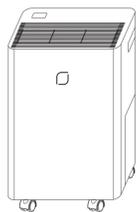


## User Manual

### NORDHAUS<sup>®</sup> 10 LITRE DEHUMIDIFIER PLU 150536



- After receiving the product, please place the machine in normal position and standing still for 6-8 hours, to allow the refrigerant flow back as normal and improve the lifespan of compressor.
- Before use, please take out the water tank and peel of the sticker on the float, and ensure the float can turn as normal.
- Emergency Handle Method:**  
When machine operate abnormally, please quickly turn off the power and unplug the power from main socket. Contact seller and do not try to fix and open the machine

**PLEASE READ THESE INSTRUCTIONS CAREFULLY. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.**

- Please ensure power supply Voltage is 220V /50Hz and with earth bonding.
- To avoid overheating, please do not stake other object on the machine.
- Please do not place the machine next to power point.
- Please do not place in bathroom or washroom or any wet area.
- Please avoid placing the socket and the wire from wet area.
- Please do not spray water, liquid, insecticides and flammable liquids on the machine.
- When doing maintenance, please power off and unplug the power socket.
- When need to move the machine, please power off and unplug the power socket.
- Please do not drink the water store in the water tank.
- This machine only used in indoor, when use, do not place near fire.
- If there is damage on power socket or wire, please contact the distributor or seller.
- Children are not allowed to use this machine, nor allow children to ride or play it.
- Do not place heavy object on the machine.
- Use this product under the supervision of a guardian. Avoid using this product unattended in the presence of children, animals or person with reduce mobility and must be supervised.
- Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- Regularly inspect power supply cables and plugs for wear or damage and check all connectors to ensure that they are secure.

## 2. DESCRIPTION OF EACH COMPONENTS



Note: Picture is for illustration purpose and might be different from actual product. Please refer to actual product.

## 3. MACHINE PLACEMENT REQUIREMENTS

- The machine need to be placed on flat and solid surface that can carry the weight of the machine at full water level.
- When using the dehumidifier, all doors and windows should be closed, as the outdoor humidity will increase the workload of the machine.
- Make sure there is at least 45cm of clearance from rear, and side inlet suction and space above for the machine top air outlet.
- Do not place the dehumidifier in the room with temperature lower than 5°C and not exceed 35°C. Otherwise the machine will not work.



## 4. CONTROL PANEL



- The control panel consists of 5 touch buttons, there are Power ON/OFF, TIMER setting, +/- to set Humidity or Timer level and MODE button. There will be a "Beep" sound every time the button is touched.



- Two-Digit number display as following functions:
  - When turn on the machine, it shows the humidity level.
  - When doing humidity level setting, it shows the value of target humidity level.
  - When doing ON/OFF Timer setting, it show the timer setting.

## 5. OPERATION MODE AND INSTRUCTIONS

- Before start the dehumidifier, make sure the water tank is empty and properly installed in the dehumidifier.
- Every time the dehumidifier power is OFF, interrupted or unplugged, once the power is restored, the controller will return to the original setting.

<b>I. ON/OFF</b>	ON/OFF, to power ON or OFF the machine. After turning on the power supply, press power ON. Two-Digit will be light up and shows humidity level, machine will run by default in AUTO mode
<b>II. OPERATION INDICATORS</b>	Press the MODE button in following sequence: Automatic, HUM SET and Dry cloth Mode. the machine will have "Beep" sound and the corresponding operation mode indicator will blink for 5 sec and light up once mode is confirmed.
<b>MODE</b>	
<b>CO MODE (DRY CLOTH)</b>	<ul style="list-style-type: none"><li>Suitable to dry cloth.</li><li>Default target humidity level is 55% and not adjustable, fan speed will always turn to high.</li><li>Compressor will stop when humidity level &lt;55% or temperature protection is triggered.</li></ul>
<b>HUM SET MODE</b>	<ul style="list-style-type: none"><li>Default target humidity level is 55% and can be adjustable (Please refer to +/- button setting).</li><li>If the target humidity is &gt;10% higher than room humidity level, the fan speed will turn to high.</li></ul>

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<b>AUTOMATIC MODE-A</b>	<ul style="list-style-type: none"><li>If the humidity level &lt;10% lower than room humidity level, fan speed will turn to low.</li><li>Compressor will stop working once reach the target humidity level.</li><li>Default target humidity level is 55% and not adjustable. Machine will adjust the fan speed automatically.</li><li>When environment humidity is &gt; 70%, the machine will turn fan to high speed.</li><li>When the environmental humidity is 55%-70%, the machine will turn fan to low speed.</li><li>When the environmental humidity is &lt; 55%, compressor stop working.</li></ul>
<b>TIMER</b>	Press TIMER key to set ON/OFF time as following: <ul style="list-style-type: none"><li>When machine is operating, press the TIMER can set the OFF timer, range 1-24 Hours. When setting the time, the Two-Digit display will show 0, press +/- to increase /decrease 1 to 24 Hours OFF timer.</li><li>When machine is standby mode (OFF), press the TIMER can set the ON timer, range 1-24 Hours. When setting the time, the Two-Digit display will show 0, press +/- to increase /decrease 1 to 24 Hours ON timer.</li></ul>
<b>NOTE:</b>	While setting the TIMER, the Two-Digit display will blink for 5 seconds. After 5 Seconds the Timer will be set and Two-Digit display will return back to show humidity level. Once the TIMER has been set, press the TIMER can check the remaining time shown on the Two-Digit display.
<b>NOTE:</b>	Target humidity level can only be set under NORMAL Mode <ul style="list-style-type: none"><li>To set the targeted Humidity level, press the + or - to set the humidity, and the setting cycle range is 20 %-95 % CO-20 % (5% step size) CO(forward operation). The above setting cycle is adjustable. When setting the humidity, the Two-Digit display will flash for 5 seconds. Targeted humidity level will be set and confirmed after 5 seconds.</li></ul>
<b>NOTE:</b>	CO: Machine's compressor will keep running regardless of the humidity level.

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<b>FULL TANK</b>	<b>FULL TANK indicator</b> <ul style="list-style-type: none"><li>When FULL Tank indicator is light up, please take out the tank and dispose the water inside the tank.</li><li>When machine is ON, FULL TANK indicator is light up, machine will not operate at the same time it will "beep" for 20 seconds. FULL TANK indicator will be turn off, when machine detect the water tank is not full yet.</li></ul>
<b>CHILD LOCK</b>	<b>CHILD LOCK</b> <ul style="list-style-type: none"><li>Long press the humidity setting minus button for 3 seconds to turn on the child lock function (after the child lock light is on, there is no response to operate any button). To release the child lock function, you need to long press the humidity time setting minus button for 3 seconds. After unlocking the child lock function, the light is off and you can operate other function keys.</li></ul>
<b>DEFROST</b>	<b>Defrost Explanation:</b> <ul style="list-style-type: none"><li>When Room temperature is &gt;20°C, machine continue run, defrost will not be activated.</li><li>When Room temperature is 12°C-20°C, machine compressor will run for 35 mins, stop 8 minutes to defrost and compressor will work again, continue in this cycle.</li><li>When Room temperature is 5°C-12°C, machine compressor will run for 25 mins, stop 12 minutes to defrost and compressor will work again, continue in this cycle.</li><li>When machine enter defrost mode, 2 Digit number will show E4.</li></ul>

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<b>IV. DISPOSE WATER IN WATER TANK</b>	<ol style="list-style-type: none"><li>Gently use 2 hands to hold both side of the water tank as shown in (PIC 1)</li><li>Dispose the water in the water tank (PIC 2). DO NOT DRINK THE WATER</li><li>Do not remove the float in the water tank (PIC 3). If the float is removed, the machine can no longer detect FULL WATER</li><li>If the water tank is dirty, please use cold or warm water ONLY to clean it.</li><li>Use 2 hands to insert the water tank back to the machine. Ensure the water tank is properly place (PIC 4). If it is not properly place, the FULL TANK indicator might be activated and machine will stop running.</li></ol>
<b>V. DISPOSE WATER USING TUBE</b>	<ol style="list-style-type: none"><li>If you do not wish to always need to dispose water in the water tank, you can install the tube (diameter 10mm) directly onto the machine water outlet as depicted in (PIC 6).</li><li>Firstly, gently use 2 hands to take out the water tank from the machine (PIC 5). And find out the water outlet, which is located on top of the water tank slot (refer to PIC 6).</li><li>Find a suitable length tube and insert on the water outlet, and ensure there will be no leaking in the connection to avoid water leaking.</li></ol>

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<b>VI. FILTER INSTALLATION AND CLEANING</b>	<ol style="list-style-type: none"><li>Remove the filter case from the machine (PIC 7).</li><li>Take out the filter from the filter case (PIC 8).</li><li>The filter is washable and can use clean water to clean it (PIC 9).</li><li>Once the filter is dried, put it back to filter case and install the case with filter back to machine.</li></ol> <p>NOTE: To improve the dehumidification efficiency, suggest to clean the filter once a week.</p>
<b>VII. PRECAUTIONS FOR USE</b>	<ul style="list-style-type: none"><li>The machine operational temperature 5°C-35°C.</li><li>While the machine running, the compressor will generate heat, it might cause the room temperature go up, which is normal.</li><li>Please do not put any part or object into the water tank.</li><li>When switching the MODE, the compressor will enter 3 minutes safety protection mode.</li></ul>

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<b>7. PRODUCT SPECIFICATIONS</b>	
PLU No.	150536
Dehumidification Capacity	10L/day (30°C 80%)
Rated Voltage	220-240V
Rated Frequency	50-60Hz
Rated Input Power	210W (27°C 60%)
Max Input Power	270W (35°C 90%)
Rated Input Current	0.91A (27°C 60%)
Max Input Current	1.17A (35°C 80%)
Airflow Volume	170m³/h
Refrigerant Charge	R290/95g
Suction Side Pressure	0.6MPa
Discharge Side Pressure	1.6MPa

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- Above parameters might have ±5% accuracy error compare to test lab environment and setup.
- Any changes in the parameters, please refer to the product rating label as reference.

## 8. MAINTENANCE

- Use a wet cloth to clean the outside DO NOT splash water onto the dehumidifier.
- Clean the inside of the water tank with an antibacterial cleaner every few weeks to avoid the build up of bacteria. The tank has a float water level for FULL TANK indication and must be placed in the right position.

## 9. TROUBLESHOOTING

FAULTY CONDITION	CHECK LIST
<b>I. Power On and dehumidifier does not work/function</b>	<ul style="list-style-type: none"><li>If the dehumidifier's power plug insert properly into power socket?</li><li>If the water tank place properly into the machine and in the correct position?</li><li>If water tank is not full (empty) and that float is in correct position?</li></ul>
<b>II. Dehumidification capacity is weak</b>	<ul style="list-style-type: none"><li>If the filter is too dirty and blocking the air?</li><li>If the temperature and humidity are low?</li><li>If air inlet behind the machine is blocked?</li></ul>
<b>III. Expected humidity takes long time to be reached</b>	<ul style="list-style-type: none"><li>If doors and windows are open?</li><li>If anything is producing vapor that increase the humidity?</li><li>If the room size area/volume is too big?</li></ul>
<b>IV. Dehumidifier is running but not collecting water</b>	<ul style="list-style-type: none"><li>If the room humidity level lower than default target 55% level or target level?</li><li>If the target humidity is too close to room humidity level?</li><li>If the filter is too dirty or blocked?</li></ul>
<b>V. When machine is running, the air outlet is warm/hot</b>	<ul style="list-style-type: none"><li>It is normal there is warm air blow out from the air outlet when dehumidifier is running.</li></ul>
<b>VI. Dehumidifier is noisy and has abnormal sound</b>	<ul style="list-style-type: none"><li>If surface is not flat and solid?</li><li>If the dehumidifier does not place properly?</li></ul>
<b>VII. Error Code appears</b>	<ul style="list-style-type: none"><li>E1: Humidity control issue</li><li>E2: temperature control issue</li><li>E3: temperature &lt;5°C or &gt;40°C.</li><li>E4: DEFROST mode</li><li>E5: Machine run more than 8hours, will stop for 10minutes</li></ul>

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