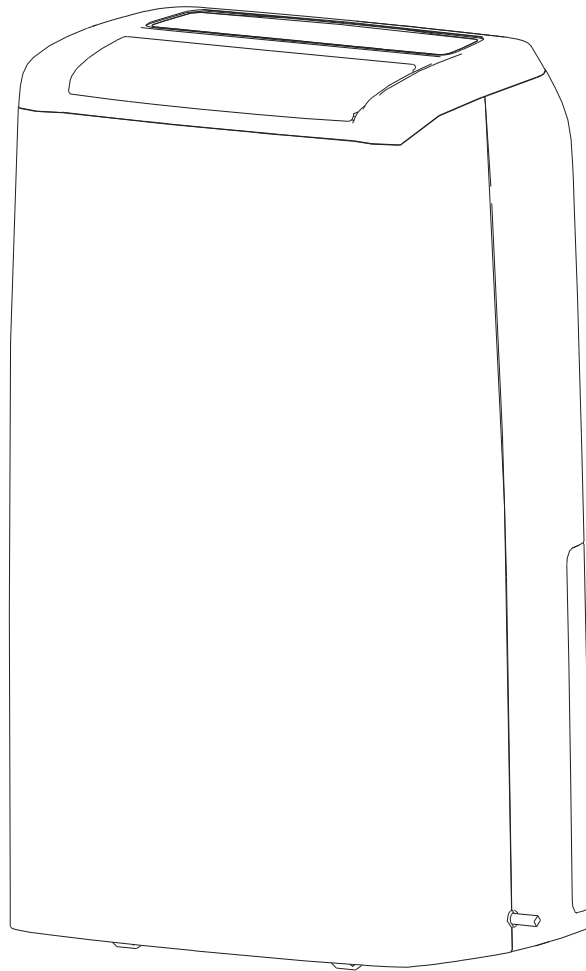


PHILCO® 

PDL25 抽濕機

使用說明書



目錄

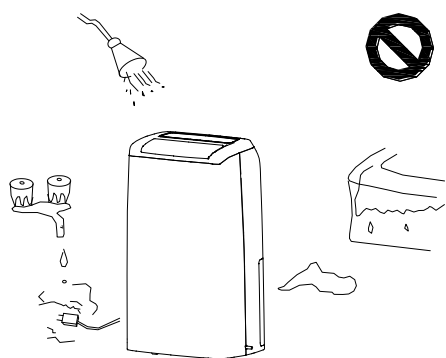
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一 安全注意事項

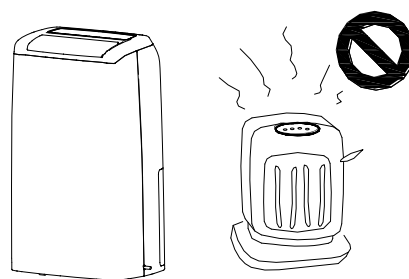
△ 在使用本機之前，請務必詳細閱讀此說明書，並妥善保管，以便日後參考使用！

1) 使用本機前，請先核對供電電壓 確認相符後方可使用。

2) 不要在浴室使用，可能導致觸電。



3) 不要將機器放置在能產生高溫家電附近，因為高溫可能損壞塑膠，及引起火災；也不要再陽光下暴曬，以免外殼脫色，變色。

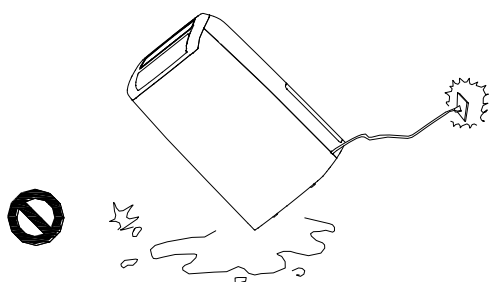


4) 不要在塵埃較大或有腐蝕性氣體，易燃易爆氣體的場所使用，以免發生危險。

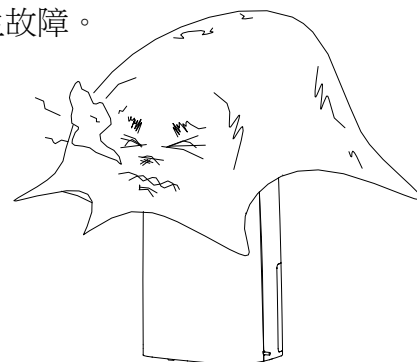
5) 如與兒童一起使用，請給予適當的指導。請不要試圖拆卸，修改本機的配件。如有損壞，請由有資質的專業維修人員修理。

6) 把機器放在一個穩固，平坦的地面上使用，以防止產生振動和噪音。

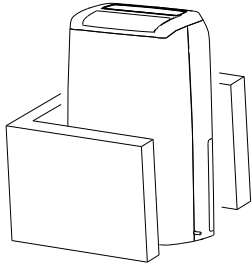
7) 一旦機器傾倒，請立即拔掉電源插頭。



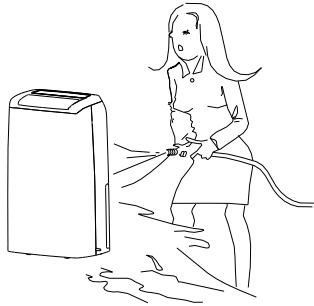
8) 機器運行時，不可覆蓋機體，以免機器發生故障。



9) 不要阻擋進風口或出風口的空氣流動，以防止影響抽濕機性能或產生故障。



10) 不要直接噴水到機體上清洗，以免引起機器故障和觸電。



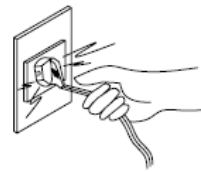
11) 濕手不要拔電源，否則可能引起觸電。



12) 拔電源線插頭前要先關機，以免出現觸電或其他危險。

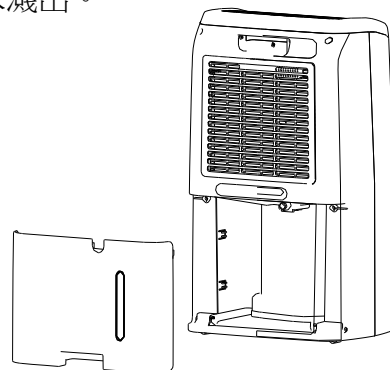
13) 若長時間不使用，請關機拔掉電源線插頭，然後倒掉水箱裡的水並擦拭乾淨。

14) 不要拉線拔插頭，以免損壞電源線及造成事故。



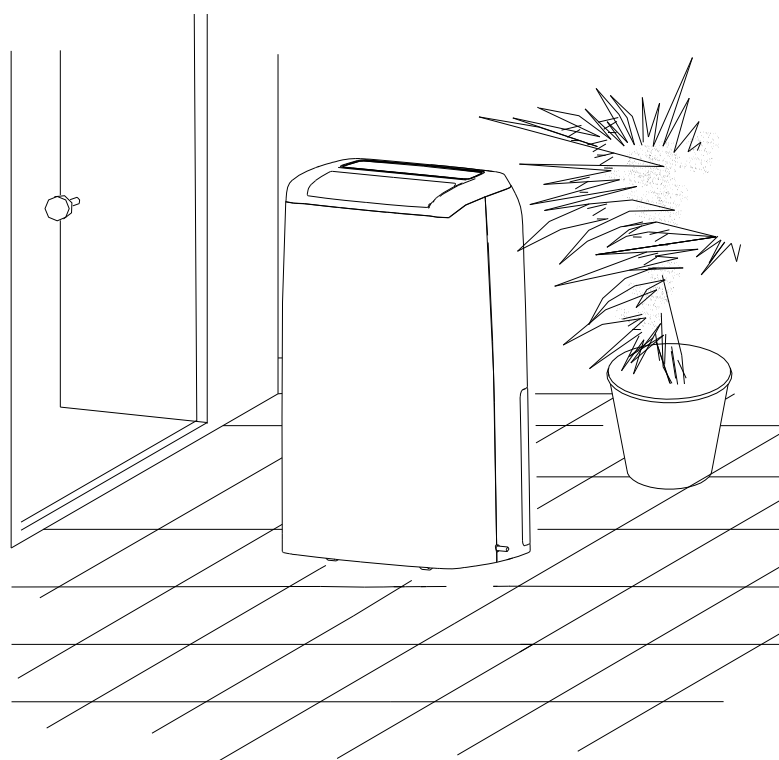
15) 機器運行時，禁止用手及細小杆狀物體插入進風口或出風口內，以防止碰到裡面帶電部件和轉動的輪葉，損壞機器造成事故。

16) 移動機器時，先將水箱中的水倒掉，以免水濺出。

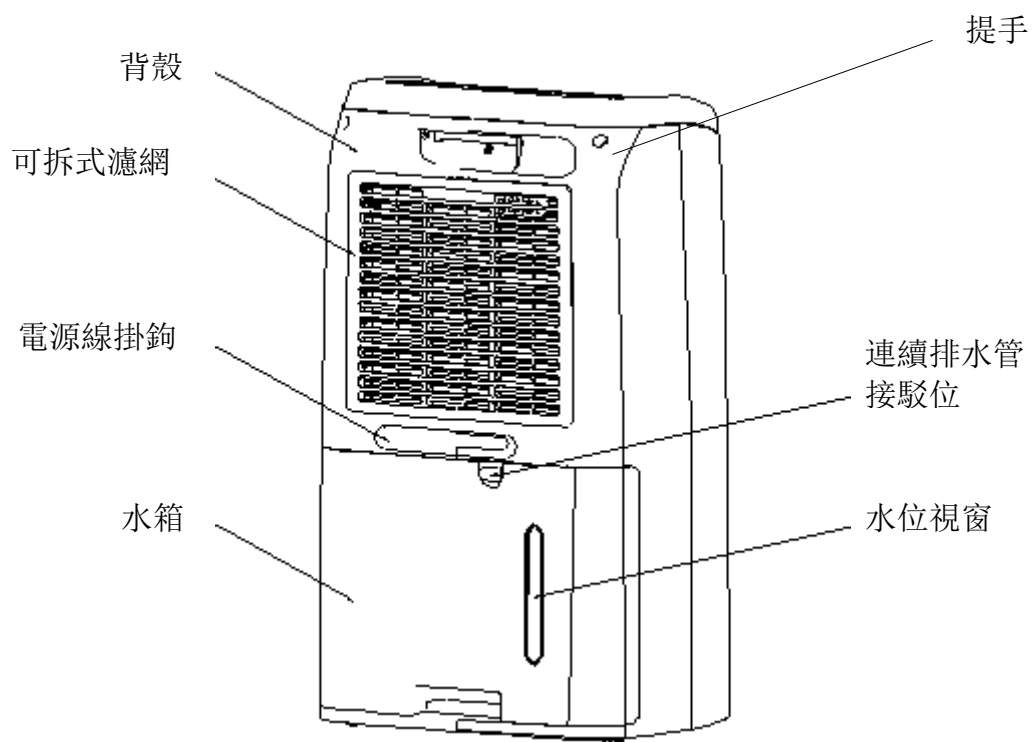
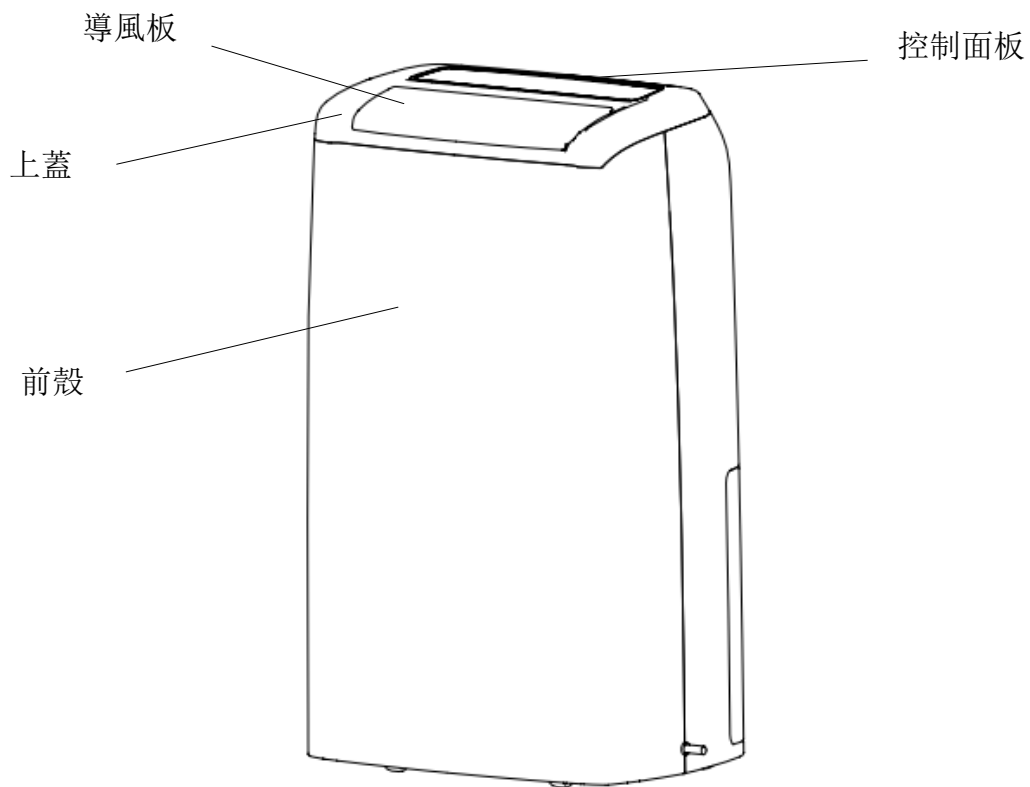


二 使用環境

1. 抽濕工作環境：溫度 5°C-35°C。
2. 本機最適合客廳，臥室，書房及辦公室等室內環境使用。
3. 使用本機時，請確保所有門窗都已關閉，以達到最高效率。
4. 將機器放置在穩固平坦的地面上使用，以免導致過大的震動而產生噪音。機體不可傾斜放置，以免抽濕水溢出或機器傾倒。

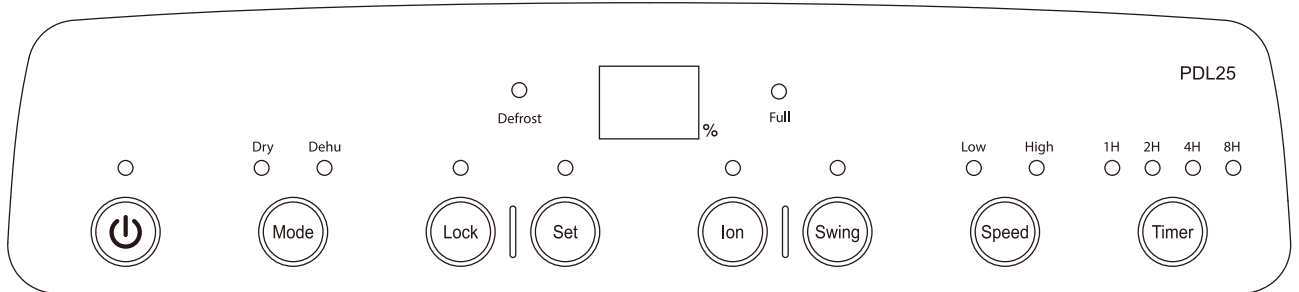


三 機器部件名稱



四 使用方法和控制功能

(1) 控制面板



(2) 輕觸鍵名稱及功能說明

- 1、**⏻** (開關鍵)：此鍵可開、關機器。
- 2、**Mode** (功能模式)：此鍵可設置乾衣、抽濕。
- 3、**Set** (濕度設定鍵)：此鍵可設置機器運行的濕度設定。
- 4、**Timer** (定時鍵)：此鍵可設置機器定時開關機時間。
- 5、**Speed** (風速鍵)：此鍵可調節風機的轉速。
- 6、**Swing** (搖擺送風鍵)：此鍵可開、關自動擺風運行。
- 7、**Ion** (負離子)：此鍵可開、關負離子。
- 8、**Lock** (童鎖鍵)：長時間按此鍵 (3 秒)，可啟動、取消所有控制鍵的鎖控功能 (童鎖)。

(3) 控制功能說明

- 1、機器接通電源，機器處於待機狀態。通電蜂鳴器警示三聲，每按一次按鍵蜂鳴器警示一聲，按開/關鍵關機時長鳴一聲。

開機：按 **⏻** (開 /關機) 鍵，機器啟動運行，導風片自動打開。

接通電源後的初次開機，機器在抽濕-CO 模式工作，壓縮機工作和風扇在高擋運轉，等離子在工作。

關機：機器在運行過程中，按 **⏻** (開/關機) 鍵，機器停止工作。

- 2、**模式鍵**：可設置機器在抽濕模式和乾衣模式工作

(1)、按一次模式鍵，機器從抽濕模式轉乾衣模式工作，同時抽濕模式指示燈熄滅轉乾衣模式指示燈點亮，風扇高擋指示燈點亮；機器處於連續抽濕 CO 功能工作，並且風扇在最高擋運轉和壓縮機工作 (注：在乾衣模式，按濕度鍵和風速鍵不

起作用，也無蜂鳴聲）

（2）、按二次模式鍵，機器從乾衣模式轉抽濕模式工作，同時乾衣模式指示燈熄滅轉抽濕模式指示燈點亮，機器會按當前設置的濕度狀況進行工作，並且風扇在高擋或低擋運轉和壓縮機工作。

3、童鎖鍵

機器在工作狀態時，按住童鎖鍵 3 秒鐘，童鎖功能起作用，同時童鎖指示燈點亮，此時除童鎖鍵外按任何按鍵無效，也無蜂鳴器警示聲。若要解鎖按住童鎖鍵 3 秒鐘會自動解除，同時童鎖指示燈熄滅

4、濕度設定：

在抽濕功能時，按濕度(set)鍵可設置：按第一次為 40%RH；第二次為 50%RH；第三次為 60%RH；第四次為 70%RH;第五次為 CO；第六次 40%RH。

在抽濕功能時,當設置濕度值為 40%RH,數碼管上的設置濕度值會按當前設置濕度值不變，只顯示環境濕度值，若溫濕度感測器感應到環境濕度 $\leq 39\%RH$ 時，壓縮機不工作，風扇馬達會在低擋運轉，電源指示燈恒亮，當溫濕度感測器感應到環境濕度 $\geq 45\%RH$ 時，壓縮機啟動工作，風扇馬達在設置擋位運轉，若分別設置濕度值為 50%RH、60%RH、70%RH，控制工作狀態類同以上 40%RH 時一樣。

5、負離子鍵：

機器工作過程中，反復按此鍵可設定負離子功能“開啟”或“關閉”，同時相對應的 LED 燈“點亮”或“熄滅”

6、搖擺送風鍵：

（1）、機器在工作時，按搖擺送風鍵使相對應步進機器的開啟或關閉，並對應的指示燈在點亮或熄滅。首先步進機器往下（反時針）自動使導風片轉動，再往上（順時針）自動使導風片轉動，然後又往下（反時針）自動使導風片轉動，如此循環。

（2）、若當步進機器在工作後按搖擺送風鍵停止，再按搖擺送風鍵必須使步進機器往上（順時針）自動使導風片轉動，然後又往下（反時針）自動使導風片轉動，再往上（順時針）自動使導風片轉動如此按轉動循環。

7、風速鍵：

在抽濕模式工作時，按此鍵可設置風扇在高擋或低擋運轉，並且高擋或低擋指示燈點亮

8、定時鍵：

(1)、定時自動關機情況：

可使機器從長期運行轉為定時設置運行，按定時鍵使從“定時~1H~2H~4H~8H”如此循環選擇，同時對應指示燈點亮。

(2)、定時自動開機情況：

可使機器從定時設置時間到會自動開機運行，按定時鍵使從“定時~1H~2H~4H~8H”如此循環選擇，同時對應指示燈點亮。

(4) 機器工作時水箱水滿情況

機器在工作時，若水箱水滿，壓縮機、風扇不會工作（停機），同時蜂鳴器警示十聲停止，只有滿水指示燈和電源燈一直在亮著。

(5) 記憶功能

(1)、按開/關機鍵處於關機後（不拔掉機器電源插頭），再重新按開/關機鍵開機，會記憶關機前工作模式運行，定時無記憶。

(2)、機器在工作時斷電（即拔掉機器電源插頭），機器重新上電後不會自動工作，按開關鍵開機後機器按初始模式自動工作。

(3)、定時時間到，若有設定童鎖功能，定時時間到關機後，童鎖無記憶。

(6) 自動除霜功能

若溫度感測器（NTC）感應到蒸發器的銅管溫度值 $\leq -1^{\circ}\text{C}$ 時，壓縮機停止（機器進行除霜），此時除霜指示燈在點亮，其它顯示維持原狀態，待溫度感測器感應到蒸發器的銅管溫度值 $\geq 2^{\circ}\text{C}$ 和機器除霜時間必須 ≥ 10 分鐘，滿足此條件後壓縮機才能啟動工作，然後顯示還原除霜前的狀態，並且除霜指示燈熄滅。

(注：①、機器在抽濕功能時，機器進行除霜，風扇一直在高擋運轉；②、機器在乾衣功能時，機器進行除霜，風扇一直在最高擋運轉；③、機器在除霜時，當滿水開關斷開後再閉合其壓縮機連續工作 30 分鐘重新計時開始；④、壓縮機在連續工作 30 分鐘的過程中，當溫度感測器 (NTC) 感應到蒸發器的銅管溫度值 $\geq 0^{\circ}\text{C}$ 並持續 2 分鐘後，此次除霜功能取消；如果在溫度感測器 (NTC) 感應到蒸發器的銅管溫度值 $\geq 0^{\circ}\text{C}$ 並持續 2 分鐘內，溫度感測器 (NTC) 再次感應到蒸發器的銅管溫度值 $\leq -1^{\circ}\text{C}$ 時，壓縮機連續工作 30 分鐘後，機器會自動進行除霜(壓縮機停止工作)。

(7) 壓縮機延時啟動功能

機器設置在抽濕運行時，當壓縮機停止工作後，如果立即再啟動，機器設有壓縮機延時 3 分鐘啟動功能。在此 3 分鐘內，機器停止抽濕。

(8) 冷媒洩漏檢測

壓縮機工作時每 8 分鐘檢測一次溫濕度感測器的溫度和溫度感測器(銅頭 NTC) 的溫度，若連續五次檢測到環境溫濕度感測器的溫度值與蒸發器上溫度感測器(銅頭 NTC) 溫度值的差 $\leq 3^{\circ}\text{C}$ 時，只有數碼管上 C8 在閃爍，機器上壓縮機和風扇馬達無輸出(即停機)，此時所有按鍵無作用，蜂鳴器無警示聲，須重新上電才有效。(注：壓縮機不工作時不作檢測)

(9) 連續排水功能

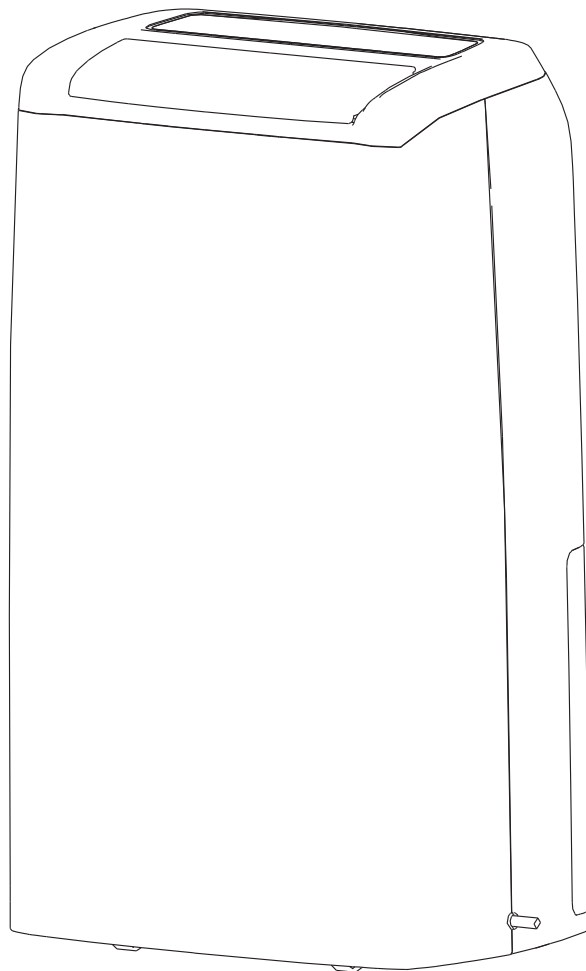
當機器需連續排水時，用一根適合長度內徑 15mm 軟膠管通過後殼排水孔連接到排水嘴上，機器連續運行，下水箱不會盛水。此時機器可連續運行而不會因下水箱水滿而導致停機保護。

連續排水時，排水管需平放於地面。排水管的任何部位不可有折疊和上翹現象存在，否則可能會產生排水不順，甚至不排水的情形。

(10) 規格表

型號	PDL25
額定電壓	220-240V/50HZ
抽濕量	25L/D ((30°C 80%RH)) 14.5L/D ((26.7°C 60%RH))
消耗功率	290W ((26.7°C 60%RH))
抽濕風量	高檔：185m ³ /h 低檔：155m ³ /h 乾衣檔：200m ³ /h
能效等級	一級能效
冷媒	R134a 185 g
水箱容量	4 升
尺寸規格 (毫米)	242 (深) x 346(闊) x 590(高)


PHILCO® 
PDL25 Dehumidifier
User manual



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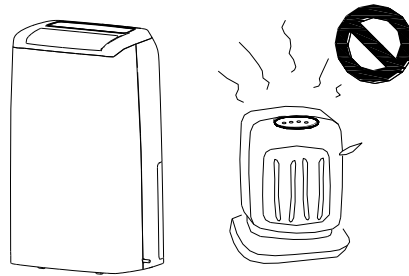
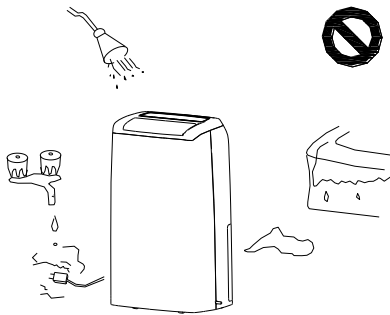
I. Important Safe Guard

 Do not operate the unit before carefully reading this instruction guide. Please keep this manual for product warranty and future reference.

1) Please be sure your electricity is correct.

2) Please do not place the device near window or in bathroom prevent of electrical shock.

3) Please ensure the unit is not placed closely to the high temperature appliance in prevent of plastic destroying and fire.



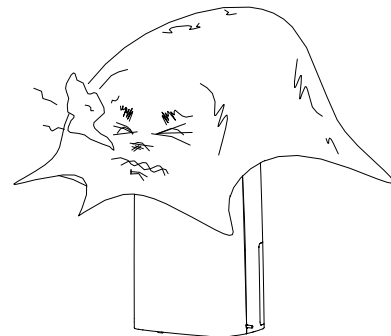
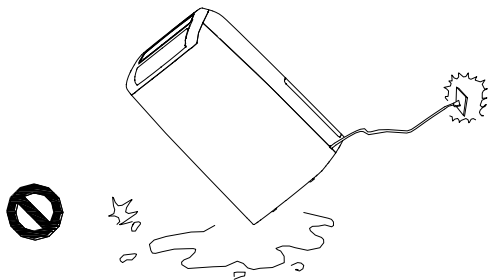
4) Never operate this unit in an explosive or corrosive atmosphere.

5) Always guide if children operate. Never disassemble the unit, and never try to carry out repairs or adjust the unit yourself.

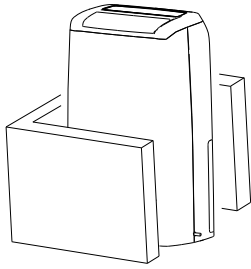
6) Operate this unit on a stable surface to avoid vibration and noise.

7) If toppled over, please pull out the plug at once.

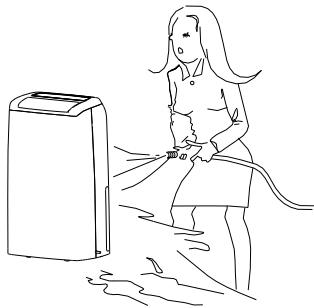
8) Make sure outlet ventilation is not blocked at all times.



9) Ensure air intake and air outlet ventilation is not blocked at all times.



10) Do not spray water on the unit, spraying water may cause malfunctioning and electric shock.



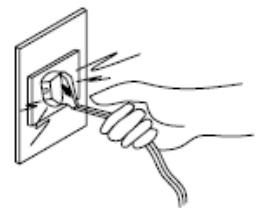
11) Never pull the socket by using damp hands.



12) Always switch off at the socket before unplugging to avoid electric shock or arcing.

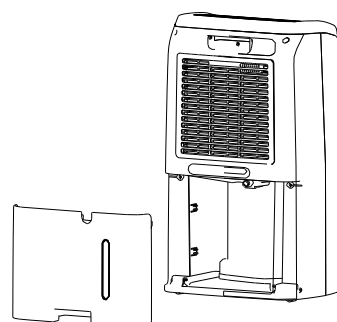
13) Switch off and unplug the unit, empty and clean the water reservoir when not using the unit for a long time.

14) Do not pull power wire by force because it will cause damage to power wire.



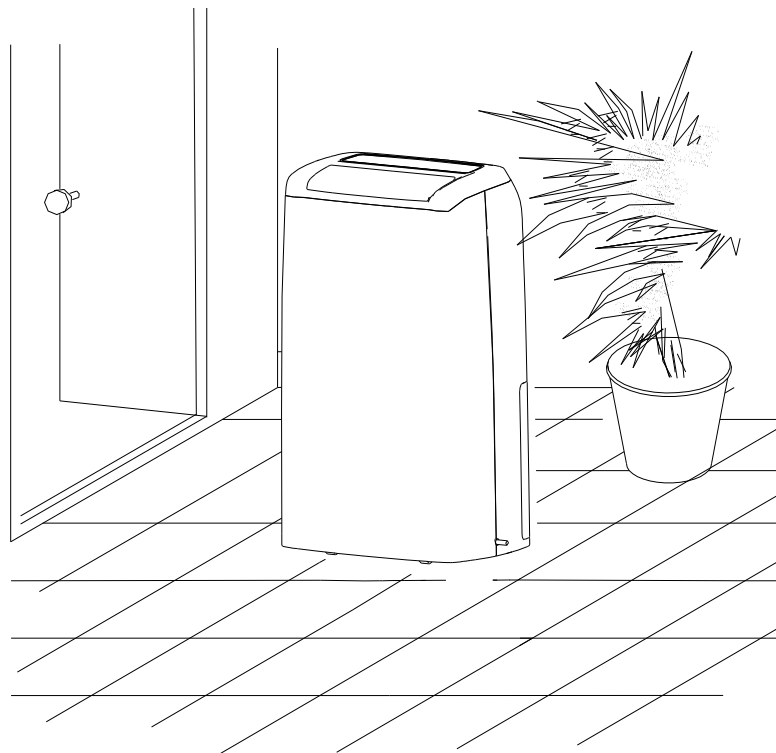
15) Never put fingers or other objects in any openings of the unit.

16) You must pay attention when using the unit, unplug the appliance during cleaning.

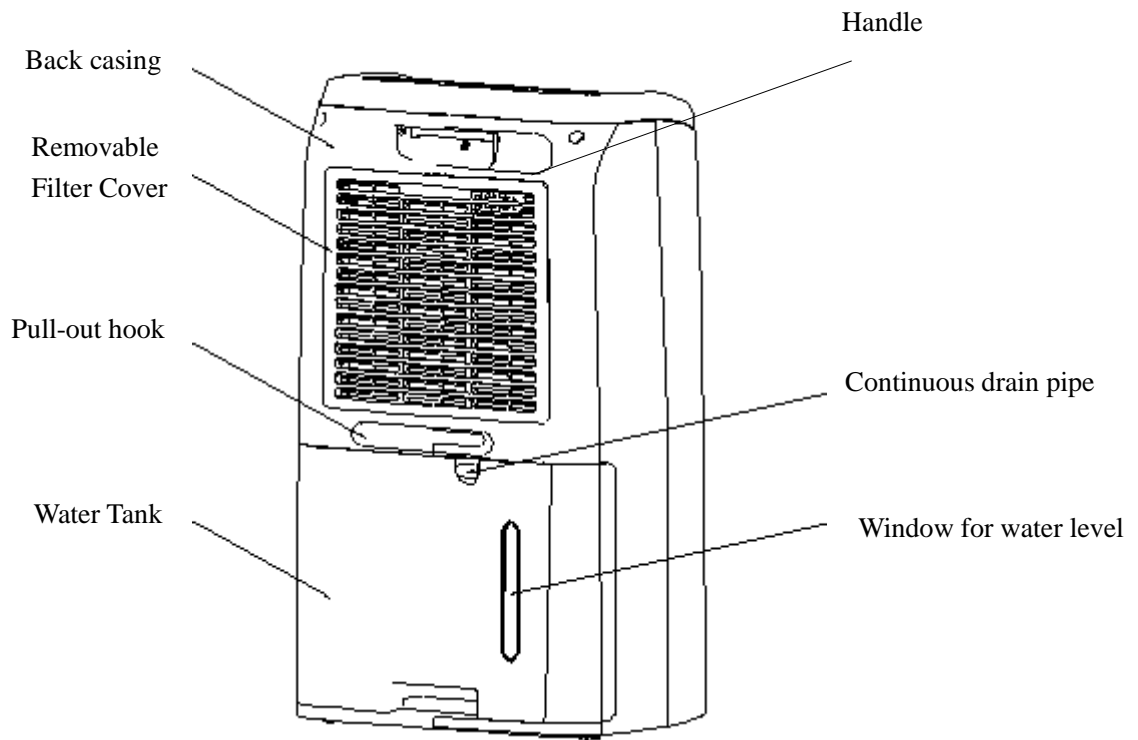
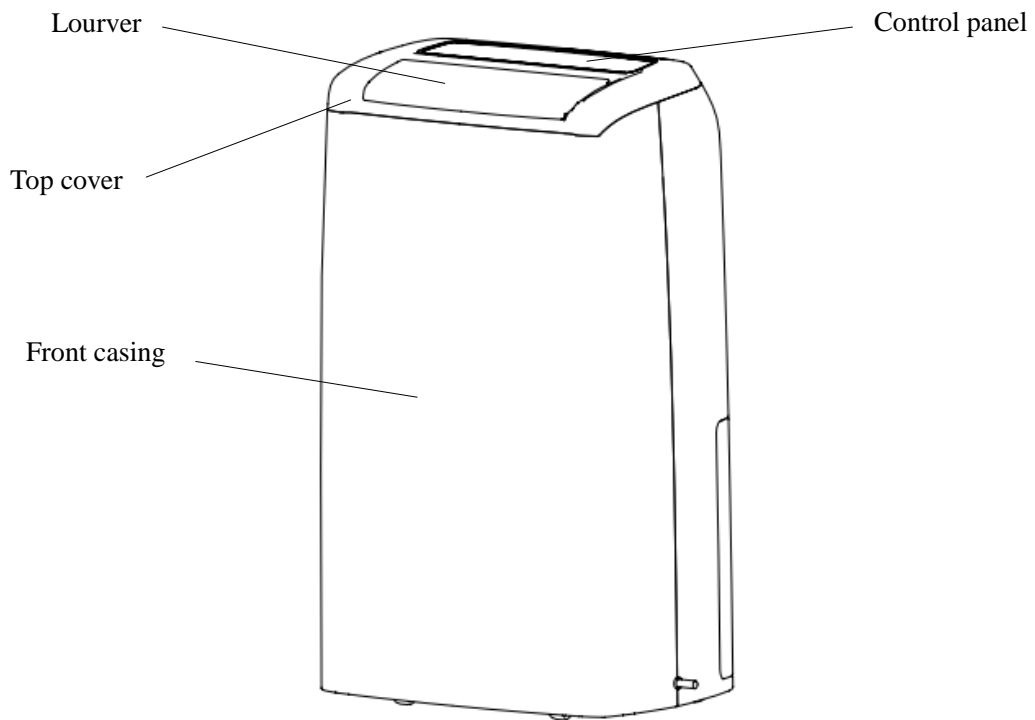


II. Room Environment For Operating

1. Working condition: Ambient temperature: 5°C-35°C.
2. This device is only for indoor use e.g.: living room, bedroom, etc. Never use it in wet environment or outdoors.
3. For the best efficiency and energy saving, make sure the door and window are closed before turning on the unit.
4. Ensure that the unit is placed on a stable and flat floor surface. If the floor surface is not stable there is a risk that the unit may be unstable and toppled to cause excessive vibration and noise.

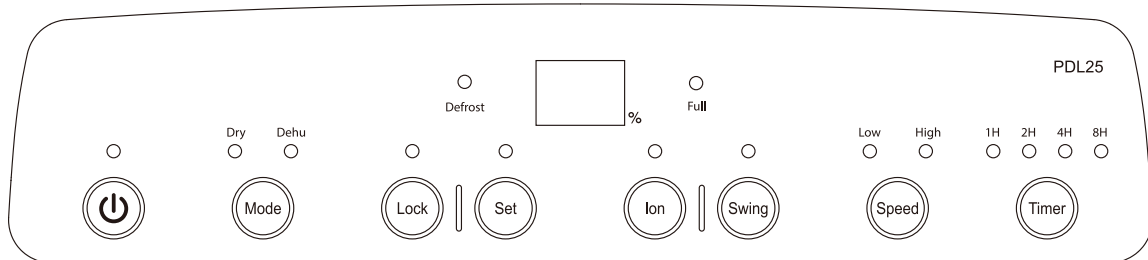


III. Components Diagrams



IV. Operating Introduction

(1) Control Panel



(2) Functions & Name of Key Pads

- 1、 (On/Off) : Switch on/off the power
- 2、Mode: Press the button to set automatic drying or dehumidification.
- 3、Set: Press the button to set up humidity ranges of performance.
- 4、Timer: Timer On/Off time settings.
- 5、Speed: Press the button to set up the air speeds.
- 6、Swing: Press the button to switch on/off swing performance.
- 7、Ion: Press the button to turn on/off the ionizer function.
- 8、Lock: Press the button for 3 seconds continuously to switch on/off all the lock function of the key pads.

(3) Operation of Key Pads

1. When user plugs the device into power socket, 3 beep signals can be heard.

ON/OFF: Press “ON/OFF” button to turn on the unit and the machine work at default mode ---constant dehumidifying and high speed running. And press the “ON/OFF” again to turn off the unit

2. Press “ Mode” to set dehumidifying or drying.

(1)When user press the button of “Mode”, the device will enter into “Dry” mode.-----
the device works continue regardless of indoor humidity and the indicator light of “Dry ” and “High speed fan” will illuminate . (Note: In the model of “Dry”, there is no

response when user presses the button of humidity and fan speed unless the user switch model into “Dehu”).

(2)When user press “Mode” again, the device will switch into “Dehu” mode-----device works under setting humidity (40%→50%→60%→70%→CO) and setting fan speed(High and Low) the indicator light will illuminate, and the light of high speed fan will illuminate.

3. Child Lock

Press the button of “Lock” for 3 seconds to activate lock function,-----there is no response to press any other buttons unless deactivating lock function by pressing “Lock” again by 3 seconds.

4. Press the “Set” to set desired humidity 40%→50%→60%→70%→CO.

Set the 40%--- expectations of environmental humidity value is 40%, when the appliance detects that the current environment humidity is higher than or equal to 45%RH, the appliance start and fan runs at high speed; when the appliance detects that the current environment humidity is less than or equal to 39%RH, machine will stop dehumidification and fan runs at low speed, the power indicator light will illuminate. It is similar to another humidity for 50%/60%/70%.

5. Ion

Press the button to switch on/off ionizer function. Meanwhile, the dehumidification start and the indicator light illuminate.

6.Swing: Press the button to switch on/off swing performance.

Press “Swing” to oscillate flapping air guide automatically. Press again to fix a stationary angle. When the swing function is activated, the corresponding indicator light illuminates.

7. Speed

Press “Speed” to select the fan working at “High speed” level or “Low speed” level. Meanwhile, the high or low speed indicator light is illuminating.

8. Timer

(1)Timer Off:

When appliance is powered on, presses Timer 1H/2H/4H/8H for the reservation of operating, timer symbol displayed on LED screen.

(2)Time On:

When appliance is powered off, press Timer 1H/2H/4H/8H for power off, timer symbol displayed on LED screen.

(4) Water Full

When tank is full, device will automatically shut off and buzzer will alarm 10 times. At the meantime, the LED light of power and “full” illuminate.

(5) Memory function

(1) If user turn off unit and device is in stand-by , the device will memory the last setting if user turn on again.

(2) If power failure , the machine can not restart automatically and there is no memory function.

(3) If user set “child lock” and “timer”, device will shut off when time is up , but no memory on child lock when turn on unit again.

(6) Automatic Defrosting:

If the temperature sensor(NTC) detects that the temperature on the copper tube of evaporator is $\leq -1^{\circ}\text{C}$, the compressor will stop and the dehumidifier starts to defrost. The light of Defrost is illuminated. The compressor will only start working again after 10 minutes' defrosting and the temperature on the copper tube is $\geq 2^{\circ}\text{C}$, the dehumidifier will work as the same status as before, the light of Defrost is off.

(Note: ①, when the dehumidifier is defrosting under “Dehu” mode then the fan motor

will work in the High speed; ②, when the it is defrosting under “Dry” mode then the fan motor will work in the Turbo speed. ③, when the water tank full alarm is on during defrosting, then the compressor will start to work for 30 minutes; ④, during such 30 minutes, if NTC detects that the tube’s temperature is $\geq 0^{\circ}\text{C}$ and last for 2 minutes, then the defrost is cancelled; if the tube’s temperature is $\leq -1^{\circ}\text{C}$ during this 2 minutes, then the defrost will be started again after the 30 minutes’ working of compressor.).

(7) Compressor protection function

This device is equipped with compressor protection function—once the dehumidifier is off, the compressor will delay 3 minutes to start when being turned on immediately.

(8) Refrigerant leakage detection function

The compressor will detect the temperature of the sensor and the temperature on the tube every 8 minutes; once the detected result being that the difference between these two temperature rates is up to 3°C in the latest 5 times, then it means refrigerant leakage.

The compressor and fan motor will stop working, and the LED display will show “C8”. No reaction or sound when you touch any button at this situation. User has to unplug the dehumidifier and then plug it on again. (Note: the compressor will not detect when it is not working.)

(9) Continuous Drainage

When continuous drainage is need, please connect the included 15mm diameter tube to the continuous drainage hole. The dehumidifier will keep working and water will go out directly via the pipe. Then it won’t stop by the water full situation.

Please put the tube evenly on the ground when continuous drainage. Any folded or uneven situation will be possible to stop the drainage.

(10) Specification Table

Model	PDL25
Voltage	220-240V/50HZ
Dehumidification	25L/D (30°C 80%RH) 14.5L/D (26.7°C 60%RH)
Power consumption	290W (26.7°C 60%RH)
Air circulation	High: 185m ³ /h / Low: 155m ³ /h / Drying: 200m ³ /h
Energy Efficiency Grading	EEL Grade 1
Refrigerant	R134a 185 g
Water tank capability	4L
Dimension (mm)	242 (D)*346 (W)*590 (H)

