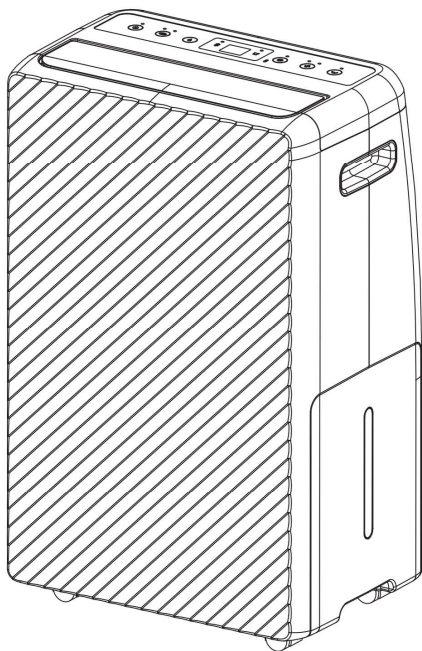


全新 抽濕機

TGC[®]

TDF130

使用說明書



使用前，請詳細閱讀本說明書

以防止損壞並使您的保修失效。請在操作前將設備放置在正確的位置至少兩小時。

感謝您選用TGC產品

目錄

1 安全注意事項	3-5
2 使用環境	6
3 部件名稱	7
4 使用方法	
(一) 按鍵和顯示面板	7
(二) 按鍵的名稱和控制功能	8
(三) 按鍵操作/控制功能說明	8-10
(四) 記憶功能	10
(五) 水滿自動停機功能	11
(六) 自動除霜功能	11
(七) 壓縮機延時啟動功能	11
(八) 過熱安全保護功能	12
(九) 低濕度安全保護功能	12
(十) 故障代碼顯示並停機保護功能	12
(十一) 連續排水功能	13
(十二) 高溫下強制風機轉速轉換功能	13
5 維護與保養	14
6 主要性能參數	15

1. 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,請先核對供電電壓和銘牌確認相符後方可使用!

2) 不要將抽濕機放置在能產生強大熱力的電器附近,因為強大熱力可能損壞塑膠,及引起火災;也不要陽光下曝曬,以免損壞外殼。

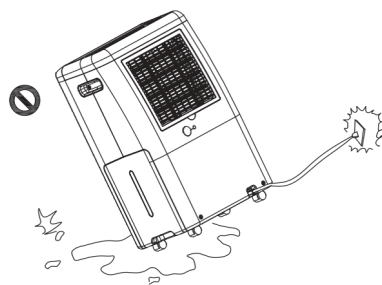


3) 不要在塵埃較大或有腐蝕性氣體,易燃易爆氣體的場所使用,以免發生危險。

4) 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,請由合資格的專業維修人員修理。

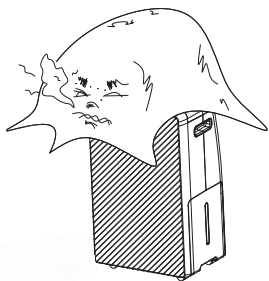
5) 把抽濕機放在一個穩固,平坦的地面上使用,以防止產生震動和噪音。

6) 一旦抽濕機傾倒,請立即拔掉電源插頭。



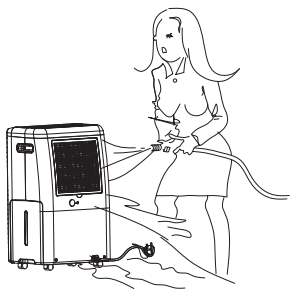
1. 安全注意事項

- 7) 抽濕機運行時, 不可覆蓋機體, 以免抽濕機發生故障。



- 8) 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。

- 9) 不要直接噴水到機體上清洗, 以免引起抽濕機故障和觸電。



- 10) 只可以在乾爽情況下, 才可以插拔電源, 否則可能引起觸電。

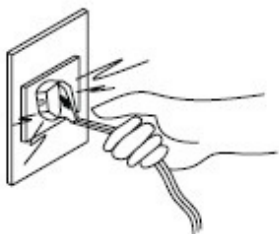


- 11) 拔電源線插頭前要先關機, 以免出現觸電或其他危險。

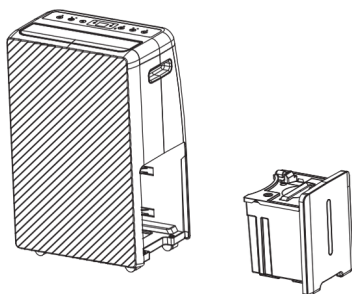
- 12) 若長時間不使用, 請關機及拔掉電源線插頭, 然後倒掉水箱裡的水並擦拭乾淨。

1. 安全注意事項

- 13) 不要拉扯電線拔出插頭, 以免損壞電源線及造成事故。



- 15) 移動抽濕機時, 先將水箱中的水倒掉, 以免濺出。



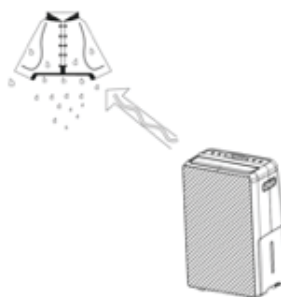
- 17) 除非有安全人員的指導或者協助, 並確保使用者的安全, 否則此電器不可由8歲以下兒童, 或者非健全人士使用;

切勿讓兒童在沒有安全人員的監督下操作, 清潔及維護此電器; 如果此電器的電源線損壞, 必須由製造商, 或授權的維修中心, 或合資格的人士進行更換; 請遵循當地機構的電器法規進行安裝工作。

- 14) 抽濕機運行時, 禁止用手及細小桿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, 損壞抽濕機造成事故。

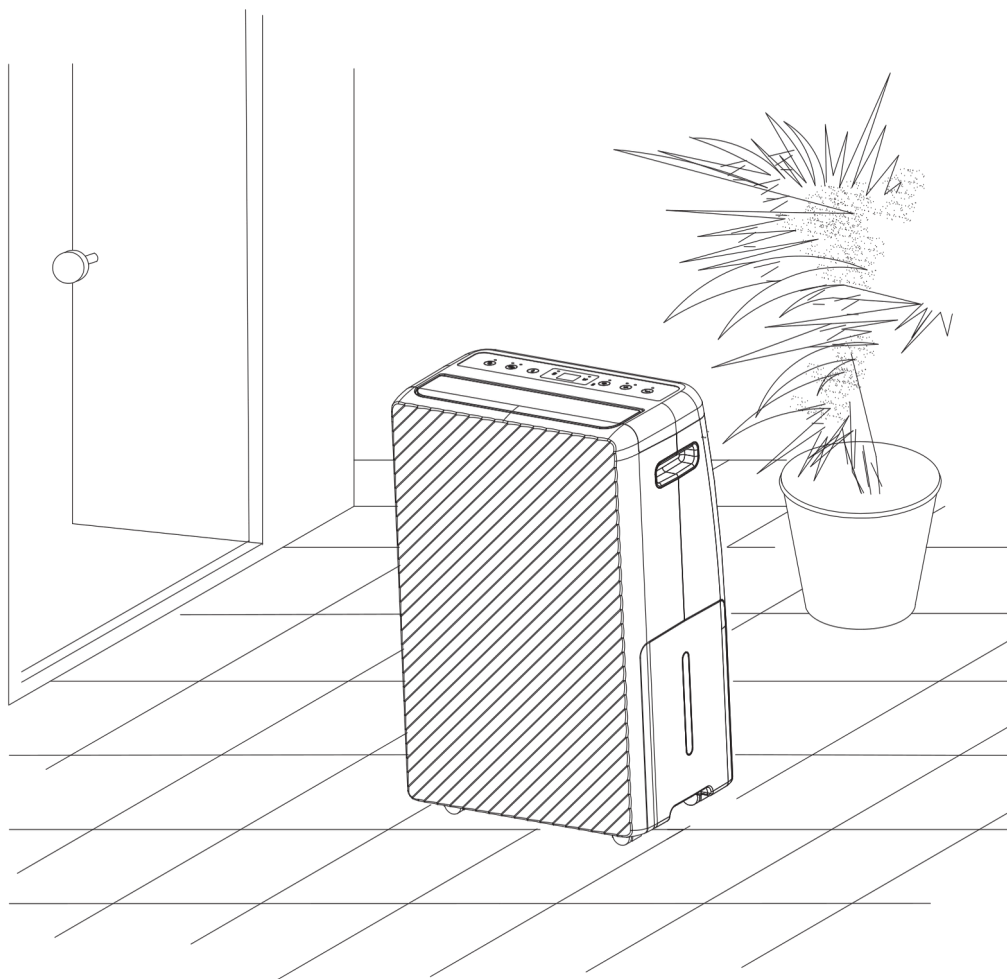
- 16) 在低溫高濕的冬季, 將抽濕機運行模式設定為衣服乾燥模式, 衣服乾燥模式不受相對濕度控制, 可連續運行)

注: 在乾燥衣物的時候請不要將衣物懸掛於出風口正上方, 以免水滴入機內導致故障。機器運轉時, 請確保機器與牆壁或其他物件之間保持至少約20厘米的距離。

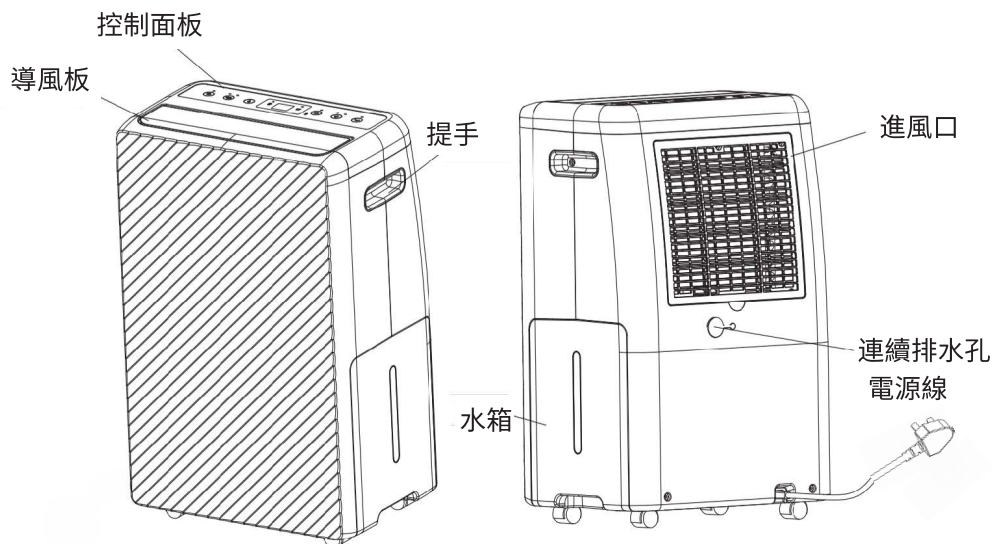


2. 使用環境

1. 工作環境溫度: 5°C-35°C
2. 本機適合於客廳, 書房、辦公室、倉庫、地下室以及地下車庫等室內環境使用。
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. 將抽濕機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, 以免抽濕水溢出或抽濕機傾倒。

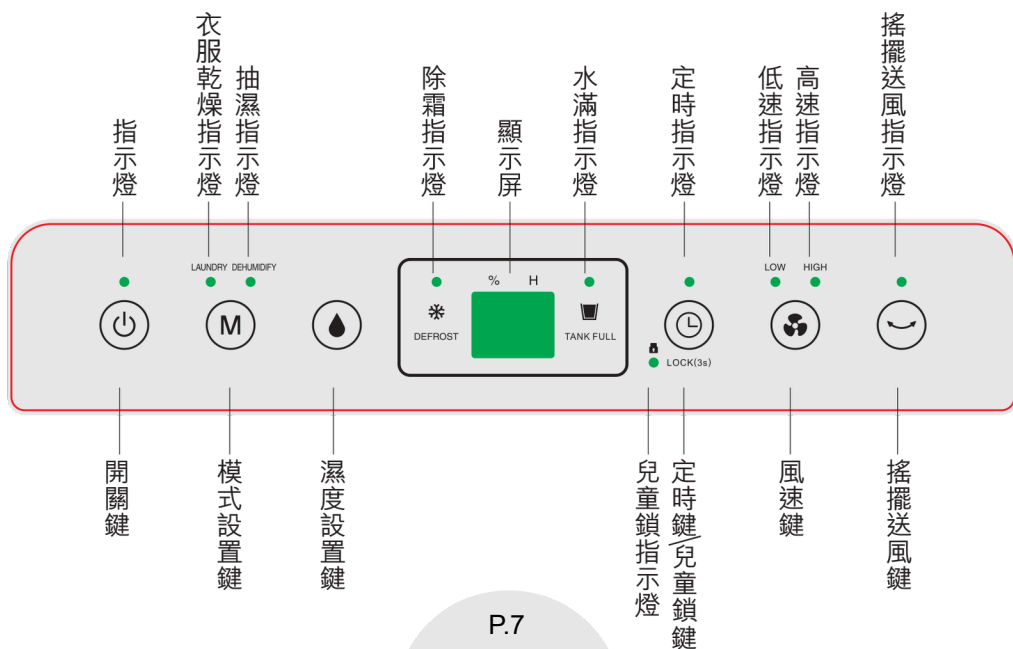


3. 部件名稱



4. 使用方法

(一) 按鍵和顯示面板



(二) 按鍵的名稱和控制功能


1. (⏻) 開/關鍵 (POWER): 按下 (⏻) 鍵可設置抽濕機開、關機;
2. (M) 模式鍵 (MODE): 按下 (M) 鍵可設置 LAUNDRY (衣服乾燥模式)、DEHUMIDIFY (抽濕模式)。
3. (💧) 濕度設定鍵 (HUMIDITY): 按 (💧) 鍵可設置抽濕機運行的濕度環境, 顯示屏顯示相應的濕度設定值。
4. (⌚) 定時鍵/ 兒童鎖鍵 (TIMER/ LOCK): 按下 (⌚) 鍵可設置抽濕機定時關機時間, 顯示屏顯示相應的時間。
連續按下定時鍵3秒, 可設置開啟或關閉抽濕機的兒童鎖功能。
5. (🌀) 風速鍵 (SPEED): 按下 (🌀) 鍵可調節抽濕機的風速, 可設置高/低速兩段的風速。設置風速時, 指示燈會顯示風速設定檔位為 LOW 或HIGH。
6. (😊) 搖擺送風鍵 (SWING): 按下 (😊) 鍵可設置上下搖擺送風。

(三) 按鍵操作/控制功能說明

1. 開機: 按 (⏻) (開關) 鍵, 抽濕機開始運行, 導風板會自動打開。
首次開機時, 抽濕機默認為抽濕模式, 風速按高速運行, 但壓縮機在約3分鐘後才會開始啟動運行。
如果關機後, 不斷電 (不拔電源插頭) 後再開機, 抽濕機會按關機前的運行狀態運行。
關機: 抽濕機在運行過程中, 按下 (⏻) (開、關) 鍵, 抽濕機停止工作。
2. 運行模式設置:
按下 (M) (運行模式設置) 鍵, 可設置 LAUNDRY (衣服乾燥模式)、DEHUMIDIFY (抽濕模式), 兩種運行模式。
 - 衣服乾燥模式: LAUNDRY 指示燈會亮起, 抽濕機在衣服乾燥模式下運行, 抽濕機開始抽濕且連續抽濕。此模式不可調節風速。
 - 抽濕模式: DEHUMIDIFY 指示燈會亮起, 抽濕機在抽濕模式下運行。按下風速鍵可調節風速。

(三) 按鍵操作/控制功能說明

3. 濕度設定：

按下  (濕度設定) 鍵, 可設置所需的環境濕度值, **88** 顯示屏會以CO~40%~45%~50%~55%~60%~65~70%~CO.....循環, 停止濕度設定後, **88** 顯示屏會由期望的環境濕度設定值轉為顯示當前的環境濕度值。

當抽濕機檢測到當前環境濕度比設定濕度值低2%RH時, 抽濕機將停止抽濕並以超低速運行。當抽濕機檢測到當前環境濕度比設定濕度值高2%RH, 抽濕機啟動抽濕, 並恢復為預設風速運行。

CO表示連續抽濕, 抽濕運行不受環境濕度控制。抽濕機開機時預設為連續抽濕狀態。

抽濕機在衣服乾燥模式時, 抽濕機運行不受環境濕度控制。


抽濕機受濕度設置控制運行如下:

設定50%: 表示期望環境濕度值為50%, 當抽濕機檢測到當前環境濕度 $\leq 48\%RH$ 時, 抽濕機停止抽濕, 並以超低速運行。當抽濕機檢測到當前環境濕度 $\geq 52\%RH$, 抽濕機會啟動抽濕功能並以設定風速運行。

當環境濕度值 $\leq 30\%RH$ 時會顯示LO, 環境濕度值 $\geq 80\%RH$ 時會顯示HI。


4. 定時關機：

按下  (定時) 鍵, 可設置抽濕機定時關機時間, 定時的LED燈會亮起

按下  鍵時, 顯示屏會以0H~1H~2H~3H.....8H~0H循環

顯示屏顯示0H, 表示解除定時並沒有設置定時關機, 定時LED燈會熄滅。

顯示屏顯示5H, 表示定時關機時間為5小時, 定時關機功能會隨即生效。

定時功能生效後, 重新按下  鍵可查詢剩餘時間, 以清楚顯示抽濕機尚會運行多少時間才會停止。

定時關機時間結束時, 抽濕機會自動關機。

在定時過程中, 如果抽濕機水箱水滿或者自動除霜, 定時時間仍然生效, 直到定時倒數完畢。

(三) 按鍵操作/控制功能說明

5. 風速設置：


按下  鍵可調節抽濕機的風速, 可設置LOW/ HIGH 兩段風速。設置風速時, 相應的風速指示燈 LOW 或HIGH 會亮起。

抽濕機在衣服乾燥模式運作不能設置風速。

6. 搖擺送風：

按下  (搖擺送風) 鍵：可開、關出風口的導風板進行自動上下搖擺送風, 指示燈亮起。

7. 兒童鎖功能：



抽濕機在運行中, 長按  鍵3秒, 抽濕機的兒童鎖功能會啟動, 指示燈亮著, 再按其他鍵均不能操作, 只有解除兒童鎖功能才能進行。

再按下  鍵3秒或拔掉電源插頭可以解除兒童鎖功能。


8. 負離子功能：

抽濕機開機運行時負離子自動開啟, 抽濕機關機時負離子自動關閉。

(四) 記憶功能

1. 按下  開/ 關機鍵使抽濕機關機後 (不拔掉機器電源插頭), 再重新按下  開/關機鍵開機時, 抽濕機會按照關機前的工作模式運行。定時和兒童鎖不會被記憶。
2. 抽濕機如在工作時斷電 (即未關機前就拔掉機器電源插頭), 抽濕機重新接駁電源後會自動運作, 並按抽濕機斷電前的工作模式運行。定時和兒童鎖不會被不記憶。
3. 抽濕機關機後, 進入待機狀態時再斷電 (即關機後才拔掉機器電源插頭)。重新接駁電源後再開機時, 抽濕機會以預設功能模式運行。

(五) 水滿自動停機功能

當抽濕機檢測到水箱水位達到限定高度, 蜂鳴器將響起, 水滿  指示燈亮著, 同時抽濕機停止運行, 導風板自動關閉。取出水箱, 將水倒掉, 再放回水箱, 抽濕機將按水滿前的設置狀態重新運作 (水滿至放回水箱的間隔時間需等待3分鐘才會啟動)。

(六) 自動除霜功能

當抽濕機在低溫環境下運行時, 蒸發器表面可能會結霜, 為保證抽濕機的正常運行, 抽濕機設有自動除霜功能。

當抽濕機固定在蒸發器銅管的溫度 $\leq -1^{\circ}\text{C}$ 時, 抽濕機會進入自動除霜程序—即抽濕機連續抽濕運行30分鐘後, 啟動除霜, 除霜時 * 指示燈亮著, 壓縮機停止運作, 抽濕機以高風速運行。

當溫度傳感器感應到蒸發器的銅管溫度值 $\geq 2^{\circ}\text{C}$ 和除霜時間 ≥ 10 分鐘, 壓縮機才能運行, 抽濕功能重新啟動。* 指示燈熄滅。

(七) 壓縮機延時啟動功能

壓縮機停止後, 如果立即再起動, 製冷系統壓力未能平衡, 容易引發抽濕機超載。因此抽濕機設有壓縮機延時啟動功能, 開機時壓縮機會延後約3分鐘才啟動。

(八) 過熱安全保護功能

抽濕機檢測到環境溫度 $<3^{\circ}\text{C}$ 或 $>40^{\circ}\text{C}$, 抽濕機停止抽濕, 風機維持原來的設置運作。

抽濕機檢測到環境溫度 $\geq 5^{\circ}\text{C}$ 或 $\leq 38^{\circ}\text{C}$, 抽濕機恢復抽濕功能 (壓縮機再啟動需達到約3分鐘的保護時間)。

(九) 低濕度安全保護功能

抽濕機檢測到環境濕度 $\leq 30\%\text{RH}$ 時, 顯示屏顯示LO, 抽濕機停止抽濕, 風機以超低速運轉。抽濕機檢測到環境濕度 $>35\%\text{RH}$, 顯示屏顯示實際濕度, 抽濕機恢復抽濕功能 (壓縮機啟動需達到約3分鐘的保護時間)。

抽濕機檢測到濕度高於 $80\%\text{RH}$ 時, 顯示屏顯示HI, 抽濕機保持工作狀態。

(十) 故障代碼顯示並停機保護功能

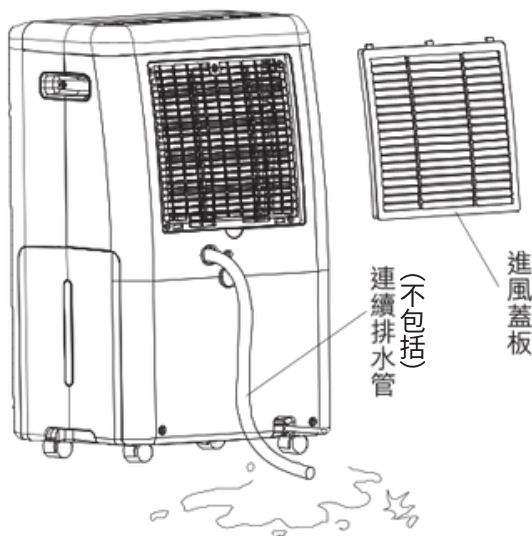
抽濕機會根據各種傳感器檢測主機及電路的異常狀況。

1. 當檢測蒸發器溫度的傳感器出現故障 (斷路、短路) 時, 抽濕機會停止運行, 同時顯示屏顯示C1並閃爍。
2. 當檢測環境溫度的傳感器出現故障 (斷路、短路)、濕度傳感器的連接線鬆脫時, 抽濕機會停止運作, 同時顯示屏顯示C2並閃爍。
3. 雪種泄漏檢測: 如果因雪種泄漏造成抽濕機不製冷, 蒸發器的溫度會上升而接近環境溫度。壓縮機運行時, 每8分鐘檢測一次環境溫度值和蒸發器溫度值; 如果連續五次檢測到環境溫度值和蒸發器溫度值之差 $\leq 3^{\circ}\text{C}$ 時, 則表示雪種可能泄漏, 同時顯示屏顯示 C8並閃爍。(注: 壓縮機停止運行時不作此項檢測)。

(十一) 連續排水功能

如需連續排水, 移開後殼的排水管塞頭, 用內徑15mm軟膠管通過後殼排水孔連接到排水口上, 抽濕機將連續運行, 水箱不會盛水。此時抽濕機可連續運行而不會因水箱水滿而導致停止運作。

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, 否則可能會產生排水不順甚至不排水的情況。

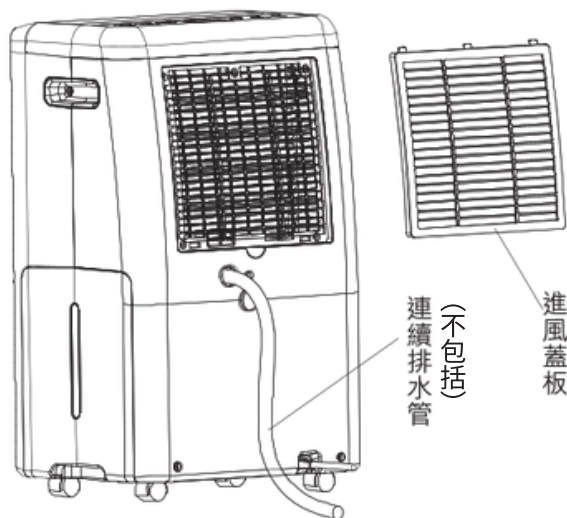


(十二) 高溫下強制風機轉速轉換功能

抽濕機在高溫環境下抽濕運行, 低風速會加重壓縮機的負載, 故高溫環境下抽濕時將從低速切換到高速, 待環境溫度下降後再恢復原來設置的風速運行。

5. 維護與保養

- 本產品外殼為塑膠, 避免陽光直射。
- 取出水箱時, 需輕拿輕放。
- 清潔外殼時, 請用柔軟而乾淨的濕布擦拭 (不可使用酒精, 汽油及苯等化學溶劑)。
- 定時清潔進風蓋板。取出進風蓋板, 用真空吸塵機清掃或用水沖洗後, 放於通風處晾乾。



- 清潔及其他維護前, 請將電源線插頭拔掉。
- 移動抽濕機前, 請關機並拔下電源線插頭, 將水箱內的積水倒掉。
- 長期不用時, 請將電源線插頭拔掉並將水箱的水全部倒掉放置兩天, 待抽濕機內部乾燥後再包裝並保存於通風, 乾燥的環境下以延長使用壽命。存放時請將抽濕機直立擺放, 切勿橫放和倒放。
- 產品維修時, 請致客戶服務熱線2232 1000或專業人員進行處理, 如自行維修導致機體損壞及一切事故, 其責任由用戶自負。
- 抽濕機維修時換下的廢棄物, 請聯絡有廢棄物處理資格的回收商處理。
- 當抽濕機使用壽命到期, 需作廢處理時, 請聯絡合資格環保回收商, 不得隨意丟棄。

6. 主要性能參數

型號	TDF130
額定電壓	220-240V/50HZ
抽濕量	13升/日（26.7°C 60%RH）
	23升/日（30°C 80%RH）
抽濕消耗功率	295W（35°C 90%RH）
風量	抽濕低速:125 m³/h 抽濕高速:165 m³/h
雪種種類	R134a 150克
水箱容量	3.8升
機體尺寸規格	567(高) × 355(闊) × 252(深) 毫米

此產品是採用高品質的材料和組件設計和製造的, 這些材料和組件可以回收和再利用。這個標誌表示電氣和電子設備在報廢時應與家庭廢物分開處理。請幫助我們保護我們生活的環境。

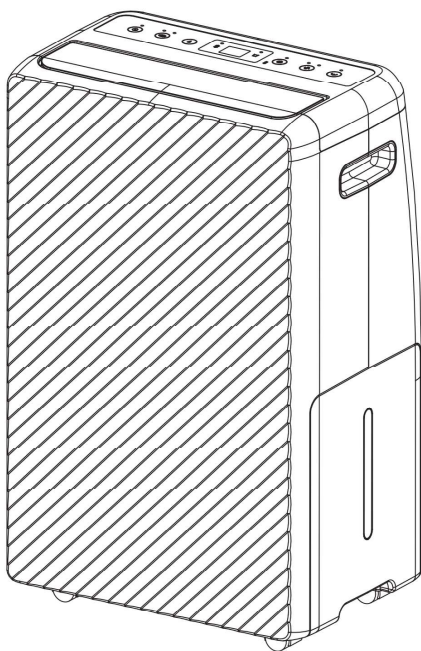


New
Dehumidifier

TGC

TDF130

User manual



Please read this manual carefully before use.


To avoid damaging the dehumidifier and voided warranty.
Please place the dehumidifier in a correct position for at least 2 hours before operation.

Thank you for purchasing TGC product.

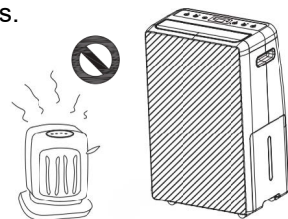
Contents

1 Important Safety Notices	3-5
2 Ambient Environment For Operating	6
3 Parts Names	7
4 Operating Introduction	
1. Touch key and Display panel	7
2. The name and function of Touch key	8
3. Display icons and operate instruction	8-10
4. Memory function	10
5. Water tank full auto stop function	11
6. Auto Defrost	11
7. Compressor protection function	11
8. High temperature protection function	12
9. Low humidity protection function	12
10. Error codes	12
11. Continuous drainage function	13
12. High temperature fan speed switch function	13
5 Maintenance	14
6 Specifications	15

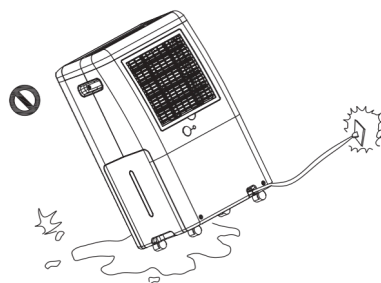
1. Important Safety Notices

-  Do not install and use the unit before carefully reading this instruction guide. Please keep this manual for product warranty and future use.

- 1) Please confirm the supply voltage is match with the product label.
- 2) Do not place the machine near the appliance produced high temperature. Since the high temperature might damage the plastic and caused fire. Do not expose the machine under the sunshine, to avoid the decoloring of plastic parts.

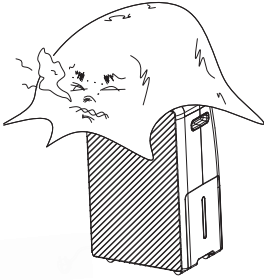


- 3) Do not operate the machine in place with lots of dust or corrosive gas or flammable or explosive gas, to avoid danger.
- 4) Always guide if children operate. Never disassemble the unit, and never try to carry out repair or replace the unit's spare parts by yourself. Please coordinate with qualified personal to repair the machine.
- 5) Place the machine in the flat and stable surface to prevent vibration and noise.
- 6) Please unplug the power plug once the machine is toppled.



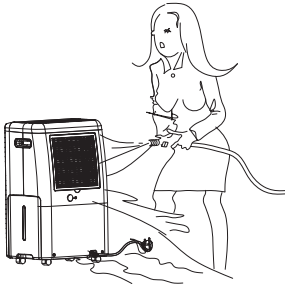
1. Important Safety Notices

- 7) Never cover the machine when it's running to prevent damage.



- 8) Make sure the inlet and outlet ventilation is not blocked at all times.

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



- 10) Never pull the socket by using damp hands.

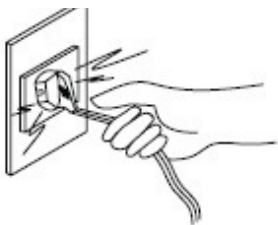


- 11) Always switch off before unplugging to avoid electric shock.

- 12) If you do not use for a long time, shut down and unplug the power plug, then pour out the water from the tank and wipe it clean.

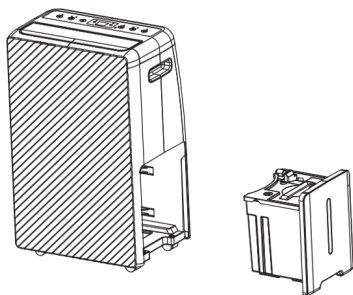
1. Important Safety Notices

- 13) Do not pull out power wire by force because it will damage the power wire and cause damage.

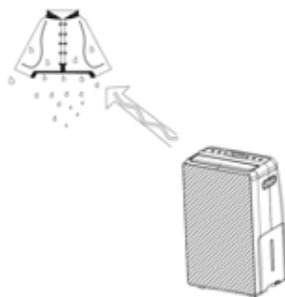


- 14) When the machine is operating, It is forbidden to insert hand or other small shaft in the air inlet or outlet, to prevent contact any parts inside or the rotating blower. It will damage the machine and cause danger.

- 15) Pour out the water in the tank before move the machine.



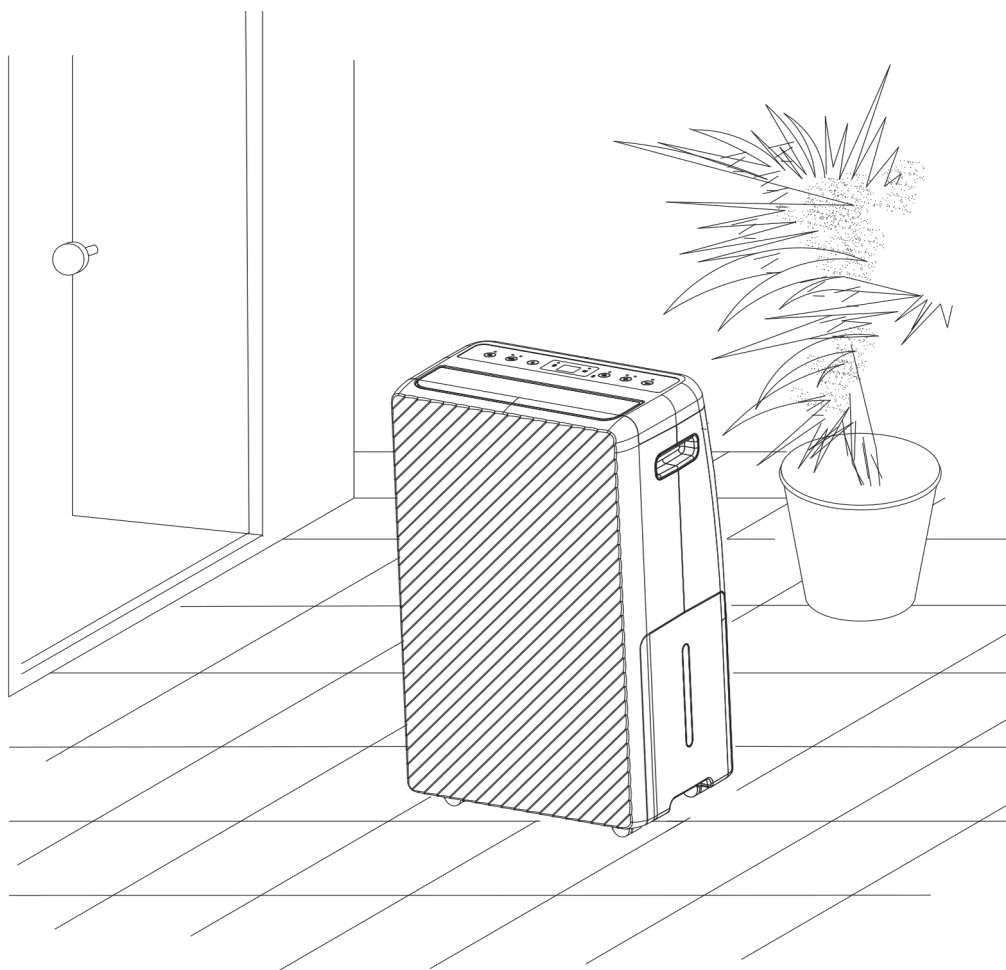
- 16) In the low temperature and high humidity winter, please set the unit operating in laundry mode. (Under the laundry mode, the machine could operate continuously.) Note: When dry clothes, please do not hang the clothes above the outlet. To prevent the water drop into the machine from outlet and cause malfunction. When the machine is running, please make sure the minimum distance approx. 20cm between the unit and the wall or other obstacles from all sides.



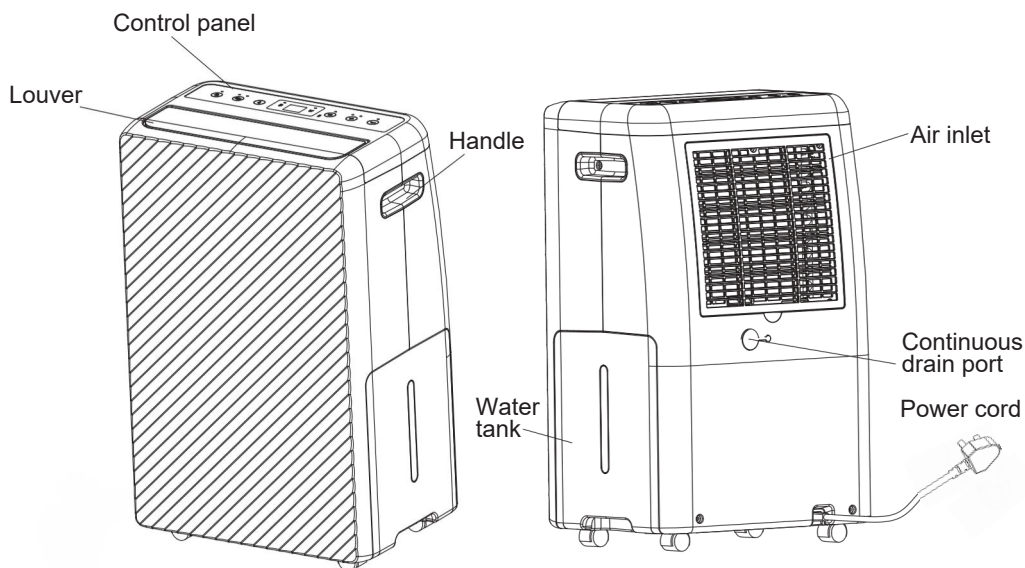
- 17) This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not operate with the appliance. Cleaning and user maintenance shall not be made by children without supervision. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or qualified persons in order to avoid a hazard. The appliance shall be installed in accordance with local authority.

2. Operating Environment

1. Working temperature: 5°C - 35°C.
2. This machine is suitable for indoors, e.g. Living room, study room, office, storage room, basement and garage.
3. Make sure the door and window are closed before turning on the unit to get the best result.
4. Ensure that the unit is placed on a stable and flat surface. If the surface is not even, there is a risk that the unit may be unstable and topple over. Also it will cause excessive vibration and noise.

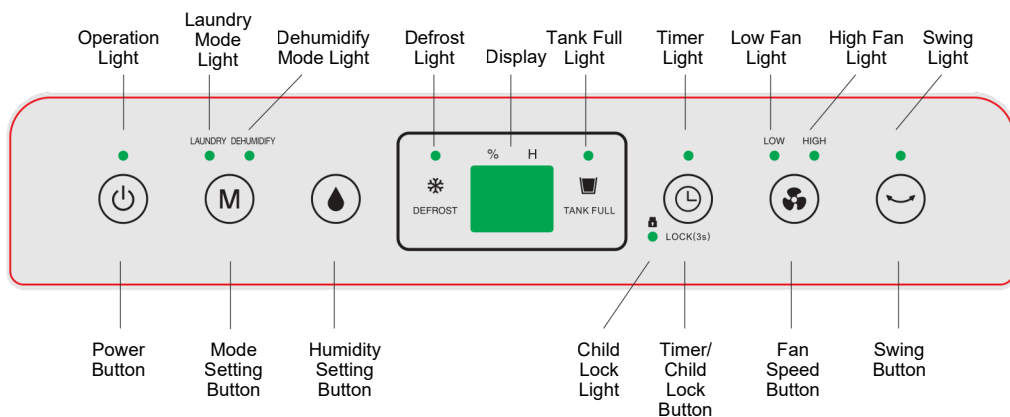


3. Parts Names









4. Operating Introduction

1. Touch key and Display panel



2. The name and function of control panel

1.  (**POWER**): Press this button to switch on/ off the device.
2.  (**MODE**): Press this button to set up laundry mode or dehumidify mode.
3.  (**HUMIDITY**): Press this button to set the desired humidity, then the display will show the set humidity accordingly.
4.  (**TIMER/LOCK**): Press this button to set the machine shutdown time. The display will show the shutdown time accordingly. Press this button for 3 seconds, could turn on or off the child lock function.
5.  (**SPEED**): Press this button to adjust the fan speed. (High or Low speed can be set.) The display will show the set speed accordingly (LOW or HIGH).
6.  (**SWING**): Press this button to turn on or off the swing function.

3. Display icons and operating introduction

1. **Power on**: When plug in appliance, press “**Power**” button, the machine start running, the louvers open.

After power on, the machine operates, the defaulted function is dehumidify function. The fan speed is high. The compressor works after around 3 minutes for protection purpose.

If turn off the machine without disconnecting it from the power supply, it will resume operation with the previous settings when turned back on.

Power off: Press “**Power**” button to turn off machines when the machine is operating.

2. **Mode setting**: Press “**Mode**” setting button can set up laundry mode or dehumidify mode.

- ① Laundry mode: the laundry indicator lights up, the machine operates in the laundry mode, and the machine operates under the continuously dehumidify whatever the ambient humidity is. The fan speed can not be set under the laundry mode.
- ② Dehumidify mode: the dehumidify indicator lights up. The machine operates under the dehumidify, press the “Speed” button can adjust the fan speed.

3. Display icons and operating introduction

3. Humidity setting:

Press “**Humidity**” setting button, could set the desired humidity. **88** display will show CO~40%~45%~50%~55%~60%~65%~70%~CO in cycle. When finish the humidity setting, the display will switch to show the ambient humidity from set humidity.

When the machine detect the ambient humidity is 2%RH lower than the set humidity, the machine will stop dehumidifying, the fan will keep working in low speed. When the machine detect the ambient humidity is 2%RH higher than the set humidity, the machine start dehumidifying and the fan come back to work at set speed.

For example, the set humidity is 50%, when the machine detect the ambient humidity is 48%RH, the machine will stop dehumidifying, the fan will keep working in low speed. When the machine detect the ambient humidity is $\geq 52\%$ RH, the machine starts dehumidifying and the fan come back to work at set speed. When the ambient humidity is $\leq 30\%$ RH, the LO icon will be displayed; When the ambient humidity is $\geq 80\%$ RH, the HI icon will be displayed.

CO means continuously dehumidify whatever the ambient humidity is. The machine default setting is CO when switch on the machine.

4. Timer:

Press “**Timer**” button to set time for auto-stop, the timer indicator lights on. Press the “**Timer**” button will show 0H~1H~2H~3H...8H~0H...in cycle. When the display show 0H, it means the timer for auto-stop function is cancelled and the timer icon light off. After choosing “**Timer**” function, re-press button, the display will show the remaining time, then the user know when the machine will stop automatically.

In the process of timing, if the water tank is full or the machine in auto-defrost, timing is still valid, until the set time is reached, the machine stops automatically.

3. Display icons and operating introduction

5. Fan Speed setting:

Press the **“Fan Speed”** setting button could adjust the fan speed. Low and high speed can be selected, once chosen, the according indicator LOW or HIGH will be light up. The fan speed can not be set under the laundry mode.

6. Swing:

Press the **“Swing”** button, the swing indicator lights up, the louver will swing in up/down direction.

7. Lock function:

When the machine operates, press the **“Timer”** button for 3 seconds to choose the **“Lock”** function, then the lock icon lightens, and the control panel has been locked, all buttons are disabled; Pressing the **“Timer”** button for 3 seconds again or unplugging the power plug to cancel the lock function.

8. Ionizer function:

When the machine turns on, the ionizer function turns on automatically; when the machine turns off, the ionizer function turns off automatically.

4. Memory function

1. After turning the dehumidifier off using the power button (without unplugging the power plug). When **“Power”** button is pressed again. The dehumidifier will turn on and operate as the same working mode before turn-off. However, the **“Timer”** and **“Lock”** will not be memorized.
2. If the dehumidifier loses power while operating (the power plug is unplugged), it will automatically resume operation after the power is reconnected, following the operating mode used before the power loss. However, the **“Timer”** and **“Lock”** will not be memorized.
3. After the dehumidifier is turned off by pressing **“Power”** button, if the power is then cut off (the power cord is unplugged). The dehumidifier will operate in the default mode when the power is reconnected and it is turned on again.

5. Water tank full auto-stop function

When the sensor detected the water level reached the set height, the buzzer will alarm, the “**Tank Full**” indicator lights up, the machine will stop working and louver will close automatically. The user need to empty the water tank, replace the tank back into the machine, then the machine will return to work as the settings before water tank full. (The compressor won't start to work until the time interval from water tank full to carry the tank back into the machine for around 3 minutes for compressor protection purpose.)

6. Auto defrost

When machine is working under low-temperature, the evaporator's surface will defrost, to ensure machine's normal operating, the product has automatic defrost function.

If the temperature sensor measured temperature of evaporator's copper tube $\leq -1^{\circ}\text{C}$, compressor will keep working 30 minutes and then it will stop working (product will defrost), the indicator light of fan' s high level and defrosting are light up, other indication keep original condition.

After temperature sensor measured the temperature of evaporator' s copper tube $\geq 2^{\circ}\text{C}$ and machine' s defrosting time must be ≥ 10 minutes at same time, then compressor can start working and defrosting indicator light going out, the other indication keep original condition.

7. Compressor protection function

When compressor stops working, if immediately restart, cooling system pressure is not balanced and lead to overload easily, so the machine is equipped with the compressor delay around 3 minutes to re-start function.

8. High temperature protection function

When the sensor detects the ambient temperature $< 3^{\circ}\text{C}$ or $> 40^{\circ}\text{C}$, the machine will stop working and the fan motor will continue to work at previous set speed.

When the sensor detect the ambient temperature $\geq 5^{\circ}\text{C}$ or $\leq 38^{\circ}\text{C}$, the machine come back to dehumidify normally. (The compressor requires approx. 3 minutes of protection time before restarting.)

9. Low humidity protection function

When the machine detect the ambient humidity $\leq 30\%$, the display will show LO, the machine will stop dehumidifying, the fan motor will work at low speed.

When the machine detect the ambient humidity $> 35\%$, the display will show the actual humidity, the machine will return back to dehumidify.

When the machine detect the humidity $> 80\%$, the display will show HI, the machine keep working at previous set mode.

10. Error codes

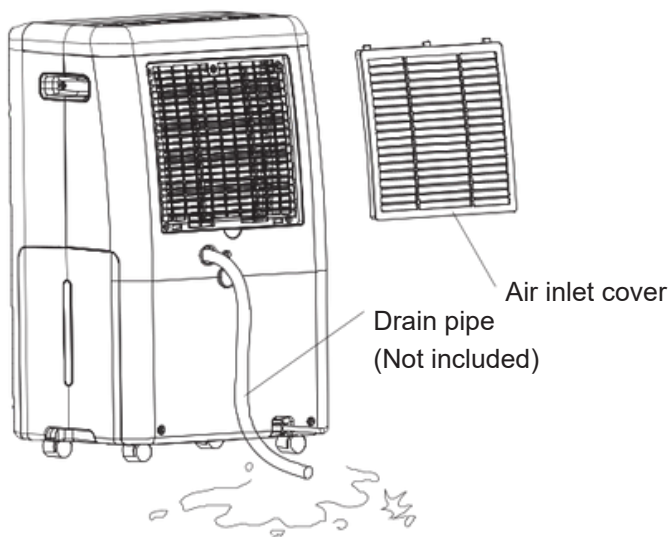
1. When the evaporator temperature sensor fails (open circuit or short circuit), the dehumidifier will stop operating, and the display will show "C1" flashing.
2. When the ambient temperature sensor fails (open circuit or short circuit) or the humidity sensor connection becomes loose, the dehumidifier will stop operating, and the display will show "C2" flashing.
3. Refrigerant leakage detection: If refrigerant leakage causes the dehumidifier to stop cooling, the evaporator temperature will rise and approach the ambient temperature. While the compressor is running, the system checks the ambient and evaporator temperatures every 8 minutes. If the difference between the two temperatures is $\leq 3^{\circ}\text{C}$ for five consecutive checks, refrigerant leakage is suspected, and the display will show "C8" flashing. (Note: This detection is not performed when the compressor is stopped.)

Remark: When the compressor stop working, such as the compressor stopped due to the set humidity reached, the machine won't proceed refrigerant leakage detection.

11. Continuous drainage function

When the machine need continuous drainage, pull out the drain hole plug, use suitable drainage tube with inner diameter of 15mm to connect on the hole. When the machine operates, the water will drain out via drainage tube, then water tank will not contains the water, then the machine could continuously work and do not shutdown due to water tank full.

During continuously drainage status, the drainage hose have to place horizontal on the ground. The drain hose could not be curved or cocked, otherwise, the water could not flow out smoothly.

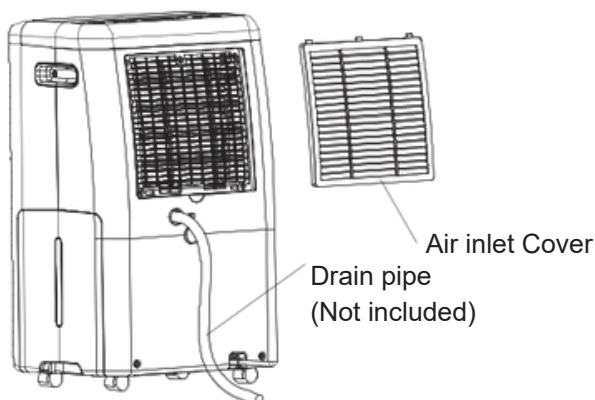


12. High temperature fan speed switch function

When the machine dehumidify in the high temperature environment, the low speed operation of fan motor will increase the load of compressor, so when the machine dehumidify under the high temperature environment, the fan speed will switch to the higher speed automatically. When the ambient temperature down, the fan speed will switch back to previous set speed.

5. Maintenance

- As its casing is made of plastic, do not place it in direct sunlight.
- Remove the water tank with care.
- Only use a soft clean cloth for all cleaning purpose (Do not use the alcohol, gasoline, and other benzene chemical solvents).
- Keep the filter clean: removing the filter, then use a vacuum cleaner or water to clean, then put it in ventilated place until it's dry.



- Please unplug the unit before cleaning and other maintenance.
- Before moving the unit, please shut down, unplug the unit and pour out the water in tank.
- If not using the unit for a long time, please switch off and unplug the unit, empty the water tank, wait for 2 days to make sure the unit inside completely dry before packing. Then make sure the machine to be stored uprightly, please do not make the machine placed horizontally and upside down.
- When the machine need to be repaired. Please contact customer service hotline, 2232 1000 or other professional person. We do not take responsibility for any accident or damage for repairing machine personally.
- For the waste after the machine repair, please send them to the factory that is qualified to dispose of the waste.
- When the machine's lifetime expired, please send the machine to the authorize recycle-service provider. Do not throw it away directly.

6 Specifications

Model	TDF130
Rated voltage	220-240V/50HZ
Dehumidification	13L/ Day (26.7 °C 60% RH)
	23L/ Day (30 °C 80% RH)
Power consumption	295W (35°C 90%RH)
Air volume	Low speed: 125 m³/h
	High speed: 165 m³/h
Refrigerant	R134a 150g
Water tank capacity	3.8L
Dimension	567(H) x 355(W) x 252(D) mm

This product is designed and manufactured with high quality materials and components which can be recycled and reused. This symbol means that electrical and electronic equipment should be dispose separately from your household waste. Please dispose of this equipment at your local community waste collection/ recycling centre. Please help us to conserve the environment we live in.



