



SMART

8 eco/ 10 eco/ 12 eco/ 14 eco/ 16M

DEHUMIDIFIER
DEZUMIDIFICATOR
LUFTENTFEUCHTER
DESHUMIDIFICADOR
DÉSHUMIDIFICATEUR
DEUMIDIFICATORE
PÁRÁTARTÓ
ОБЕЗВЛАЖНИТЕЛ

Instruction manual
Manual de instructiuni
Bedienungsanleitung
Manual de instrucciones
Manuel d'instructions
Manuale di istruzioni
Használati utasítás
Инструкция за употреба



EN RO DE ES FR IT HU BG

turbionaire.com

EN:CONTENT

1.	BEFORE YOU BEGIN	4
2.	SAFETY PRECAUTIONS ON SERVICING	5
3.	PRODUCT OVERVIEW	9
4.	INSTALLATION	11
5.	OPERATION	12
6.	MAINTENANCE	16
7.	TROUBLESHOOTING	17
8.	DECOMMISSIONING	18

Thank you for selecting our dehumidifier.
Be sure to read this manual carefully before using it.
Please keep this manual carefully for further reference!

1.BEFORE YOU BEGIN

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

A.PRODUCT DESCRIPTION

The dehumidifier is used to remove excessive moisture from the air. The resulting reduction in relative humidity protects buildings and their contents from the adverse effects of excess humidity. **WARNING:** The impedance of the unit must not exceed 0.236 ohms. Failure to comply with these requirements may result in restrictions being imposed by the power supply authorities. Refer to the local power supply authorities if the electrical impedance exceeds 0.236 ohms.

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 worldwide. Because of its efficient energy properties, R290 is highly suitable as a coolant for this application. Special precautions must be taken into consideration due to the coolant's high flammability.

B. SYMBOLS ON THE UNIT AND USER MANUAL



Warning!

This unit uses a flammable refrigerant.

If refrigerant leaks and comes in contact with fire or heating part, it will create harmful gas and there is risk of fire.



Read the USER MANUAL carefully before operation.



Further information is available in the USER MANUAL, SERVICE MANUAL, and the like.



Service personnel are required to carefully read the USER MANUAL and SERVICE MANUAL before operation.

C.THE FOLLOWING SHOULD ALWAYS BE OBSERVED FOR SAFETY

Any person working with a refrigerant or cooling circuit must hold a valid certificate issued by an accredited assessment authority competent in the field to authorize the safe handling of refrigerants according to the recognized assessment specifications in the field.

- Take into consideration the protection of the environment when removing the packing of the unit and the unit itself at the end of its useful life.
- The appliance must be stored in a well-ventilated area where the room size is inline with the operating conditions.
- The appliance must be stored in such a way that mechanical damage cannot occur.
 - Information for spaces where refrigerant pipes are allowed:
 - the installation of the pipes must be kept to a minimum;
 - the pipes must be protected from physical damage and, in the case of flammable refrigerants, must be installed in a well-ventilated area;
 - compliance with national gas regulations;
 - mechanical connections must be accessible for maintenance;
 - in the case of units containing flammable refrigerants, the minimum area of the room must be mentioned under the form of a table or of a single figure without reference to a formula;
- Ventilation holes should be kept free.
- Any service intervention will only be performed in accordance with the manufacturer's recommendations;
- The pipes connected to an appliance should not contain a potential source of fire;
- When the portable air conditioner or the dehumidifier is turned on, the fan can operate permanently under normal conditions to ensure a minimum air volume of 80m³ / h, even when the compressor is closed due to the temperature controller.
- Do not perforate or burn.
- Use only the tools recommended by the manufacturer for defrosting or cleaning
- Do not perforate any of the components of the refrigerant circuit. The cooling gas may be odour less.
- Carefully store the appliance to prevent mechanical damage.
 - Only the persons authorized by an accredited agency certifying their competencies can handle refrigerants in accordance with the local legislation.
- All repairs must be carried out in accordance with the manufacturer's recommendations.
- Maintenance and repairs requiring the assistance of qualified personnel must be carried out under the supervision of specialists in the use of flammable refrigerants.
- Do not perforate any of the components of the refrigerant circuit. The refrigerant may be odourless.

Additional warnings for the unit using the R290 refrigerant (refer to technical data plate for the type of refrigerant used).



Warning!

CAREFULLY READ THE MANUAL BEFORE USING THE APPLIANCE. R290 refrigerant complies with the European directives regarding the protection of the environment.

Turbionaire Smart 8 Eco/ Smart 10 Eco contains approximately 40g of R290 refrigerant.

Turbionaire Smart 12 Eco contains approximately 55g of R290 refrigerant.

Turbionaire Smart 14 Eco contains approximately 52g of R290 refrigerant.

Turbionaire Smart 16M contains approximately 62g of R290 refrigerant.

The unit must be installed, used and stored in a room larger than 4 m².

FAILURE TO ABIDE BY THIS WARNING COULD RESULT IN EXPLOSION, DEATH, INJURY AND PROPERTY DAMAGE

2. SAFETY PRECAUTIONS ON SERVICING



Your safety is the most important thing we concerned!

Please read this manual carefully and fully understand before operating your dehumidifier.



Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry, recognized assessment specification.



Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants. If you don't understand something or need help, please contact the dealer services

Please follow these warnings when to undertake the following when servicing a dehumidifier with R290.

1. Checking the working area

Before starting the works on systems containing flammable refrigerants, safety checks are required to reduce the risk of fire. To repair the cooling system, the following precautions must be observed before carrying out works on the system.

2. The working procedure

The works shall be carried out in accordance with a controlled procedure so as to minimize the risk of leakage of flammable gas or vapours during working procedures.

3. The general working area

All maintenance personnel and the others working in adjacent places should be trained on the nature of their work. Working in enclosed spaces should be avoided. The area around the workspace will be delimited. Ensure that safety conditions are met in the working area by controlling the flammable material.

4. Checking the presence of the refrigerant

The area will be checked with a suitable refrigerant detector before and during working to ensure that the technician is aware of the potentially flammable atmosphere. Ensure that the leakage detection equipment used is suitable in case flammable refrigerants arise, i.e. spark proof, properly protected or sealed.

5. The presence of the fire extinguisher

In case heating work must be carried out in the refrigeration system or in any associated parts, adequate fire-fighting equipment must be always available for you. Make sure there is a dry powder or a CO2 fire extinguisher adjacent to the working area.

6. No sources of open flame

No person working within the refrigeration system involving direct exposure to flammable refrigerant will use an open flame source, otherwise it will significantly increase the risk of fire or explosion. All ignition sources, including cigarettes, should be kept sufficiently far from the place of installation, repair, removal and disposal, during which the flammable refrigerant could be released in the surrounding area. Before working on such a plant, the surrounding area must be monitored to ensure that there is no risk of ignition. Also, the message "No smoking" should be displayed.

7. Ventilated area

Make sure that there is an open or well ventilated area before starting working on the cooling system or performing any heating work. The presence of a fan is compulsory throughout the work. Through ventilation, any released coolant should be safely dispersed and preferably expelled out into the atmosphere.

8. Checking the refrigeration equipment

If the electrical components are replaced, they must comply with the technical specifications. Strictly observe the instructions for maintenance and service of the manufacturer. If in doubt, consult the manufacturer's technical department for assistance.

The following verifications apply to installations using flammable refrigerants: - the amount of cargo is in line with the size of the room where the components containing the refrigerant are installed;

- the fans and air outlets work properly and are not obstructed;

- if an indirect cooling circuit is used, the secondary circuit must be checked to see if it contains refrigerant; - The marking of the equipment must be visible. The signs and symbols that are illegible will be corrected;

- The pipes or components of the refrigeration plant are placed in a position where they are unlikely to be exposed to any substance that may corrode the components containing refrigerant unless the components are made of corrosion-resistant materials or suitably protected materials against corrosion.

9. Checking electrical devices

The repair and the maintenance of electrical components must include initial safety checks and component inspection procedures. If there is a failure that could compromise the safety, the circuit must not be connected to any power source until the failure is treated satisfactorily. If the failure cannot be corrected immediately, but operating is still necessary, an appropriate temporary solution should be used. This must be reported to the owner of the equipment so that all parties are informed. The initial safety checks shall be carried out if:

- capacitors are discharged: this is done in a safe manner to avoid the occurrence of sparks;
- electrical components and electrical cables are not exposed during charging, refurbishing or cleaning the plant;
- there is grounding continuity.

10. Repair of sealed items

While sealed items are being repaired, all power sources must be disconnected from the equipment it must be intervened on, before any removal of the sealed caps, etc. If it is absolutely necessary to power the equipment during service, then a continuous leakage detection system should be considered at the most critical point to warn in case of a potentially hazardous situation.

Particular attention must be paid to the following aspects in order to ensure that while working on the electrical components, the housing is not modified in such a way that the protection level is affected. These include cable damage, excessive number of connections, terminals which do not comply with the original specifications, seals damage, improper seals fitting, etc.

Ensure that the appliance is safely mounted. Ensure that the seals or the sealing materials are not degraded so that they are no longer used for the purpose of preventing the penetration of flammable gases. Spare parts must be in accordance with the specifications of the manufacturer.

11. Repairs brought to intrinsically safe components

Do not use permanent inductive or capacitive loads in the circuit without ensuring that they do not exceed the voltage and power allowed for the equipment used. The intrinsically safe components are the only types it can be worked on in the presence of a flammable atmosphere. The test appliance must be correctly evaluated. Replace the components only with the parts specified by the manufacturer. Other components may cause the ignition of the refrigerant in the atmosphere due to a leakage.

12. Cables

Check that the cables will not be subjected to wear, corrosion, excessive pressure, vibrations, sharp edges or other adverse effects on the environment. Verification should also take into account the effects of the deterioration over time or of the continuous vibrations from sources such as compressors or fans.

13. Detection of flammable refrigerants

Potential sources of ignition should not be used under any circumstances when searching or detecting refrigerant leakage. Do not use a halogen flash light (or any other detector using an open flame).

14. Removal and disposal

When intervening in the circuit of the refrigerant for repairs - or for any other purpose - conventional procedures will be used. However, in the case of refrigerants, it is important to observe the best practices as there is a high risk of fire. Observe the following procedure:

- Remove the refrigerant;
- Purge the circuit with inert gas;
- Drain;
- Purge again with inert gas;
- Open the circuit by cutting or brazing.

The quantity of refrigerant is recovered in the corresponding recovery cylinders. For the units containing refrigerants, the system must be purged with OFN to protect the unit. This process may be repeated several times. Do not use compressed air or oxygen for this procedure. Washing is performed by forced introduction of OFN (oxygen-free nitrogen) into the system until the working pressure is reached, followed by venting into the atmosphere and finally aspiration. This process is repeated until the refrigerant is evacuated from the system. When the final quantity of OFN is used, the system must be ventilated at atmospheric pressure to allow works to be carried out. This operation is absolutely vital if the brazing operations on the pipes are to be carried out. Ensure that the socket of the vacuum pump is not close to the open flame sources and that there is ventilation available.

15.Filling procedures

In addition to conventional filling procedures, the following requirements must be observed:

- When filling equipment is used ensure that different refrigerants are not contaminated. The hoses should be as short as possible to minimize the quantity of the refrigerant contained therein.
 - The cylinders must be kept upright.
 - Ensure that the cooling system is grounded before filling the system with refrigerant.
 - Label the system after filling it with refrigerant (if it is not already labelled).
 - Do not overload the cooling system. Before refilling the system, it must be tested with OFN. The system must be checked for leakage when the filling procedure is completed but before the unit is placed in service. After the filling procedure, perform a leakage detection test.
- 16.DecommissioningBefore performing this procedure, it is essential that the technician is completely familiar with the equipment and with all its components. It is recommended that all refrigerants are safely recovered. Before performing this procedure, a sample of oil and refrigerant is taken if an analysis is required before re-using the regenerated refrigerant. It is essential that the power supply is available before the procedure begins
- a. Familiarize yourself with the equipment and with its operation.
 - b. Insulate the system from the electrical point of view.
 - c. Before proceeding, make sure that:
 - d. Mechanical handling equipment is available if it is necessary for the handling of coolant cylinders;
 - e.All individual protection equipment are available and correctly used;
 - f.the recovery process is permanently supervised by a qualified person;
 - g.The recovery equipment and cylinders are in accordance with the appropriate standards.
 - h. If possible, drain the cooling system.
 - i. If aspiration is not possible, use a collector so that the refrigerant can be removed from different parts of the system.
 - j. Ensure that the cylinder is in upright position before recovery.
 - k. Start the recovery machine and use it in accordance with the instructions of the manufacturer.
 - l. Do not fill the cylinders. (Must not exceed 80% of the quantity of liquid).
 - m. Do not exceed the maximum working pressure of the cylinder, even temporarily.

- n. When the cylinders have been correctly loaded and the process has been completed, make sure that the cylinders and the equipment are quickly removed from the working area and that all the insulation valves of the equipment are closed.
- o. The recovered refrigerant must not be loaded into another cooling system unless it has been cleaned and checked.¹⁷. Labelling The equipment must be labelled with the mention that it has been dismantled and emptied by the refrigerant. The label must be dated and signed. Ensure that there are labels on the equipment showing that the equipment contains flammable refrigerant.

18.Recovery

When performing the procedure of removing the refrigerant from a system, either for service or for decommissioning, it is recommended that all refrigerants are safely removed. When transferring the refrigerant to cylinders, make sure that only the recovery cylinders are used for the refrigerant. Ensure that the correct number of cylinders is available to take up the total quantity of the refrigerant in the system. All cylinders to be used are intended for the recovered refrigerant and labelled for the respective refrigerant (i.e. special cylinders for the recovery of the refrigerant). The cylinders must be equipped with the pressure valve and the associated shut-off valves in good working order. Drained recovery cylinders are evacuated and, if possible, cooled before recovery.

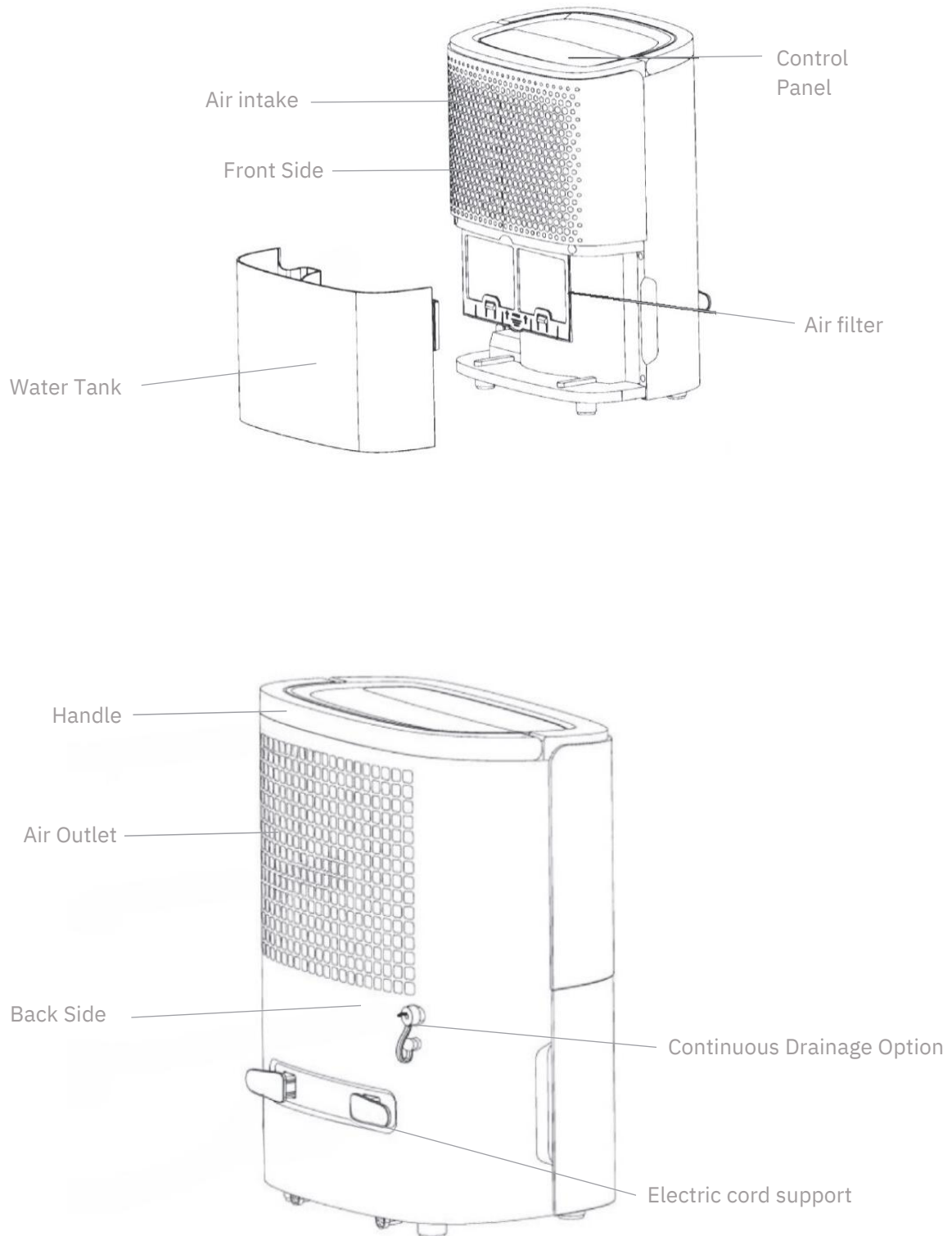
The recovery equipment must be in good working order, provided with a set of available equipment instructions and be suitable for the recovery procedure of flammable refrigerants. In addition, a set of calibrated scales must also be available in good working order. Hoses must be equipped with connection mechanisms without leakage and in good condition. Before using the recovery machine, make sure it is in good working condition, that it was properly maintained and that all associated electrical components are sealed to prevent ignition when a coolant is released. Consult the manufacturer if in doubt. The recovered refrigerant will be accordingly returned to the supplier of the refrigerant in the recovery cylinder and the note referring to the transfer of waste will be prepared. Do not mix coolants in the recovery units and especially not in the cylinders. If the compressors or the oils in the compressors have to be removed, make sure they have been discharged to an acceptable level to ensure that the flammable refrigerant does not remain in the lubricant. The evacuation process must be carried out before returning the compressor to the suppliers. Only use electrical heating of the compressor body to accelerate this process. When the oil is removed from a system, this must be performed in safety conditions.

Initial safety checks shall include:

- Those capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;
- That there no live electrical components and wiring are exposed while charging, recovering or purging the system;
- That there is continuity of earth bonding

3. PRODUCT OVERVIEW

A. FRONT AND REAR VIEW



B. FEATURES

- Powerful moisture removal
- Humidity Monitor shows current air humidity
- Auto mode automatically adjusts humidity levels
- Effectively removes moisture, dust from the air
- Low power consumption-energy efficient
- Quiet fan has two speed settings
- Auto-Defrost at low temperature
- Auto shut-off/ auto restart
- Electronic control
- Laundry drying function
- Continuous drainage
- 1.8L water tank

C. TECHNICAL SPECIFICATIONS

MODEL	SMART 8 eco/ 10 eco/ 12 eco	SMART 14 eco/ 16 eco
Dehumidification Capacity	8/ 10/ 12 L/ Day (30°C, 80%)	14/ 16 L/ Day (30°C, 80%)
Power Supply	AC220 - 240V/ 50Hz	AC220 - 240V/ 50Hz
Power Consumption	200W/ 1.1A	250W/ 1.4A
Noise	≤40dB(A)	≤40dB(A)/ ≤43dB(A)
Water Tank Capacity	1.8L	1.8L
Maxi. Refrigerant Charge	R290/ 40g/ 40g/ 55g	R290/ 52g/ 62g
Net weight	10 kg / 10 kg/ 10.5kg	10.5 kg / 11.5kg
Minimum Room Size	4 m ² (Floor area)	4 m ² (Floor area)
Dimensions	296x416x217 mm	296x416x217 mm

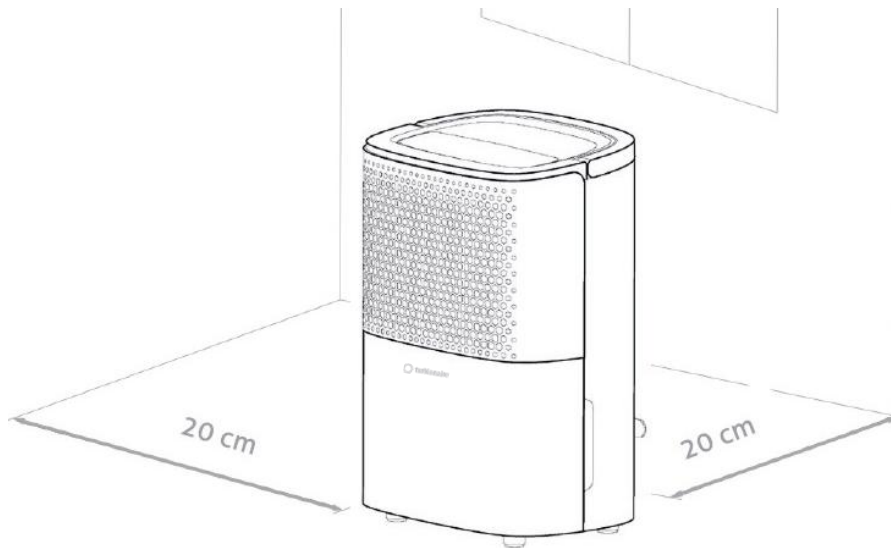
4. INSTALLATION

A. PLACING THE DEHUMIDIFIER

Place the unit on a firm, level surface in an area with at least 30 cm of free space around it to allow for proper air circulation.

Never install 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
- Lack of ventilation, such as cabinet or bookcase
- Uneven surface



WARNING

Install the unit in rooms which exceed 4 m².

Do not install the unit in a place where inflammable gas may leak.



NOTE

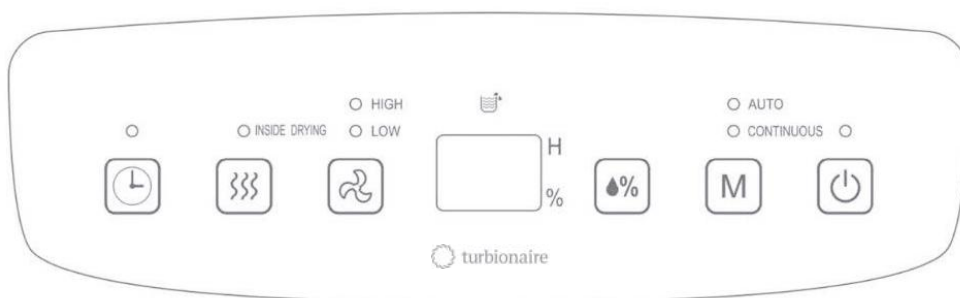
The manufacture may provide other suitable example or may provide additional information about the refrigerant odor.

B. OPERATING THE DEVICE SAFELY

- Check the device after unpacking for any damages or scratches on it.
- Operate this unit in an ambient temperature from 5°C to 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.
- Adjusting the wind deflector in the upward direction prior to start up.
- If tipped more than 45°, allow the unit to set upright for at least 24 hours before start up.
- Keep doors and windows close for better energy saving. 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 on hot days.
- 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-minutes time delay of the compressor. Wait 3 minutes for the dehumidifier to resume dehumidification.

5. OPERATION

A. Control Panel



POWER

In the standby state, press the power button to turn on, the operation indicator lights up and the default fan speed is low. In the power-on state, press the power button to turn off, the running indicator light goes off and the compressor stops immediately.

MODE

Auto mode - Continuously drying mode, press once to switch the mode from one to another, the corresponding indicator lights up.

- **Auto mode:** In this mode, if the room humidity is higher than 5% humidity, the compressor and fan will start. If the room humidity is lower than the set humidity by 5%, the compressor will shut down and the fan will operate according to the initial setting and to read the humidity in the air. The initial humidity value is 50%.
- **Continuously drying mode** - drying function of textile materials. In this Mode, the unit will work regardless of the humidity in the room. The compressor and fan will work, the fan speed being adjustable. The machine continues to run, but the humidity cannot be adjusted.

TIMER

Press the timer button to set the 1-24 hour timing function. The interval is 1 hour. Each time you press this button, the value increased 1 hours and then the corresponding timing value is displayed on the screen. The setting value is "0" to cancel the timer function. The indicator turns out. After the timer is set and completed, the timer LED is on during the timing period. After the timing is over, the timer LED turns off automatically.

In the running state, set the time to turn off the machine;

In the standby state, set the time to turn on the machine.

HUMIDITY SET ADJUSTMENT

Touch the humidity button to check the current environment humidity, touch this button again and you can set the humidity. The range of target humidity is 80%-75%-65% ... 40%-35%-30%. After setting 3 seconds, the system confirms the input value and then the machine exits the setting state, and returns the current humidity. In the drying mode, the target humidity cannot be changed.



FAN SPEED

In automatic dehumidification mode (AUTO) and drying mode (CONTINUOUS), press this key to change the speed Fan: Low Speed / High Speed. For proper operation of the appliance, the fan operates continuously until it stops.



INTERNAL DRYING FUNCTION

Press the INSIDE DRYING key to start the internal drying function before turning off the unit. This feature prevents mold formation inside the device due to moisture remaining after it has stopped.



DISPLAY

in automatic dehumidification mode (AUTO) or in textile drying mode (CONTINUOUS), it will indicate the actual room humidity, the humidity set, and in TIMER mode will indicate the time set in hours.



WATER TANK FULL ALARM – Drainage Manually

• Water Tank Indicator

When the water tank is full (the water level indicator in the reservoir can be visually viewed at any time), until it is drained, the unit will stop running under the action of the float in the tank, a beep will sound 10 times briefly, and the message "FL" and the red LED tank LED full will be displayed. Remove the water tank from the device and empty it from the water. Reinstall the water drain tank and the dehumidifier will restart.

• Clear the alarm

When the buzz is on, press any button to stop it. The compressor and the fan shut down and all the functions freeze until the water tank is emptied and back in right position.

B. Drainage

There are two ways of removal collected water produced by the unit.

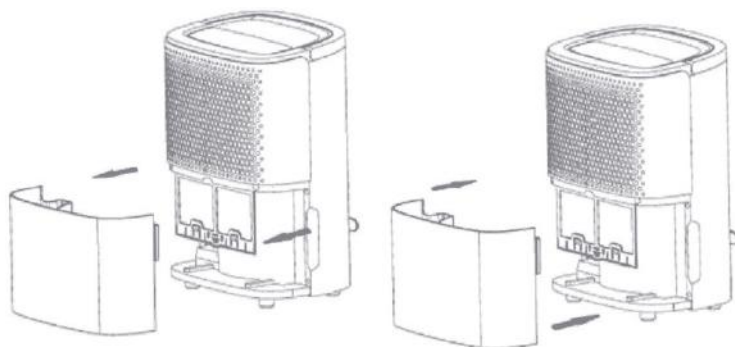
1. Manual draining: the water tank is removed manually.
2. Continuous draining: attach a drain hose to the unit so that the condensed water is drained by using gravity.

C. Emptying the water tank

The unit will shut down once the water tank is full. It will run again once you have emptied the water tank and reinstalled it properly. When the tank is full, the unit will make a buzzing sound, and the "Water Full" LED will turn in red

- Press the POWER button to turn off the unit.
- Pull on the water tank and slide out of the body of the dehumidifier.
- Empty the water into an area with a drain or outside.
- Clean the inside of the tank, if necessary, as well as the outside.
- Replace the empty tank back into the unit.
- Press the POWER button to restart the unit.

NOTE: If the "Water Full" LED is still on, check if the water tank float is correctly placed and free from any blocking.



D. Continuous Drainage

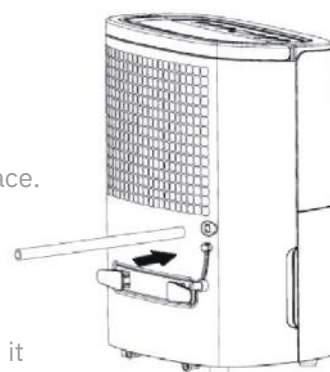
For continuous operation or unattended dehumidification, please connect the attached drain hose to the unit. Condensate water drains freely into a bucket or drainage hole by using gravity. Remove the rubber plug attached to the continuous drain connector from the back of the device before connecting the hose.

Remove the water tank and lock with the rubber plug removed, the hole on the front of the device, which normally drains the water in the tank, thus water being directed to be discharged through the rear part to which it connects drain hose. Connect a water drain hose (included in the pack) to the back of the device (inner diameter of the connector: 9 mm), the water can be drained continuously. Check that the hose is properly connected to the drainage hole to avoid accidental water leakage. The drain hose may not be too long (usually 0.6 m), it should not be positioned above the level of the drain hole to ensure drainage of the drained water.

- Place the unit on a horizontal and stable surface.
- Switch off the unit before operating.

Remove the plug of the water drain hole and keep it in a safe place.

Continuous drainage outlet

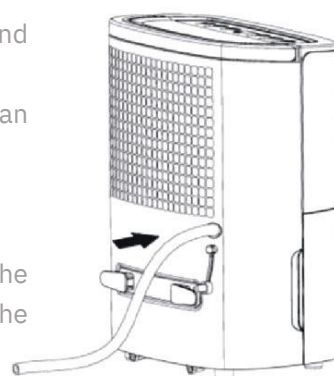


- Securely and properly connect the drain hose and make sure it is not obstructed.
- Place the outlet end of hose into a drainage hole or bucket and ensure that water can freely drain out of the unit.
- Do not submerge the end of hose into water; otherwise it can cause "Air Lock" in the hose.

To avoid water spillage:

As the negative pressure of condensate drain pan is large, tilt the drain hose downwards toward the floor. It is appropriate that the degree of inclination should exceed 20 degrees.

Straighten the hose to avoid bending.



E. ANTI-FROST FUNCTION

This function will be activated when the ambient temperature falls below 16°C. The display will show „P1“. It will be activated for a period of 8 minutes every 38 minutes between 2-12°C. It will also be activated for a period of 5 minutes every 60 minutes between 12-16°C.

6. MAINTENANCE

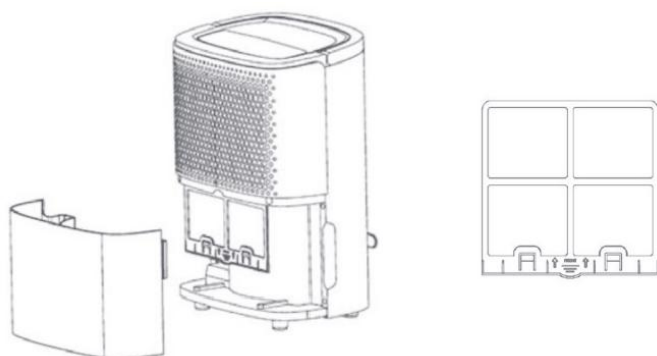
CLEANING THE AIR FILTER

- Turn off this appliance and pull out plug before maintaining or repairing.
- Pull out plug if dehumidifier is not used for long time
- Please do not use benzene, alcohol, gasoline or other chemical reagent to clean unit.

Clean the filter at least every two weeks or whenever needed. The deposits accumulated on an unclean filter can be absorbed by the fan then remain attached to the evaporator, condenser and other components inside the unit, which can reduce the unit's efficiency and lead to various malfunctions that are not covered by the guarantee.

If any deposits are found inside the unit, contact the nearest authorized service for professional cleaning. Do not perform internal cleaning operations (other than cleaning and washing the washable filter) by yourselves. Always contact qualified technical personnel.

- a) Remove the filter grid and take off the filter.



- b) Use a vacuum cleaner to gently absorb the dust on the surface of the filter. If the filter is very dirty, wash it with water and a soft detergent and dry it thoroughly afterwards. Use wet cloth to clean appliance surface, do not use detergent or grinding sponge to damage surface

- c) Put the filter back to its initial place, which is in the back of the unit.

7. TROUBLESHOOTING

A. FUNCTIONING TEMPERATURE

5°C ≤ Ambient Temperature ≤ 35°C When the ambient temperature is lower or higher than the functioning temp, the dehumidifier stops.

When 5°C ≤ Ambient temp. ≤ 16°C, the compressor automatically defrosts at intervals; during defrosting, the compressor stops and the fan keeps running.

B. BEFORE CALLING FOR SERVICE

Before contacting professional service, please review the trouble shooting list that includes common occurrences that are not the result of a defect in workmanship or materials.

Problem	Possible Cause	Solution
Not working	No power supply Water Full Indication Flashes. Water tank is full or water tank is not assembled well. Room temperature - operation temperature is too low or too high <5°C or >35°C	Connect to a functioning outlet and switch on. Drain water tank and replace it back into the unit. Self-Protection designed to protect the unit. Cannot work under such temperature.
Bad functioning	Is the air filter clogged? Is the intake duct or discharge duct obstructed?	Clean the air filter as instructed Remove the obstruction from the discharge duct or intake duct.
No air intake	Is the air filter clogged? Operation temperature or humidity is too low. Is air outlet or air inlet blocked	Wash the filter Under dry environment, dehumidifying effect will be not so obvious. Clean the air outlet or air inlet.
Loud noise when running	Is the unit placed on a horizontal and flat surface?	Place the unit correctly
	Is the filter clogged?	Wash the filter
Loud noise when running	Drainage pipe is not tightly connected.	Check the drainage pipe.
	Pipe is blocked.	Clean the debris in pipe.

8. DECOMMISSIONING

8.1 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:

- Press power button to switch off and unplug the unit.
- Drain the remaining water from the unit.
- Clean the filter and let the filter dry completely in a shaded area.
- Collect the power cord at the water tank.
- Reinstall the filter at its position.
- The unit must be kept in upright position when in storage.
- 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 molds. Unplug the unit and place it in a dry open area for days to dry it out. Another way to dry the unit is to set the humidity point more than 5% higher than the ambient humidity to force the fan to dry the evaporator for a couple of hours.

8.2 DISPOSAL

WARNING!!!



Releasing refrigerant into atmosphere is strictly forbidden!

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information

regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

For Turbionaire WEEE/ Packaging/ Battery in EU

Please scan here the QR Code