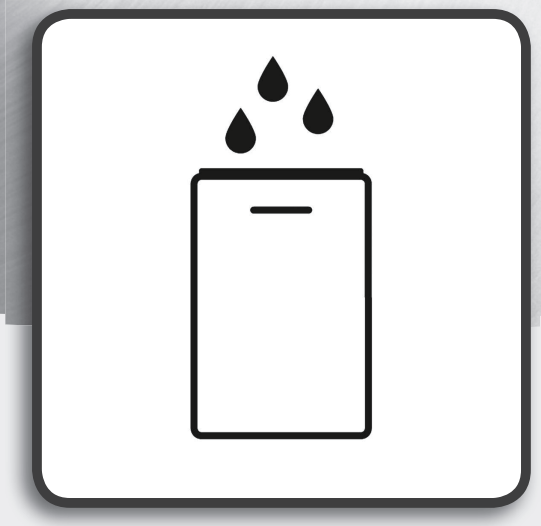
Whirlpool



Health & Safety, Use & Care and Installation guide
產品安全指引、使用說明及安裝指南

Model產品型號: DM140NIW
DM140NKW

www.whirlpool.com.hk

親愛的用戶：

感謝您購買惠而浦抽濕機，我們將竭誠為您提供服務，以讓您的居家生活更加便利。
請仔細閱讀本使用說明書，並妥善保管，以備日後查閱、維修。
產品最終規格依實物為準，如有變更，恕不另行通知。

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在使用本產品前，請仔細閱讀本使用說明書。



此產品具有高度易燃的R290製冷劑。
若製冷劑洩漏並接觸到外部火源，可能會有起火的風險。



使用本產品前，
請先閱讀用戶使用手冊。



安裝本產品前，
請先閱讀安裝手冊。



維修本產品前，
請先閱讀維修手冊。

安全注意事項

請閱讀並保存這些重要的安全說明。

使用此產品時,應遵照本說明書的安全預防措施，以降低火災、電擊和人身傷害的風險，包括以下幾點:

⚠ **警告**

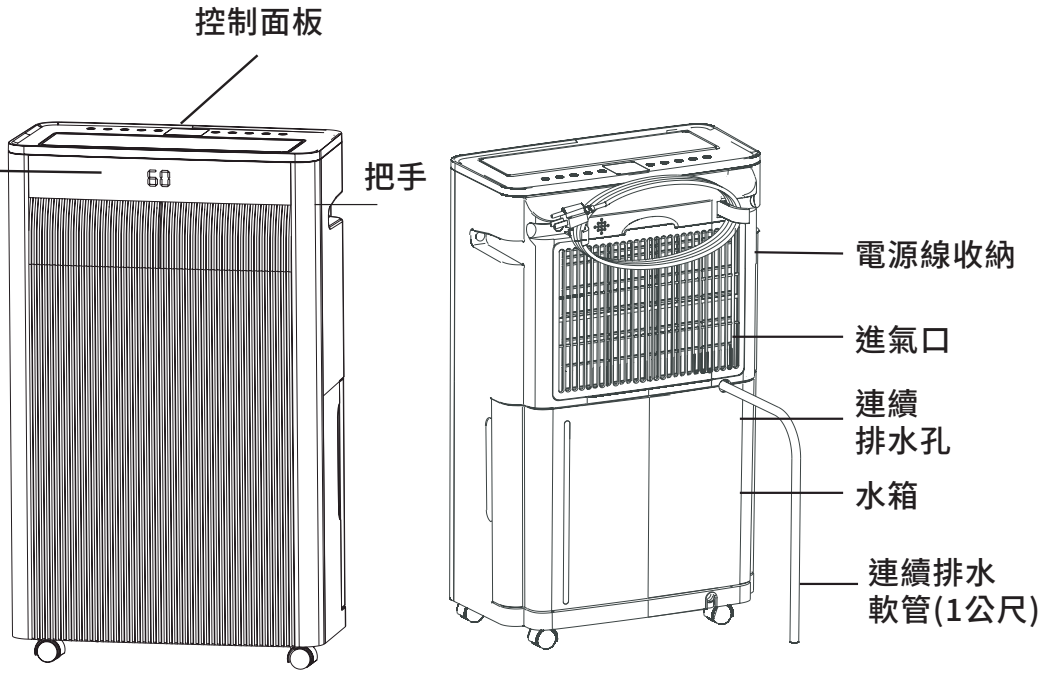
為避免觸電、火災或人身傷害的風險,在移動、維修或清潔產品前,請務必確保產品已從電源插座拔下。

- 本產品只能按照本手冊中的說明使用。製造商不推薦的任何其他用途可能會導致火災、電擊或人身傷害。
- 本產品不可供生理、感知、心智能力、經驗或知識不足之使用者(包含孩童)使用。除非在對其負有安全責任的人員之監護或指導下安全使用。
- 切勿在產品頂部放置任何物品。
- 必須監督兒童,確保他們不玩耍本產品。
- 產品使用時請勿覆蓋。
- 請勿將產品浸入水中。
- 處理從產品收集的水。此水不可飲用。
- 請確保產品擺放周圍有足夠空間。
- 3歲以下兒童和寵物應遠離,除非持續監督。
- 產品使用時,請勿讓兒童獨處或無人看管。
- 清潔和用戶維護不應由兒童進行,除非有成人在現場持續監督。
- 此產品擺放時必須保持直立狀態,不可傾斜或翻倒。為避免產品受損,請將產品放置於平穩和乾燥的表面上。
- 請勿將產品靠牆或靠其他產品放置。
- 使用時請勿覆蓋產品或限制進風口或排風口的氣流。
- 請勿濕手操作產品。
- 請勿在靠近水的地方或浴缸、淋浴間或游泳池附近使用本產品。切勿將產品放置在
- 可能掉入浴缸或其他水容器的地方。
- 請勿讓水或其他液體流入產品內部,因為這可能會引起火災和/或電氣危險。
- 請勿使用機械產品加速產品的除霜過程。
- 當溫度降至1°C以下時,請勿將連續排水軟管放置在室外。

安全注意事項

- 請勿在未安裝空氣濾網的情況下使用本產品。
- 本產品適用於室內家庭使用和類似應用。請勿在室外使用。
- 使用時切勿讓產品無人看管。不使用時，請務必關閉產品並斷開電源。
- 避免將電源線放置在可能造成絆倒危險的區域。請勿將電源線放在地毯下或用地毯、跑道或其他類似物品覆蓋。
- 為避免電路負荷過重，請不要在同一插座上同時使用其他高電壓的產品。
- 切勿使用延長線或轉接頭。
- 切勿使用外置編程器、定時開關或任何其他自動開啟產品的裝置於本產品，除非該功能已由生產商預先內置於產品中。
- 請勿拉扯電源線。切勿透過電源線移動或懸掛產品。
- 請勿扭曲或纏繞電源線和插頭在產品周圍，因為這可能會導致絕緣層變弱或破裂，尤其是在它進入產品的地方。
- 本產品只能與隨附的電源適配器一起使用。請勿使用其他充電器或電源適配器，因為這可能會損壞產品和電池。
- 請勿在水箱未安裝的情況下操作產品。使用前請確保主電源線已完全伸展，並將其
- 整理好，使其不會接觸產品的任何部分。
- 請勿在任何安全防護裝置已移除的情況下操作產品。請勿嘗試維修或調整產品中的任何電氣或機械元件。這樣做可能不安全並會使您的保修失效。
- 確保主電源（包括電壓、頻率和功率）符合產品的額定標籤。
- 請勿在汽油、油漆、易燃氣體、烤箱或其他熱源附近使用本產品。
- 切勿將手指或金屬物體插入產品的通風口和開口中。
- 如果產品、電源線或任何隨附配件有損壞跡象，請勿操作產品。如果電源線損壞，必須由製造商、其服務代理商或類似合格人員更換，以避免危險。

主機（正面）



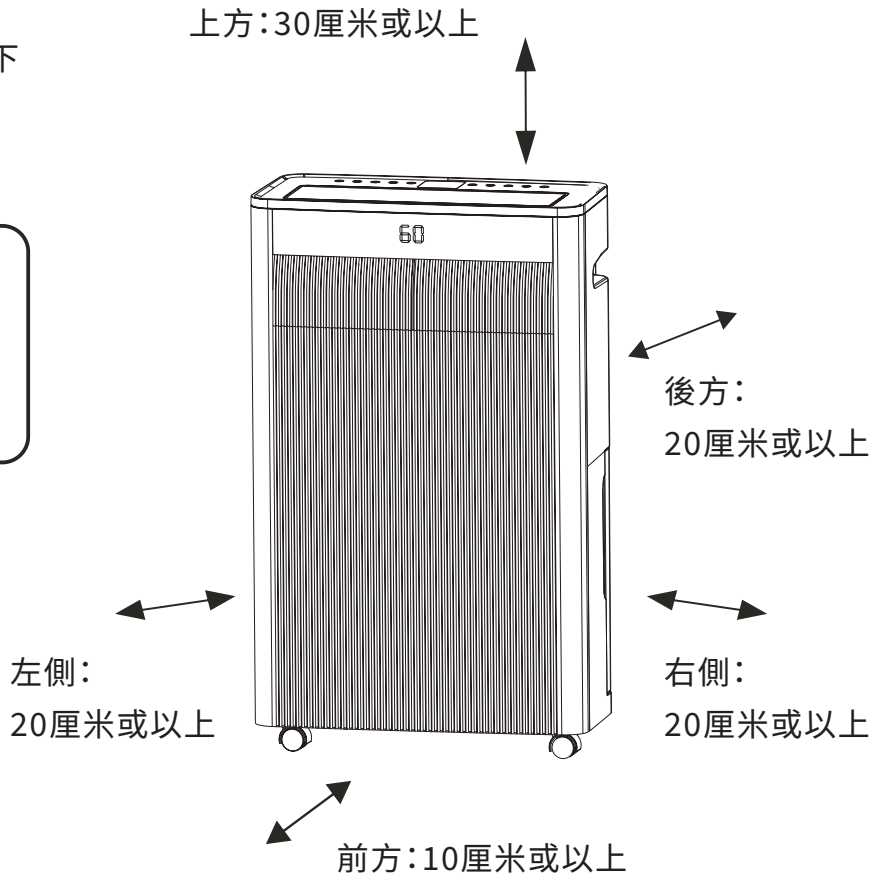
濕度指示燈
這是當前濕度的指示燈
- 紅色
  濕度超過70%
- 綠色
  濕度50%-70%
- 藍色
  濕度低於50%

安裝指示

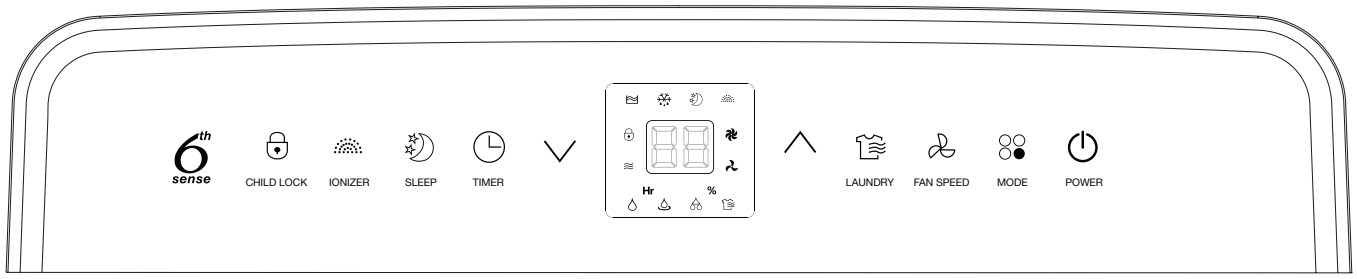
為使抽濕機高效運作，需要留出如下所示的間距。

注意

如果電視機、收音機等受到噪音干擾，請將它們與抽濕機保持70厘米或以上的距離。



控制面板操作



指示燈

兒童安全鎖　負離子　睡眠　送風　乾衣　低風速

水滿　除霜　日常除濕　連續除濕　強力除濕　高風速

電源開關

按下電源按鈕可開啟或待機抽濕機。抽濕機開啟後，顯示螢幕上將顯示除濕模式指示燈和室內濕度。

模式設定

重複按下此按鈕可選擇所需的除濕操作模式：日常除濕、連續除濕、強力除濕及送風。顯示螢幕上將顯示相應的除濕模式指示燈。

日常除濕模式

產品將按照所需的濕度設定運行。當濕度降至設定濕度目標時，產品會自動停止除濕。

連續除濕模式

產品將持續運行除濕功能。風扇將以低速運行且無法調整。

強力除濕模式

預設目標濕度為30%。產品將持續運行除濕功能，直到環境濕度達到30%。風扇將以高速運行且無法調整。

送風模式

壓縮機會暫停運作及停止除濕功能，按下風速即可調整風速。建議同時啟動「負離子」功能，淨化空氣。

乾衣模式

產品持續進行除濕功能。風扇將以高速運轉且無法調整。

∨ ∧ 濕度設定

按下「∨」和「∧」按鈕可將所需濕度設定為 30%-80%（每步 5%）。調整時顯示幕上的 LED 燈將閃爍。設定後 5 秒，LED 將恢復正常顯示。設定所需濕度後，壓縮機將持續運轉，直到室內濕度低於所需濕度或水箱滿水為止。注意：濕度只能在日常除濕模式下調整。

風速設定

按下「風速」按鈕可將風速設定為高或低，顯示幕上將顯示對應的風速指示燈。風速可在日常除濕模式下調整。

時間設定

按下「定時」按鈕可設定開機或關機定時器，時間介於 1-24 小時。

- 設定開機定時器：當抽濕機關閉時，輕觸定時器按鈕，然後按下「∨」或「∧」直到達到您希望開機前的小時數。設定定時器後，定時器燈將亮起。
- 設定關機定時器：當抽濕機開啟時，輕觸定時器按鈕，然後按下「∨」或「∧」直到達到您希望關機前的小時數。設定定時器後，定時器燈將亮起。

睡眠設定

在機器以任何模式工作時，按下睡眠按鈕可開啟睡眠功能。除睡眠燈/水滿燈/兒童鎖燈外，所有燈均熄滅。在睡眠模式下按下任意鍵可執行功能並喚醒機器。

負離子功能

按下「負離子」按鈕可使用負離子淨化功能，相應的指示燈將亮起。此功能可以獨立運作，在其他模式下，都可以選擇此功能。

兒童安全鎖

按下兒童安全鎖鍵3秒可啟用或停用兒童鎖功能。兒童安全鎖開啟時，顯示幕上相應的指示燈會亮起。如要關閉此功能，可再按下兒童安全鎖按鍵一次。

除霜功能

當蒸發器盤管結霜時，自動除霜功能將啟動。壓縮機關閉，風扇繼續運轉直到霜被清除。

水箱滿指示燈

當水箱滿時,會停止運作, 導風板會停留在最後運作時的位置. 取出水箱及清理後,重置水箱至正確位置會繼續運作。

注意：如果水箱被移除或未放置在正確位置，滿水指示燈也會顯示。

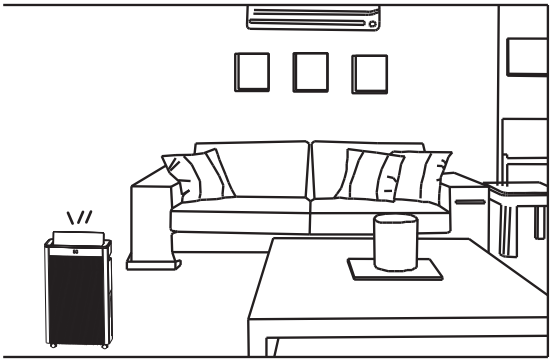
自動重啟

如果產品因斷電而意外中斷，則在電源恢復後，它將自動以先前的功能設定重新啟動。如果在斷電前設定了定時器，則自動重啟功能將停用。

功能選擇及使用

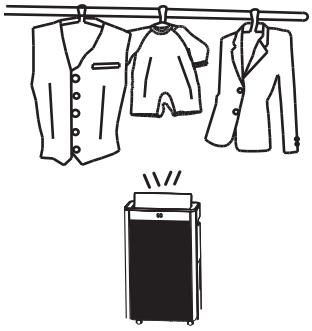
日常除濕模式

- 為房間除濕以達到舒適濕度
- 為房間除濕或防止天花板或牆壁結露和發霉



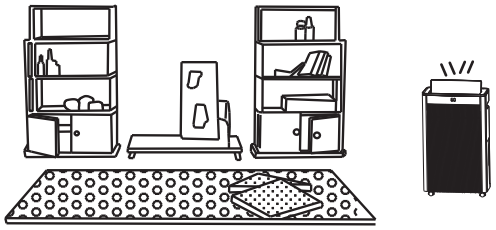
乾衣模式

為洗淨衣物除濕



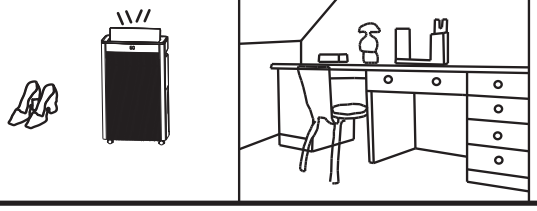
強力除濕

為地毯除濕



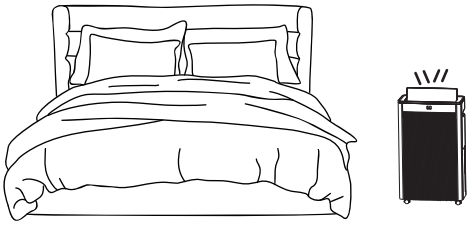
連續除濕

為小空間或鞋子除濕



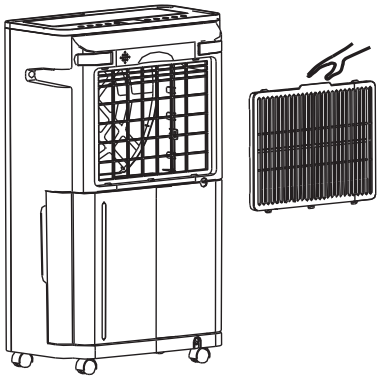
睡眠模式

保持乾燥舒適的睡房環境

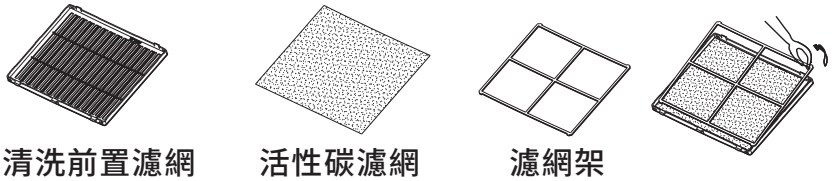


安裝濾網

1.拆下機身後的背蓋



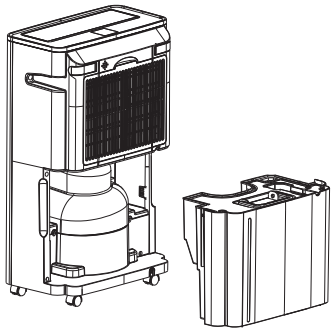
2.安裝濾網



可清洗前置濾網　活性碳濾網　濾網架

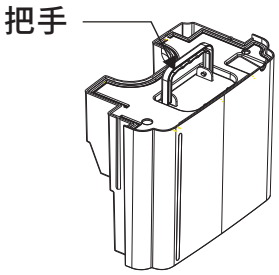
- 將活性碳濾網從塑膠袋中取出，然後將其放置到濾網架上，再將濾網架安裝到背蓋上，最後重新裝回背蓋。
- 如果設定條件不當，您無法將後蓋安裝到產品上。
- 注意：活性碳濾網和活性碳濾網架是可選配件。
- 活性碳濾網，切勿用水清洗，建議每一年更換一次。若使用環境較為多塵或有於室內吸煙，這會縮短濾網的壽命。
- 前置濾網可用水清洗，但必須將其徹底吹乾。
- 建議適時使用吸塵器輕輕地吸去濾網上的灰塵。若吸力過大 (特別是活性碳濾網)，可能會導致濾網損壞。

- **請確保水箱已正確安裝**
  當水箱滿水或未正確安裝時，您的抽濕機將無法運行。
- **如何取出**
  握住水箱的凹入部分，輕輕將水箱向您拉出。
- **如何安裝**
  水平輕輕推入水箱。把手會自行放下。



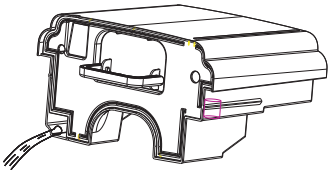
如何用水箱倒水

1. 從抽濕機中取出水箱
2. 握住水箱的把手並輕輕抬起。
3. 將水箱按所示方向傾斜，然後慢慢地將水從水箱中倒出。
4. 將水箱放回抽濕機中



注意

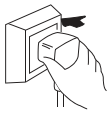
除濕操作後，水會聚集在水箱中。當水箱滿水時，抽濕機將自動停止運行並發出蜂鳴聲。如果在運行期間取出水箱，蜂鳴器會響20秒。



保養及維修

⚠ 警告與注意事項


為避免觸電風險，切勿濕手連接和斷開插頭。
禁止濕手使用。


清潔或進行其他日常維護前，請關閉產品並拔下電源插頭。


請勿從水箱中取出浮動桿。

- **當產品長時間不使用時**
  1. 拔下產品插頭，將電源線捆好，並將捆好的電源線掛在產品背面，如圖所示。
  2. 將水箱中的水倒空，用布擦拭水箱並放回原位。
  3. 清潔濾網。
  4. 存放時，請將產品直立放置，並避免陽光直射。
- **注意事項**
  為避免故障或異常聲音，請保持產品直立。
- **抽濕機機身**
  用乾燥柔軟的布擦拭抽濕機。
  要去除重污垢，請用擰乾的布擦拭。(切勿使用濕布清潔控制面板。)
  為避免變形或破裂，請勿使用汽油、稀釋劑或液體清潔劑。
  化學布可能會導致顏色變化或損壞產品。
- **水箱**
  拉出水箱並取出。
  用水清洗水箱內部。
  如果用刷子用力擦洗，水箱可能會被刮傷。
  請勿從水箱中取出浮動桿。
  用布擦乾水箱外部的水，然後將水箱放回原位。
- **後部進氣口(每2週維護一次)**
  當濾網堵塞時，除濕能力會降低。
  從產品上取下後蓋，取下濾網架。然後取出濾網。

在要求維修之前，請檢查以下事項

問題	檢查點	採取措施
無法操作	檢查電源插頭是否斷開	將插頭完全牢固地插入電源插座
	檢查水箱是否滿水	將水箱中的水倒空
	檢查水箱是否未正確放置到位	將水箱正確放置到位
	檢查所有導風板是否關閉	打開導風板
除濕量小	查看濾網是否髒污	按照規定清潔濾網
	檢查出風口是否堵塞	清除出風口中的障礙物
運行時聲音大	檢查產品是否未按照規定安裝	將產品安裝在水平且穩定的地板上
定點除濕時操作停止	檢查室溫是否高於可用操作溫度	當溫度降低時，除濕功能將自動啟動
洗淨衣物未乾	檢查洗淨衣物是否未暴露在產品的氣流中	盡量將洗淨衣物暴露在氣流中
	檢查室溫是否過低	在低溫環境下，洗淨衣物較不易晾乾

注意事項：製冷劑需要在工廠或製造商指定地點填充。

規格表

產品型號	DM140NIW / DM140NKW
電源	220V/50Hz
抽濕量 (公升/每日) - 廠方標準 (30°C, RH80%)	25L/日
抽濕量 (公升/每日) - 能源標籤標準 (26.7°C, RH60%)	14L/日
額定消耗電功率 (W)	250W
防溢裝置容量	6.5L
水箱容量	7.8L
淨重	13kg
尺寸	高600mm x 寬370mm x 深210mm
運行溫度 (°C)	5°C-35°C
製冷劑	R290/80g

註：產品規格以最終實物為準，如有變動，恕不另行通知。

R290製冷劑說明

符號顯示單位的說明。

	警告	此符號表示本設備使用可燃性製冷劑。 如果製冷劑洩漏及暴露於外部點火源下，則具有火災風險。
	注意	此符號表示應仔細閱讀操作手冊。
	注意	此符號表示維修人員應參照安裝手冊處理本設備。
	注意	此符號表示有資訊可供參考，例如操作手冊或安裝手冊。

⚠警告

如有製冷劑相關問題，切勿自行處理，需聯繫惠而浦客服中心或由原廠認證之專業維修服務人員處理，以免發生危險。

⚠ 請勿使用非製造商建議的方法加快除霜過程或進行清潔。

⚠ 產品必須安裝、使用和儲存在室內，大小符合規定室內面積且通風良好的區域。

⚠ 應將設備存放在無持續運作之點火源(例如明火、正在運作之天然氣設備或正在運作之電熱器)的區域。

⚠ 請勿刺穿或燃燒。請注意，製冷劑可能無味。

- 產品必須安裝、使用和儲存在大於4平方公尺的區域。
- 本產品含有R290製冷劑氣體。
- R290是一種符合歐洲環境指令的製冷劑氣體。請勿刺穿製冷劑迴路的任何部分。請注意R290製冷劑是無味的，沒有通常與天然氣和丙烷罐相關的氣味。
- 任何處理或介入製冷劑迴路的人員，均應持有業界公認之評估機構，依據業界公認之評估規範認可他們安全處理製冷劑之能力，而授予現行有效的證書。
- 應僅依據設備製造商的建議進行維修。
- 應在有能力使用可燃性製冷劑之人員的監督下，進行需要其他技術人員協助的保養和維修。
- 管道應符合國家天然氣法規。
- 重複使用擴口接頭時，應重新製作擴口部分。

R290製冷劑說明

1. 運輸含有可燃性製冷劑的設備時，應符合運輸法規。
2. 使用標誌標示的設備，應符合當地法規。
3. 處置使用可燃性製冷劑的設備，應符合國家法規。
4. 應依據製造商的指示存放設備。
5. 存放已包裝(未出售)設備: 存放包裝的保護構造，應能確保包裝內之設備發生機械損壞時不會造成製冷劑洩漏。允許存放在一起的設備數量上限，以當地法規為準。
6. 維修資訊
   - 檢查區域
     在含有可燃性製冷劑的系統開始作業之前，必須進行安全檢查，將引燃風險降到最低。若需要維修製冷系統時，在系統進行作業之前，應遵守以下注意事項。
   - 作業程序
     應依據規定程序進行作業，將進行作業時產生可燃性氣體或蒸氣的風險降到最低。
   - 一般工作區
     - 應將進行之作業的性質告知所有維護人員及在現場工作的其他人員。
     - 應避免在密閉空間中作業。
   - 檢查是否具有製冷劑
     - 在作業之前和作業期間，應使用適當的製冷劑偵測器檢查區域，以確保技術人員瞭解潛在的可燃性氣體。
     - 確保使用的洩漏偵測設備適用於可燃性製冷劑，即無火花、充分密封或本質安全。
   - 具備滅火器
     若需要針對製冷設備或任何相關零件進行任何高溫作業時，應備有適當的滅火設備。在填充區域附近配備乾粉或 CO2 滅火器。
   - 無點火源
     - 在從事必須接觸任何含有或曾經含有可燃性製冷劑之管道的製冷系統相關作業時，不得採用可能會導致火災或爆炸風險的方式使用任何點火源。
     - 在作業期間，可燃性製冷劑可能會釋放至周圍的空間中，應使所有可能的點火源(包括吸菸)遠離安裝、維修、拆卸和處置現場。
     - 在進行作業之前，應檢查設備周圍的區域，以確保沒有可燃危害或引燃風險。
     - 應張貼「禁止吸菸」標誌。
   - 通風區域
     - 在介入系統或進行任何高溫作業之前，請先確保區域位於開放空間或通風良好。
     - 作業期間應維持一定程度的通風。通風的程度應能安全地消散任何釋放的製冷劑，最好能向外排放至空氣中。

・檢查製冷設備

在更換電氣元件時，元件應符合相關用途以及正確的規格。應隨時遵守製造商的保養和維修準則。若有疑問時，請諮詢製造商的技術部門以尋求協助。

應檢查下列使用可燃性製冷劑的設備:

- 實際的製冷劑填充量符合安裝含有製冷劑零件的室內大小
- 通風機械和通風口正常運作，且未受阻礙
- 如果使用間接製冷迴路，應檢查二次迴路是否存有製冷劑
- 設備上的標示持續清晰可見。應修改難以識別的標示和標誌，將製冷管或元件安裝在不太可能會暴露於任何可能會腐蝕含製冷劑元件之物質下的位置，除元件是使用具抗腐蝕性質或受到適當保護以避免腐蝕之材料構成外。

・檢查電氣裝置

電氣元件的維修和保養，應包含初始安全檢查與元件檢查程序。如果存有可能會危及安全的故障時，應先完成妥善處理，再將電源連接至電路。如果無法立即修正故障，但是必須繼續運作，則應採用適當的臨時解決方案。應回報所有的零件，以告知設備所有者。

初始安全檢查應包含:

- 電容器放電: 應採用安全的方式進行，以避免可能會產生火花
- 在充填、回收或迫淨系統時，沒有帶電的電氣元件和接線裸露
- 接地聯結具有連續性

7. 維修密封元件

・在維修密封元件時，應於拆卸設備的密封電源之前，中斷連接所有的電源與設備，然後在最關鍵的點，設置永久運作的洩漏偵測形式，以警告潛在的危險情況。在處理電氣元件時，應特別注意以下事項。未使用會影響防護等級的方式修改外殼。應包括纜線損壞、連接數量過多、端子不符合原始規格、密封損壞、固定頭安裝不正確等。

・確保設備安裝牢固。確保密封或密封材料未發生會導致無法發揮防止可燃性氣體進入之作用的劣化。替換零件應符合製造商的規格。

・附註:使用矽密封劑可能會抑制某些類型之洩漏偵測設備的有效性。在作業前無隔離本質安全元件。

8. 維修本質安全元件

請勿在電路上施加任何永久電感或電容負載，除確定不會超過使用之設備的允許電壓和電流外。本質安全元件是唯一可以在有可燃性氣體之情況下進行活電作業的類型。測試設備的額定值應正確。僅可將元件更換為製造商指定的零件。其他零件可能會因為洩漏而導致製冷劑氣體引燃。

R290製冷劑說明

9.布線

確定布線不會受到磨損、腐蝕、過高的壓力、震動、銳利邊緣，或任何其他不利的環境效應影響。在檢查時應將老化或來自壓縮機、風扇等來源之持續震動的影響納入考量。

10.偵測可燃性製冷劑

在任何情況下，皆不得使用潛在點火源，尋找或偵測製冷劑洩漏。不得使用鹵素燈(或任何其他使用明火的偵測器)。

・洩漏偵測方法

含有可燃性製冷劑的系統可接受以下洩漏偵測方法:

- 應使用電子洩漏偵測器偵測可燃性製冷劑，但是靈敏度可能不足或可能需要重新校正(應在無製冷劑區域校正偵測設備。)
- 確保偵測器非潛在點火源，且適合使用的製冷劑。
- 洩漏偵測設備應設定在製冷劑之燃燒下限(LFL)的百分比，並依據使用的製冷劑進行校正，以及確認適當的氣體百分比(最大 25%)。
- 洩漏偵測流體也適用於大多數製冷劑，但是應避免使用含氯的清潔劑，因為氯可能會與製冷劑產生反應，並腐蝕銅管。
- 如果疑似洩漏時，應移除/熄滅所有的明火。
- 如果發現製冷劑洩漏而需要銅焊時，應先回收系統中的所有製冷劑，或在遠離洩漏處的系統部分隔離製冷劑(透過關斷閥)。

11.移除和排空

為了進行維修或任何其他目的而介入製冷劑迴路時，應採用傳統程序。但是最重要的是遵循最佳做法，因為可燃性是一項考量因素。應遵守下列程序:

- 移除製冷劑
- 使用惰性氣體迫淨迴路
- 排空
- 使用惰性氣體迫淨
- 透過切割或銅焊開啟迴路

・應將製冷劑填充量回收至正確的回收鋼瓶。

・應使用無氧氮氣(OFN)迫淨系統，使設備可以安全容納可燃性製冷劑。

・此過程可能必須多次重複進行。

・不得使用壓縮空氣或氧氣進行此作業。

・應使用中斷方式進行迫淨，以斷開填充至達到工作壓力，然後排放至空氣中，最後抽真空。

・應重複進行此過程，直至系統中沒有製冷劑。

- 使用最終填充時，應將系統排放至大氣壓力以方便作業。
- 若要在管道上進行銅焊作業時，絕對有必要進行此操作。
- 確保真空泵浦的出口未靠近任何潛在點火源，且系統是處於真空狀態，並具有無氧氮氣(OFN)和持續通風。

12. 填充程序

除傳統填充程序外，應遵循下列要求:

- 確保在使用填充設備時不會發生不同製冷劑的汙染。
- 軟管或管線應盡可能地短，以最小化其中的製冷劑量。
- 應依據指示將鋼瓶保持在適當位置。
- 在為系統填充製冷劑之前，確保已將製冷系統接地。
- 在填充完成(如果尚未完成)時標示系統。
- 應特別小心，勿將製冷系統過度填充。

在填充系統之前，應使用無氧氮氣(OFN)進行壓力測試。

在完成填充之後，於試運轉之前，應針對系統進行洩漏測試。

在離開現場之前，應進行追蹤洩漏測試。

13. 卸除製冷劑

在進行此程序之前，技術人員必須完全熟悉設備及其所有細節。

建議的良好做法是安全回收所有的製冷劑。

在進行作業之前，應取得油和製冷劑樣本，以避免在重複使用回收的製冷劑之前需要進行分析。在開始作業之前，必須有電力可供使用。

- 熟悉設備及其運作。
- 隔離系統電力。
- 在嘗試程序之前，請確保:
  - 若有需要時，可以使用機械搬運設備搬運製冷劑鋼瓶,
  - 所有個人防護裝備均可使用，並正確使用,
  - 由合格人員隨時監督回收流程,
  - 回收設備和鋼瓶符合對應的標準。
- 如果有可能，則泵回製冷劑系統。
- 如果無法建立真空時，請製作歧管，以便可以從系統的各個部分移除製冷劑
- 在進行回收之前，確保鋼瓶位於磅秤上。
- 啟動回收機以及依據指示操作。
- 請勿過度填充鋼瓶。(不超過 80 % 體積的液體填充量)。
- 請勿超過鋼瓶的最大工作壓力，即使是短時間也一樣。

R290製冷劑說明

- 在正確填充鋼瓶及完成流程之後，請務必立即從現場移除鋼瓶和設備，並關閉設備上的所有隔離閥。
- 切勿將回收的製冷劑注入另一個製冷系統中，除經過清潔和檢查外。

14. 標籤
- 應在設備上黏貼標籤說明設備已除役，並已清空製冷劑。應在標籤上註明日期及簽名。
- 確保已在設備上黏貼說明設備含有可燃性製冷劑的標籤。

15. 回收
- 因維修或除役而從系統移除製冷劑時，建議的良好做法是安全地移除所有製冷劑。
- 將製冷劑轉移至鋼瓶時，僅可以使用適當的製冷劑回收鋼瓶。確保鋼瓶數量正確，可以容納整體系統填充量。
- 針對回收製冷劑指定所使用的鋼瓶黏貼標籤(即回收製冷劑的特殊鋼瓶)。
- 鋼瓶應配備運作狀態良好的洩壓閥與相關的關斷閥。
- 在回收之前排空與冷卻(如果有可能)回收鋼瓶。
- 回收設備的運作狀態應良好、備有設備相關說明，並適用於回收可燃性製冷劑。
- 應準備經過校正及運作狀態良好的磅秤。軟管應配備無洩漏斷開耦合器，且狀態良好。
- 在使用回收機之前，請確定機器的運作狀態正常、經過妥善維護，且任何相關電氣元件均已密封，以防止因製冷劑釋放而引燃。
- 若有疑問時，請諮詢製造商。
- 應使用正確的回收鋼瓶，將回收的製冷劑送回製冷劑供應商，並安排相關的廢物轉移通知單。
- 請勿將製冷劑混合至回收單元中，尤其是鋼瓶。
- 若需要移除壓縮機或壓縮機油時，請務必排空至可接受的程度，確保可燃性製冷劑不會殘留在潤滑劑中。
- 在將壓縮機送回供應商之前，應進行排空程序。
- 僅能採用對壓縮機本體進行電加熱的方式加快此過程。
- 應使用安全的方式從系統中排油。
- 機器滴落的冷凝水可能會弄濕物品，並造成財產損壞或故障。
- 將通風口保持暢通。
- 不允許採用可重複使用的機械連接器和擴口接頭。

16. 最大製冷劑填充量

型號	製冷劑量 (g)
DM140NIW / DM140NKW	80g

Dear Customer,

Thank you for choosing Whirlpool's dehumidifier. We are committed to providing you with the best service, making your home life even more convenient. Please read this user manual carefully and keep it for future reference or service needs. The final product specifications are based on the actual product. Specifications are subject to change without prior notice.

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Please read this manual carefully before using the product.



A3

This product contains highly flammable R290 refrigerant.
If the refrigerant leaks and comes into contact with an external ignition source, there may be a risk of fire make sure to read the installation guide first.



Before using this product,
Please review the user manual before operating.



Before installing this product,
make sure to read the installation guide first.



Before servicing this product,
please consult the maintenance manual ahead of time.

Important Safety Instructions

Please read and keep these important safety instructions.

To help reduce the risk of fire, electric shock, or injury, always follow the safety precautions outlined in this manual when using this product, including the following:

⚠ Warning

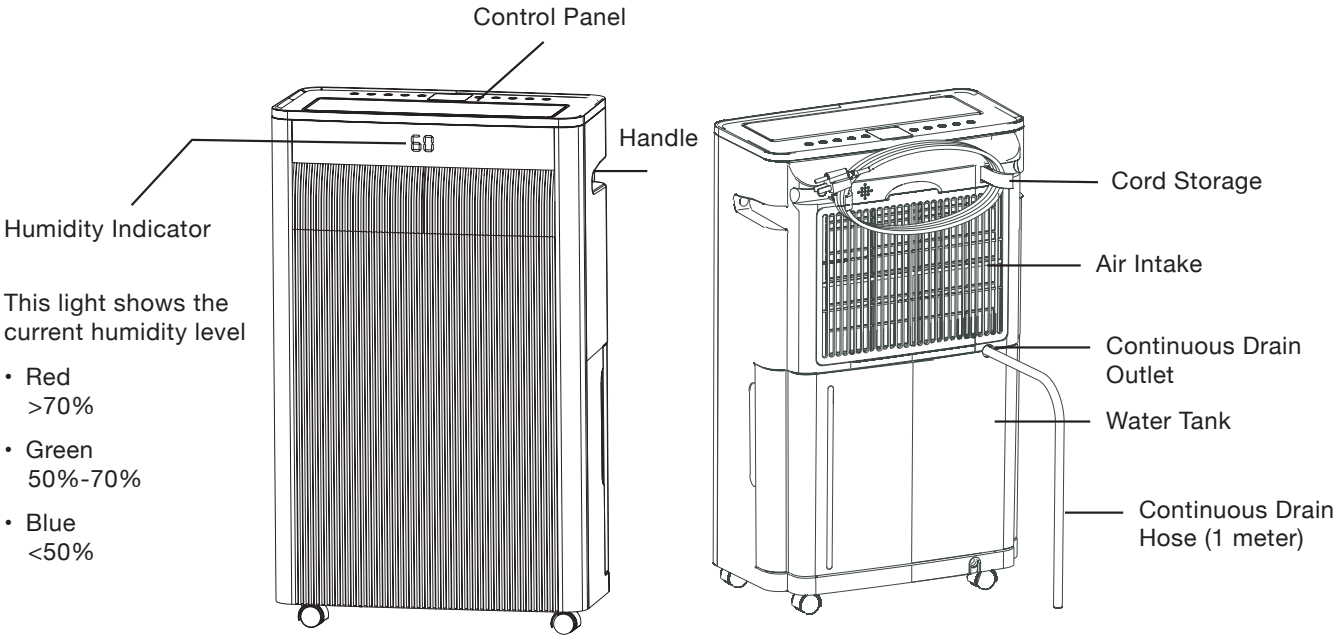
To avoid risk of electric shock, fire, or injury, always unplug the product from the power outlet before moving, servicing, or cleaning it.

- Use this product only as described in this manual. Any other use not recommended by the manufacturer may result in fire, electric shock, or injury.
- This product should not be used by individuals (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they are supervised or instructed by a person responsible for their safety.
- Do not place any items on top of the product.
- Always supervise children to make sure they do not play with the product.
- Do not cover the product while it is in use.
- Never submerge the product in water.
- Handle water collected from the product with care. This water is not safe for drinking.
- Make sure there is enough space around the product for proper operation.
- Keep away from child under 3 years old or pets unless under supervision.
- Do not leave children alone or unsupervised when the product is in use.
- Cleaning and maintenance should not be performed by children unless they are constantly supervised by an adult.
- Always keep the product upright during placement. Do not tilt or tip it over. To prevent damage, set the product on a stable, dry surface.
- Do not place the product against walls or other appliances.
- Do not cover the product or block the air intake or exhaust while in use.
- Never operate the product with wet hands.
- Do not use this product near water, such as in bathrooms, showers, or by pools.
- Never place the product where it could fall into a bathtub or any other water container.
- Keep water or any liquids from getting inside the product, as this could lead to fire or electrical hazards.
- Do not use mechanical devices to speed up the defrosting process.
- When temperature is below 1Celsius, do not put water hose outdoor.

Safety Precautions

- Never operate this product without the air filter properly installed.
- This product is intended for indoor use in homes and similar environments only. Do not use outdoors.
- Always keep an eye on the product while it' s running. Turn it off and unplug it when not in use.
- Keep the power cord out of walkways to prevent tripping hazards. Do not place the cord under carpets or cover it with rugs, runners, or similar items.
- To prevent overloading the circuit, avoid plugging other high-voltage devices into the same outlet.
- Do not use extension cords or adapters with this product.
- Never connect external programmers, timers, or any automatic activation devices to this product unless the manufacturer has already built in that feature.
- Do not pull on the power cord. Never use the cord to move or hang the product.
- Avoid twisting or wrapping the cord and plug around the product, as this can weaken or damage the insulation, especially where the cord enters the unit.
- This product is designed to be used only with the included power adapter. Using other chargers or adapters may damage the product and its battery.
- Do not operate the product without the water tank installed. Before use, make sure the main power cord is fully extended.
- And arrange the power cord so it doesn' t touch any part of the product.
- Never operate the product with any safety guard removed. Do not attempt to repair or adjust any electrical or mechanical components inside the product, as this may be unsafe and will void your warranty.
- Make sure the main power supply-voltage, frequency, and wattage-matches the ratings shown on the product label.
- Do not use the product near gasoline, paint, flammable gases, ovens, or other heat sources.
- Never insert fingers or metal objects into the vents or openings of the product.
- If you notice any damage to the product, power cord, or included accessories, do not use the product. If the power cord is damaged, it must be replaced by the manufacturer, their service agent, or similarly qualified personnel to avoid risk.

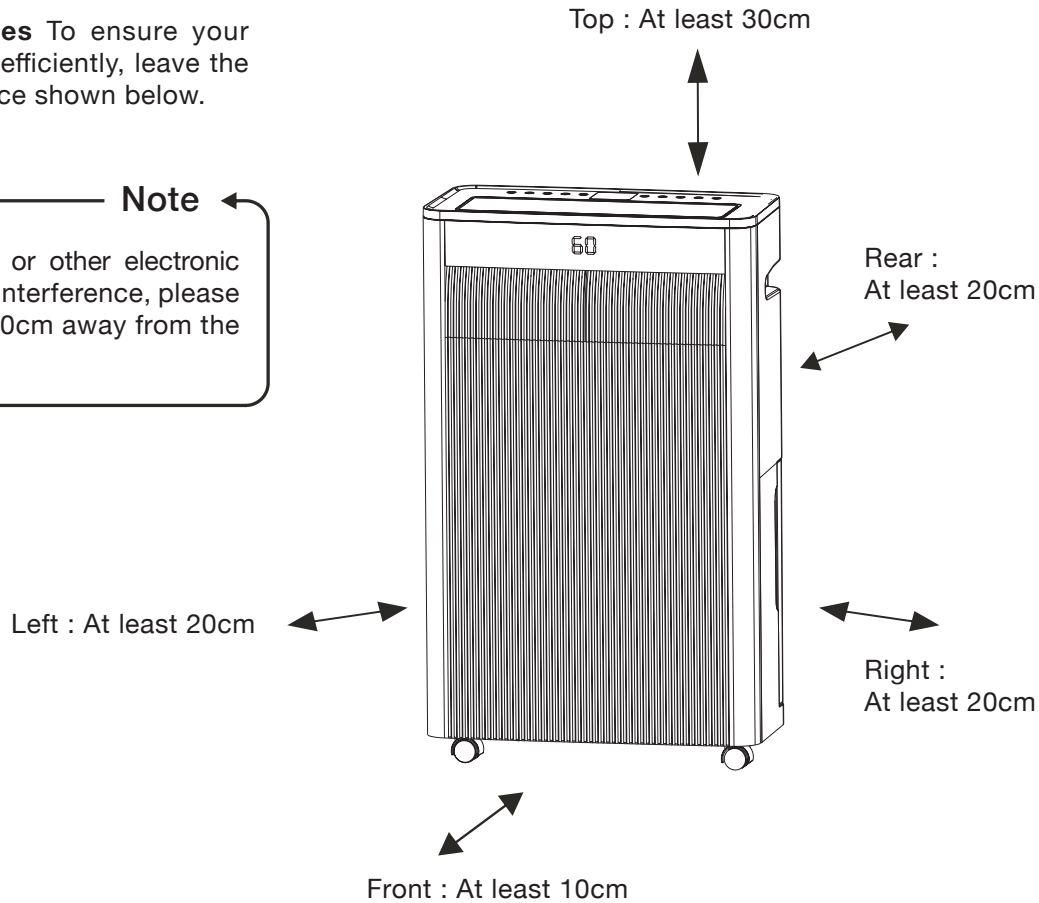
Main Unit (Front)



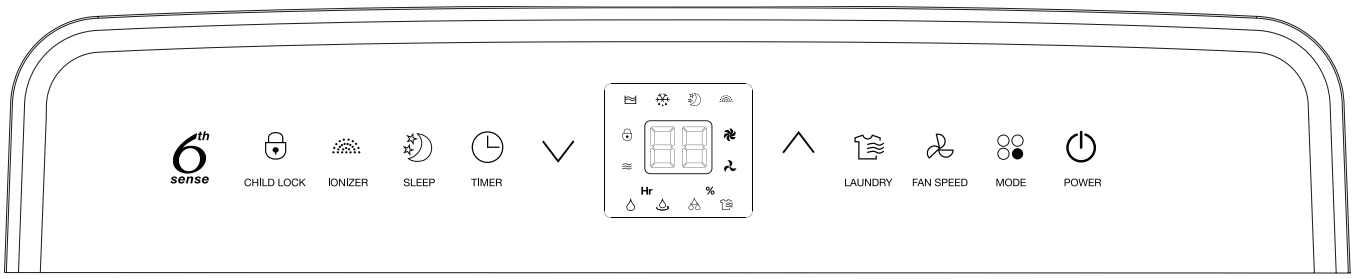
Installation Guidelines To ensure your dehumidifier operates efficiently, leave the recommended clearance shown below.

Note

If televisions, radios, or other electronic devices are causing interference, please keep them at least 70cm away from the dehumidifier.



Control Panel Operations



Indicator lights

Child Lock | Ionizer | Sleep | Air Circulation | Laundry | Low Fan Speed

Water Full | Defrost | Daily Dehumidify | Continuous Dehumidify | Strong Dehumidify | High Fan Speed

Power On/Off

Press the power button to turn the dehumidifier on or switch it to standby. Once powered on, the display will show the mode indicator and the current room humidity.

Mode Settings

Press this button repeatedly to cycle through the available modes: Normal, Continuous, Turbo, and Fan Only. The display will show a light for the selected mode.

Daily Dehumidification Mode

The unit will operate based on your selected humidity level. When the room reaches your target humidity, dehumidification will automatically pause.

Continuous Dehumidification Mode

The dehumidifier will run continuously. The fan will operate at low speed and cannot be adjusted.

Strong Dehumidification Mode

Humidity level 30%. Operate till humidity level reached 30%. Default high fan speed which cannot be adjusted.

Fan Mode

The compressor will pause and dehumidifying will stop. Press the fan speed button to adjust airflow. For fresher air, we recommend turning on the ionizer at the same time.

Laundry Mode

The unit will continue dehumidifying while the fan runs at high speed. Fan speed cannot be adjusted in this mode.

∨ ∧ Humidity Settings

Press “Λ” or “V” to set humidity level between 30% - 80% (steps of 5%). During setting, LED on control panel will flash. 5 sec after setting is done, LED will return to normal. After setting humidity level, compressor will continue to operate until humidity level is below set level or water tank is full. Note : Humidity level can only be set while in Daily Dehumidifying mode.

Fan Speed Settings

Press the ‘Fan Speed’ button to switch between high and low speeds. The display will show the corresponding indicator light. You can adjust the fan speed while in the standard dehumidifying mode.

Time Adjustment

To set On/Off timing, press Timer icon. Set time 1-24 hrs.

- To set the power-on timer: When the dehumidifier is off, gently tap the timer button, then press “V” or “Λ” until you reach the desired number of hours before turn-on. Once set, the timer light will illuminate.
- To set the power-off timer: When the dehumidifier is on, gently tap the timer button, then press “V” or “Λ” until you reach the desired number of hours before shut-off. Once set, the timer light will illuminate.

Sleep Mode Settings

To activate sleep mode, press the Sleep button while the appliance is operating in any mode. All lights will turn off except for the sleep light, full water light, and child lock light. Pressing any button during sleep mode will perform its function and wake up the machine.

Ionizer Function

To use the ionizer purification feature, press the ‘Ionizer’ button. The indicator light will illuminate. This function can operate independently and is available to select in any mode.

Child Safety Lock

Press Child Safety Lock for 3 sec to activate. When activated, LED light on control panel will be lighted. To deactivate, press Child Safety Lock once.

Defrost Function

When frost forms on the evaporator coil, the automatic defrost function will activate. The compressor will shut off while the fan continues to run until the frost is cleared.

Full Tank Indicator

When the water tank is full, it stops operating, and the louver holds at its latest position. Empty the water tank, reinstall it in the correct position and then resume operation.

Note: The full tank indicator will also light up if the tank is removed or not properly positioned.

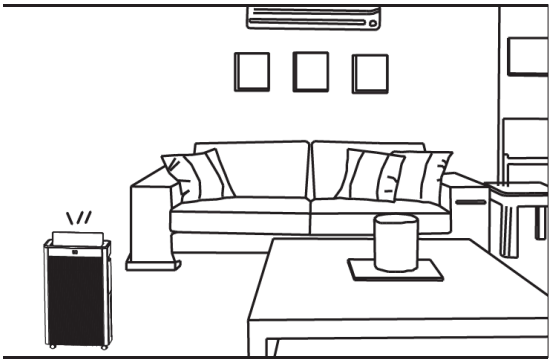
Auto Restart

If the product shuts off unexpectedly due to a power outage, it will automatically restart with the previous settings once power is restored. If a timer was set before the outage, the auto restart function will be disabled.

Function Selection & Use

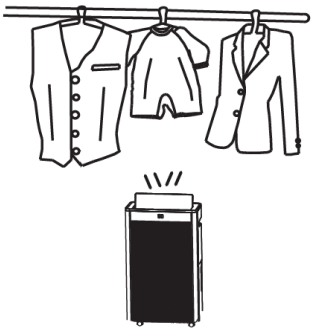
Daily Dehumidify Mode

- Dehumidifies your room to a cozy humidity level
- Reduces room humidity to help prevent ceiling or wall condensation and mold.



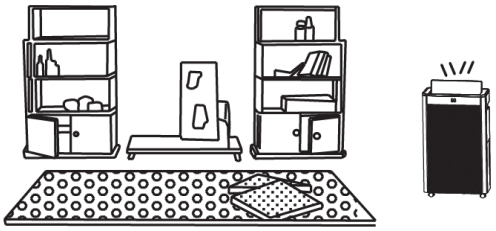
Laundry Mode

Dehumidify freshly washed laundry



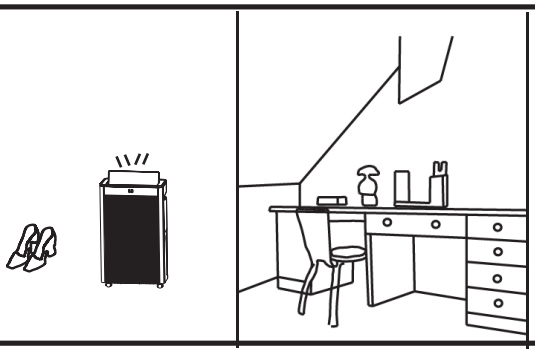
Strong Dehumidifying

Dehumidify Carpets



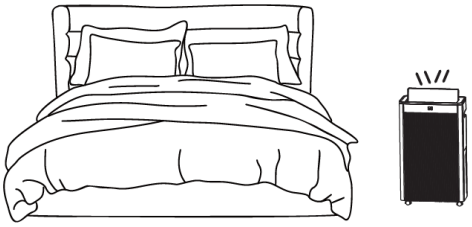
Continuous Mode

Dehumidify Small Spaces or Shoes



Sleep Mode

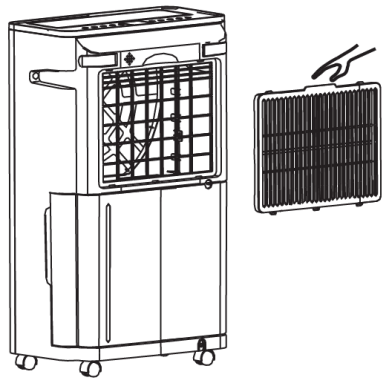
Keeps your bedroom dry and comfortable



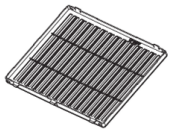
Setting Up the Air Filter

Filter Installation

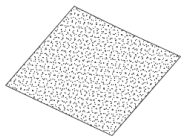
1.Remove Back panel



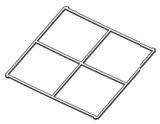
2.Installation



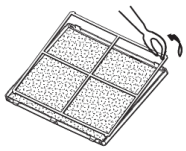
Washable Pre-Filter



Activated Carbon Filter

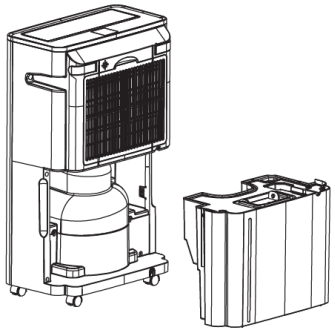


Filter Frame



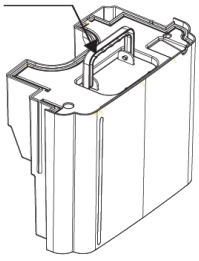
- Remove the activated carbon filter from its plastic bag, place it into the filter frame,then attach the frame to the back cover and reinstall the back cover.
- If not installed properly, the back cover cannot be secured to the device.
- Note: Both the activated carbon filter and its frame are optional accessories.
- Do not wash the activated carbon filter with water; replace it once a year for best performance. Environments with heavy dust or indoor smoking will shorten the filter' s lifespan.
- The pre-filter can be rinsed with water, but be sure it is completely dry before reusing.

- For routine care, gently vacuum dust off the filters as needed. Excessive suction, especially on the activated carbon filter, may cause damage.
- Please ensure the water tank is properly installed.
  Your dehumidifier will not operate if the tank is full or not installed correctly.
- How to Remove
  Grip the indented section of the water tank and gently pull it.
- How to Install
  Gently slide the water tank in horizontally. The handle will lower automatically.



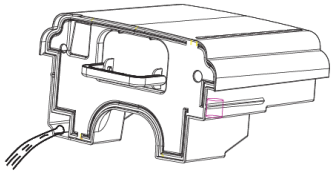
How to Pour Out Water from the Tank

1. Remove water tank from appliance
2. Lift water tank gently with the handle provided.
3. Tilt water tank gently and empty water accordingly.
4. Put back water tank into appliance.



Note

During operation, water will fill up in the water tank. When water tank is full, Dehumidifier will stop operating and buzzer will be sounded. During operation, if water is removed, buzzer will sound for 20 sec.

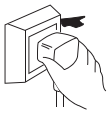


Maintenance & Care

Warnings & Precautions



To reduce the risk of electric shock, never plug in or unplug with wet hands. Do not operate with wet hands.



Turn off the product and unplug it before cleaning or performing any routine maintenance.



Do not remove the float rod from the water tank.

- **If the product will not be used for an extended period**

1. Unplug from socket, coil power cable and store at the back of appliance.
2. Empty water tank. Wipe dry with cloth and put back accordingly.
3. Clean filter.
4. When storing, ensure appliance in upright position. Avoid direct sunlight.

- **Important Notes**

To prevent malfunctions or unusual noises, always keep the product upright.

- **Dehumidifier Body**

Wipe the dehumidifier with a soft, dry cloth.

For stubborn dirt, use a well-wrung cloth to clean. (Never use a wet cloth on the control panel.)

To avoid warping or cracking, do not use gasoline, thinner, or liquid cleaners.

Chemical cloths may cause discoloration or damage to the product.

- **Water Tank**

Slide out the water tank to remove it.

Rinse the inside of the water tank with clean water.

Scrubbing the tank too hard with a brush may scratch the surface.

Do not remove the float rod from the water tank.

Wipe off any water on the outside with a cloth, then place the tank back in position.

- **Back air inlet (maintain every 2 weeks)**

If the filter is clogged, dehumidification performance will decrease.

Remove the back cover from the unit, take out the filter frame, and then remove the filter.

Troubleshooting Guide

Please check the following before requesting service

Issue	Checklist	Solution
Not Operating	Check if the power plug is disconnected	Insert the plug firmly and securely into the outlet
	Check if the water tank is full	Empty the water from the tank
	Make sure the water tank is properly in place	Secure the tank correctly in position
	See if all air louvers are closed	Open the air louvers
Low Dehumidification	Check if the filter is dirty	Clean the filter as recommended
	See if the air outlet is blocked	Remove any obstructions from the air outlet
Loud Operating Noise	Verify that the product is installed according to instructions	Place the unit on a flat and stable surface
Dehumidification stop operating	Check if the room temperature exceeds the recommended operating range	The dehumidifying function will resume automatically as the temperature drops
Laundry Not Drying	Make sure the washed clothes are exposed to the airflow	For best results, place washed clothes directly in the airflow
	Check if the room temperature is too low	Clothes may take longer to dry in low temperatures

Note: Refrigerant must be refilled at a location specified by the factory or manufacturer.

Specifications

Model Number	DM140NIW / DM140NKW
Power Supply	220V/50Hz
Capacity (L/D) - Mfy. (30°C, RH80%)	25L/day
Capacity (L/D) - EMSD (26.7°C, RH60%)	14L/day
Rated Power Consumption (W)	250W
Overflow Protection Capacity	6.5L
Water Tank Capacity	7.8L
Net Weight	13kg
Dimensions	H 600mm x W 370mm x D 210mm
Operating Temperature (°C)	5°C-35°C
Refrigerant	R290/80g

Note: Product specifications are subject to the actual item. Changes may occur without prior notice.

R290 Instructions

Explanation of the symbols shown on the unit.

	Warning	This symbol indicates that the unit uses flammable refrigerant. If refrigerant leaks and comes into contact with an open flame, it can cause a fire hazard.
	Note	This symbol means you should carefully read the user manual.
	Note	This symbol indicates that service technicians should refer to the installation manual when working on this equipment.
	Note	This symbol shows that additional information is available, such as in the user or installation manual.

⚠ Warning

If you encounter any refrigerant-related issues, do not attempt to resolve them yourself. Please contact Whirlpool Customer Service or an authorized professional technician to avoid potential hazards.

⚠ Do not use methods not recommended by the manufacturer to speed up defrosting or for cleaning.

⚠ This product must be installed, used, and stored indoors, in a properly ventilated space that meets the required area specifications.

⚠ Store the unit away from any ongoing sources of ignition, such as open flames, operating gas appliances, or electric heaters in use.

⚠ Do not puncture or burn. Keep in mind that refrigerant may be odorless.

- Product must be installed, used and stored in an area of 4sqmetre.
- This product contain R290 refrigerant.
- R290 is a refrigerant gas that complies with European environmental directives. Do not punctual any part of circuit. R290 is odourless and not typically associated with natural gas or Propane.
- Anyone who handles or works on the refrigerant circuit must hold a current, valid certificate issued by an industry-recognized assessment body, verifying their ability to safely manage refrigerants in line with industry standards.
- Repairs should only be performed according to the equipment manufacturer’s recommendations.
- Maintenance and repairs that require assistance from other technicians must be overseen by personnel qualified to work with flammable refrigerants.
- Piping must comply with national natural gas regulations.
- When reusing flared fittings, the flare section should be remade.

R290 Instructions

1. When transporting equipment containing flammable refrigerants, make sure to comply with all transportation regulations.
2. Equipment with signage or labels must meet all applicable local regulations.
3. Disposal of equipment containing flammable refrigerants must follow national laws and regulations.
4. Store equipment according to the manufacturer's instructions.
5. For storing packaged (unsold) equipment: Protective packaging must be designed to prevent refrigerant leaks in case of mechanical damage. The maximum number of units stored together should comply with local regulations.
6. Maintenance Information
   - Before starting work on any system containing flammable refrigerant, conduct a thorough safety check to minimize ignition risks. If maintenance is required, follow these guidelines before beginning any operation.
   - Procedures should be carried out as prescribed to reduce the possibility of flammable gases or vapors being generated during work.
   - General Work Area
     - Inform all maintenance staff and other onsite personnel about the nature of the work being performed.
     - Avoid working in confined spaces.
   - Check for refrigerant presence
     - Use suitable refrigerant detectors to check the area both before and during operations, ensuring technicians are aware of any potential flammable gases.
     - Make sure leak detection equipment is appropriate for flammable refrigerants-non-sparking, fully sealed, or intrinsically safe.
   - Fire extinguisher availability

     If any high temperature works required on refrigeration equipment, appropriate fire extinguishing equipment should be available. Dry powder or CO2 extinguishers should be near.
   - No Ignition Sources
     - When working on refrigeration systems where pipes contain or have contained flammable refrigerant, do not use any ignition sources or methods that could create a fire or explosion hazard.
     - During maintenance, flammable refrigerant may be released into the area. Keep all possible ignition sources-including smoking-away from installation, repair, removal, and disposal sites.
     - Before starting work, inspect the area around the equipment to make sure there are no flammable hazards or ignition risks.
     - Post "No Smoking" signs.
   - Ventilated Areas
     - Before accessing the system or beginning any high-temperature work, ensure the area is open or well-ventilated.
     - Keep the area well-ventilated throughout the operation. Ventilation should be sufficient to safely disperse any released refrigerant, ideally exhausting it to the outside air.

• Inspect Cooling Equipment

When replacing electrical components, make sure each part matches its intended use and the correct specifications. Always follow the manufacturer's maintenance and repair guidelines. If you' re unsure, contact the manufacturer's technical support for assistance. Check the following equipment that uses flammable refrigerants:

- The actual refrigerant charge is appropriate for the size of the room with refrigerant-containing parts.
- Ventilation systems and vents are operating properly and are unobstructed.
- If using an indirect cooling circuit, check if the secondary loop contains refrigerant.
- Labels and markings on the equipment remain clear and visible. Update any labels or signs that are difficult to identify. Install pipes or parts in places where they are unlikely to be exposed to substances that could corrode refrigerant components, unless those parts are made of corrosion-resistant materials or are properly protected.

• Inspect Electrical Equipment

Maintenance and repair of electrical components should include initial safety checks and component inspection procedures. Any faults that could pose a safety risk must be properly addressed before restoring power to the circuit. If immediate repair is not possible but operation must continue, appropriate temporary measures should be implemented. All parts should be reported to inform the equipment owner.

Initial Safety Checks Should Include:

- Discharging capacitors safely to prevent any sparks from occurring.
- Ensuring there are no exposed live electrical components or wiring during charging, recovery, or system purging.
- Verifying the continuity of the grounding connections.

7. Repair Sealed Components

• When repairing sealed components, always disconnect all power sources and equipment before removing any sealed electrical supply. At the most critical point, install a permanent leak detection system to alert you to potential hazards. When handling electrical components, pay close attention to the following: do not modify enclosures in ways that compromise protective ratings. This includes damaged cables, excessive connections, terminals not matching original specs, seal damage, or improperly installed fittings.

• Ensure the equipment is securely installed. Make sure seals or sealing materials remain intact and effective in preventing flammable gases from entering. Replacement parts must meet the manufacturer's specifications.

• Note: Using silicone sealant may reduce the effectiveness of certain types of leak detection devices. Intrinsically safe components must not be isolated before beginning work.

8. Servicing Intrinsically Safe Components

Do not apply any permanent inductive or capacitive loads to the circuit unless you are certain they will not exceed the allowable voltage and current for the equipment. Only intrinsically safe components can be serviced live when flammable gases are present. Make sure to use testing equipment with the correct ratings. Replace components only with those specified by the manufacturer; using other parts may cause refrigerant leaks that could ignite.

9. Wiring

Make sure the wiring is protected from wear, corrosion, excessive pressure, vibration, sharp edges, and any other environmental hazards. When inspecting, take into account aging as well as ongoing vibration from sources like compressors and fans.

10. Detecting Flammable Refrigerant

Never use potential ignition sources to locate or detect refrigerant leaks under any circumstances. Do not use halogen lamps or any other detectors that involve open flames.

• Leak Detection Methods

The following leak detection methods are acceptable for systems containing flammable refrigerant:

- Use an electronic leak detector to check for flammable refrigerant, though sensitivity may be insufficient or recalibration may be necessary (calibrate the detection equipment in an area without refrigerant).
- Make sure the detector is not a potential ignition source and is suitable for the refrigerant in use.
- Set the detection equipment to a percentage of the refrigerant' s lower flammability limit (LFL).Calibrate according to the refrigerant used and confirm appropriate gas percentage (no more than 25%)
- Leak detection fluids can be used with most refrigerants, but do not use cleaners containing chlorine, as it may react with the refrigerant and damage copper tubing.
- If a leak is suspected, remove or extinguish all open flames.
- If you need to braze copper due to a refrigerant leak, first recover all refrigerant from the system or isolate the refrigerant in a section far from the leak (using shut-off valves).

11. Removal and evacuation

When servicing or working on the refrigerant circuit for any reason, follow standard procedures. The key is to always practice best safety methods, as flammability is a concern. Please adhere to the following steps:

- Remove refrigerant
- Purge the circuit with inert gas
- Evacuate
- Purge with inert gas
- Open the circuit by cutting or brazing

• Recover the refrigerant to the correct recovery cylinder.

• Use oxygen-free nitrogen (OFN) to purge the system for safe handling of flammable refrigerants.

• This process may need to be repeated several times.

• Do not use compressed air or oxygen for this operation.

• Use an interrupted purging method: pressurize with inert gas up to operating pressure, release the gas into the atmosphere, and then pull a vacuum.

• Repeat this process until no refrigerant remains in the system.

• When performing the final charging process, make sure to release system pressure to atmospheric level for easier handling.

- If copper brazing is required on piping , this step is absolutely essential.
- Ensure the vacuum pump exhaust is kept away from any possible ignition sources, and that the system remains under vacuum, and filled with oxygen-free nitrogen (OFN) while maintaining continuous ventilation.

12. Charging procedure

In addition to the standard filling procedure, please follow these additional requirements :

- Be sure to prevent cross-contamination of refrigerants when using charging equipment.
- Keep hoses or tubing as short as possible, to minimize the amount of refrigerant inside them.
- Position the cylinder properly as instructed.
- Before charging the system with refrigerant, make sure the refrigerant system is properly grounded.
- Label the system once charging is complete (or if it is not yet finished).
- Take special care, not to overcharge the refrigeration system.

Before charging the system, a pressure test with oxygen-free nitrogen (OFN) must be performed.

Once charging is complete, and prior to initial operation, perform a leak check on the system.

Before leaving the site, conduct a follow-up leak test.

13. Removing refrigerant

Before starting this procedure, technician must be familiar with the equipment and details.

It is recommended as best practice to safely recover all refrigerant.

Before beginning the process, obtain oil and refrigerant samples, to avoid the need for analysis before reusing recovered refrigerant.

- Before work starts, ensure that power is available.
- Be familiar with the equipment and how it operates.
- Disconnect power to the system.
- Before starting, make sure of the following :
  - If necessary, mechanical handling equipment is available for moving refrigerant
  - All personal protective equipment is accessible and being used correctly.
  - A qualified person is supervising the recovery process at all times,
  - Recovery equipment and cylinders meet all relevant standards.
- If possible return the refrigerant to the system.
- If a vacuum cannot be established, set up a manifold so refrigerant can be removed from all parts of the system
- Before starting the recovery process, ensure the cylinder is stable.
- Start the recovery machine and follow the instructions for use.
- Do not overfill cylinder (no more than 80% should be filled)
- Never exceed the cylinder' s maximum working pressure, even for a short period.
- After properly filling the cylinders and completing all procedures, immediately remove the cylinders and equipment from the site, and shut off all isolation valves on the equipment.

- Never recharge recovered refrigerant into another refrigeration system unless it has first been cleaned and inspected.

14. Label

- Attach a label to the equipment indicating it has been decommissioned and the refrigerant has been removed. The label should include the date and your signature.
- Ensure a label is placed on the equipment to indicate it contains flammable refrigerant.

15. Recovery

- When removing refrigerant from a system for servicing or decommissioning, it is recommended to safely extract all refrigerant from the system.
- When transferring refrigerant to cylinders, use only approved refrigerant recovery cylinders. Make sure you have enough cylinders to hold the entire system' s charge.
- Attach a label to each designated recovery cylinder used for reclaimed refrigerant (these are cylinders specifically intended for refrigerant recovery).
- Ensure each cylinder is equipped with a properly functioning pressure relief valve and appropriate shut-off valves.
- Before recovery, empty and, if possible, cool the recovery cylinder.
- All recovery equipment should be in good working order, include relevant operating instructions, and be suitable for handling flammable refrigerants.
- Have a calibrated and properly functioning scale on hand. Hoses must be fitted with leak-free disconnect couplers and remain in good condition.
- Before using the recovery unit, make sure the equipment is operating normally, has been well maintained, and all electrical components are securely sealed to prevent ignition from refrigerant release.
- If you have any questions, contact the manufacturer.
- Use the correct recovery cylinders to return reclaimed refrigerant to the supplier, and arrange for any required waste transfer documentation.
- Never mix refrigerants in the recovery unit, especially in the cylinders.
- If you need to remove the compressor or compressor oil, be sure to evacuate thoroughly to prevent any flammable refrigerant from remaining in the lubricant.
- Evacuation must be performed before returning the compressor to the supplier.
- Only electrical heating applied directly to the compressor body may be used to speed up the process.
- Use safe methods to drain oil from the system.
- Condensate dripping from the machine may cause items to get wet, resulting in property damage or malfunction.
- Keep vents clear at all times.
- Reusable mechanical connectors and flared joints are not allowed.

16. Maximum Refrigerant Capacity

Model Number	Refrigerant Amount (g)
DM140NIW / DM140NKW	80g

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