flat even surface
		Is the filter clogged?	Wash the filter
Error codes explained	E2	Humidity sensor problem	Change a sensor
	LO	Environmental humidity is below 20%	The dehumidifier shuts down for self-protection
	HI	Environmental humidity is above 90%	
	CL	Low temperature protection, the environmental temperature <5°C	
	CH	High temperature protection, the environmental temperature >35°C	

MYLEK[®] DEHUMIDIFIER

MYDH16L

UK
CA

CE



Dehumidify Capacity:	8.5L/D (27°C, RH60%) 16L/D (30°C, RH80%)
Rated Voltage:	AC220-240V
Rated Frequency:	50Hz
Rated Input Power:	325W (27°C, RH60%)
Rated Input Current:	2.05A (27°C, RH60%)
Max. Rated Input Power:	350W (30°C, RH80%)
Max. Rated Input Current:	2.15A (30°C, RH80%)
Water Tank Capacity:	4.3L
Sound Pressure Level:	≤45dB(A)
Refrigerant Charge:	R290 55g
Net Weight:	14kg
Maximum suction/exhaust side working pressure	0.7MPa/3.2MPa
Maximum permissible pressure on the high/low pressure side	3.2MPa
Heat exchanger maximum allowable pressure	3.2MPa

Important

The importer retains his right to make changes in appearance and completeness of the item without preliminary notification to the customer. The item is for household use only.

The manufacturer does not assume any liability for any damage caused directly or indirectly by not following this instruction manual, general safety rules, or interference in the construction of the product



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it

responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



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Should this unit be operated under conditions other than those recommended, at voltages other than the voltage indicated on the unit, or any attempts made to service or modify the unit, then the warranty will be rendered void. The product you buy may sometimes differ slightly from illustrations. This warranty is in addition to, and does not affect, your statutory rights.

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Hygiene Supplies Direct Ltd, Castleford WF10 1PA declares that the Portable Dehumidifier is exclusively manufactured and imported for Mylek.

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