

  
Since 1954

## DH HP Series 悅享除濕系列

淨化型熱回收除濕一體機  
Centralized Dehumidifiers with Heat  
Recovery and Purification





## 70多年來為全球用戶提供最佳空氣解決方案

More than 70 years providing optimal air solutions to global users

威特奇集團自1954年在米蘭成立以來，已成為通風、空調、空氣清潔和供暖的代名詞。Vortice®在義大利、英國、中國、拉美、西班牙及世界各地的眾多國家開展業務。威特奇集團一直致力於新產品的研發，並在此方面投入了大量資金以確保產品的可靠性、實用性及美觀性。正是基於該前瞻策略使Vortice®品牌在全球同行業市場上佔據重要地位。至今，Vortice®威特奇每年出產400多種通風、供熱產品，具備歐洲最大通風實驗室之一，產品多次榮獲歐洲工業產品設計大獎。

Established in Milan since 1954, the Vortice® name has become synonymous with ventilation, air conditioning, air cleaning and heating. Vortice operates in Italy, UK, China, Latam, Spain and numerous agencies throughout the world. Vortice has been dedicated to develop new products and ensure the reliability, practicality and aesthetics of products. Based on these, Vortice has achieved leadership in the European market. Till now, Vortice produces over 400 kinds of ventilation and heating products for domestic, commercial and industrial applications. It owns one of the biggest ventilation lab in Europe and has achieved several times the “Compasso d’Oro”, an European Industrial product design award.



**VORTICE UK Ltd**是VORTICE S.p.A.的英國子公司，成立於1977年，位於特倫特河畔伯頓。

**VORTICE UK Ltd**, english subsidiary of VORTICCE S.p.A. established in 1977 with head-office in Burton on Trent.

**VORTICE S.p.A.**總部位於特裡比亞諾（米蘭），成立於1954年。

**VORTICE S.p.A.**, headoffice located in Tribiano (Milan), founded in 1954.

渦風通風系統（常州）有限公司成立於2013年，位於中國常州。

**Vortice Ventilation System (Changzhou) Co., LTD** inaugurated in 2013 with headoffice in Changzhou, China.

**VORTICE Latam**，位於哥斯大黎加阿拉胡艾拉，成立於2012年。

**VORTICE Latam**, based in Alajuela, Costa Rica, founded in 2012.

**CASALS VENTILACIÓN AIR INDUSTRIAL S.L.** 歷史悠久的西班牙品牌於2019年被收購位於赫羅納的聖瓊島。

**CASALS VENTILACIÓN AIR INDUSTRIAL S.L.** historic Spanish brand, based in Sant Joan de les Abadesses Girona, was acquired in 2019.

# 室內空氣污染的危害

The Hazards of Indoor Air Pollution

## 裝修和家居殘留的甲醛、苯、TVOC等

Formaldehyde, Benzene, TVOC, and other residues from home decoration

## 潮濕很容出現塵蟎、異味、霉菌

Mites, odors, and mold are easily found in humid environments

## 來自室外的PM2.5灰塵、霧霾等

PM2.5 dust, haze, and other pollutants from outside



# 專注於解決室內空氣問題

Focusing on solving indoor air problems

## 提供新鮮空氣

### Provide Fresh Air

室外空氣經過過濾進入室內，不用開窗也能享受大自然的新鮮空氣

Outdoor air is filtered before entering the indoor space, allowing you to enjoy fresh air from nature without having to open windows.

## 低碳節能降耗

### Low Carbon, Energy-saving, and Consumption Reduction

能量回收，最大程度減少夏季或冬季室內的冷源和熱源損失，減少室內的能耗

Energy recovery reduces the loss of cooling or heating sources in the indoor space during summer or winter, thereby reducing indoor energy consumption.

## 殺菌

### Sterilization

採用光氫離子、紫外線UV、等離子、光觸媒殺菌等多種殺菌方式，對細菌類型無甄別殺菌率大於99.9%

Using various sterilization methods such as photohydrogen ion, UV light, plasma, and photocatalytic sterilization, with a kill rate of over 99.9% for all types of bacteria.



## 人體病源CO2、皮膚、黏膜及其分泌物

Human pathogens such as O2, skin, mucous membranes, and their secretions

## 二手煙中含有多種致癌物質

Secondhand smoke contains a variety of carcinogens

### 防塵防霉

#### Dust and Mildew Prevention

避免開窗帶來大量的灰塵，去除濕氣防止發黴，有利於延長建築及傢俱的使用壽命

Avoiding the entry of a large amount of dust through open windows, removing moisture to prevent mold, and promoting the extended lifespan of buildings and furniture

### 減少噪音污染

#### Reduce Noise Pollution

無需忍受開窗通風帶來的紛擾，使室內更安靜舒適

No need to endure the disturbance caused by opening windows for ventilation, making the indoor space quieter and more comfortable

### 清除有害氣體

#### Remove Harmful Gases

清除室內裝飾後長期緩釋的有害氣體，甲醛、苯、氨等

Remove long-term slowly released harmful gases such as formaldehyde, benzene, and ammonia after indoor decoration

# DH HP Series 悦享除濕系列

## 淨化型熱回收除濕一體機

Centralized Dehumidifier with Heat Recovery and Purification



強勁除濕

Powerful Dehumidification



多層過濾·醫療級淨化

Medical Grade Purification



高效直流風機

High-Efficiency DC Fan



智能家居集控

Modbus centralized control



雙排水口設計

Pure Ecological Sterilization

型號	DH HP 38	DH HP 58	DH HP 88	
編號	81616	81617	81618	
除濕量	38L/D	58L/D	85L/D	
電壓	220V/50Hz/60Hz			
除濕量測試工況	T=30°C · RH=80%			
額定功率	1050W	1150W	1600W	
最大電流	3.9A	5.3A	7.7A	
室內送風量	350m <sup>3</sup> /h	450m <sup>3</sup> /h	600m <sup>3</sup> /h	
排風量	200m <sup>3</sup> /h	300m <sup>3</sup> /h	350m <sup>3</sup> /h	
新風量	350m <sup>3</sup> /h	450m <sup>3</sup> /h	600m <sup>3</sup> /h	
機外餘壓	80Pa	80Pa	80Pa	
噪音	45dB	48dB	55dB	
室外新風口接管	Φ160mm	Φ160mm	Φ200mm	
室外排風口接管	Φ160mm	Φ160mm	Φ200mm	
室內送風口接管	Φ160mm	Φ160mm	Φ200mm	
室內回風口接管	Φ160mm	Φ160mm	Φ200mm	
熱交換：冷量回收/熱量回收效率	56% / 61%	56% / 61%	56% / 61%	
過濾裝置	新風：初效+高效 排風：初效			
適用溫度	5-35°C			
控制方式	智能自動控制器			
防水等級	IPX4			
製冷劑	R407C	R410A	R410A	
機身尺寸	1300*700*280mm	1400*660*320mm	1530*710*390mm	
適用面積	30-60m <sup>2</sup>	50-100m <sup>2</sup>	90-180m <sup>2</sup>	
功能配置 √ 標配 × 無配置	殺菌	√	√	√
	直流	√	√	√
	石墨烯芯體	√	√	√
	WIFI	√	√	√
	PM2.5	√	√	√
	溫濕度	√	√	√

## ○ 產品優勢 Powerful Dehumidification



### 強勁除濕 Powerful Dehumidification

採用知名壓縮機製冷除濕系統，全屋除濕，無懼潮濕季節

Adopting Well-Known Brand Compressor refrigeration dehumidification system, it provides whole-house dehumidification, unafraid of the challenges of humid seasons.



### 納米炭金熱回收技術 Nanometer Carbon Gold Heat Recovery Technology

與知名高校新材料研發教授團隊共同研發的納米炭金膜，一種全新的熱回收技術，熱回收效率更高，壽命更長，可水洗清潔迴圈使用

Co-developed with a team of professors specializing in new material research from renowned universities, this technology features a nanometer carbon gold film. It represents a new heat recovery method with higher efficiency and longer lifespan, which can be washed and cleaned for reuse.



### 純生態殺菌技術 Pure Ecological Sterilization

採用光氫離子殺菌技術，光化反應——分解污染物、滅菌；離子化反應——氧化還原乾淨空氣；觸媒化反應——氧化還原乾淨空氣，純生態殺菌無污染

Utilizing photohydrogen ion sterilization technology, this system decomposes pollutants and sterilizes through photochemical reactions, ionization reactions, and catalytic reactions, ensuring a pure ecological sterilization process without pollution.



### 多層過濾，醫療級淨化 Medical Grade Purification

新風引入，G4雙初效+H13醫療級高效濾網多重淨化，可有效過濾空氣中塵埃、花粉毛屑、二手煙、細菌、PM2.5等有害物，使全屋空氣持久潔淨如新

The system introduces fresh air and features a multi-stage filtration system with G4 dual primary and H13 medical-grade high-efficiency filters. This effectively filters out dust, pollen, hair, secondhand smoke, bacteria, PM2.5, and other harmful substances to maintain a long-lasting fresh and clean air quality throughout the house.



### 高效直流風機 High-Efficiency DC Fan

電機採用粗銅線、靜音軸承、高溫斷電、轉速快、運行平穩，低耗節能

The motor is equipped with thick copper wires, silent bearings, and overheating protection, ensuring fast speed, low power consumption, stable operation, and energy efficiency.



### 高檔液晶控制面板 High-Grade LCD Controller

標配液晶控制器，全程智慧運行，五種運行模式，其中智慧模式下，一鍵全自動運行，WIFI聯網，遠端控制設備運行；RS485通信，支援智慧家居modbus協定集中控制，家居更智慧

Standard equipped with an LCD controller, the system operates intelligently throughout the process, offering five operating modes. Under the intelligent mode, it operates automatically with a single press.



### 內螺紋親水蒸發器和冷凝器 Internal Threaded Hydrophilic Two-Way Valve

採用親水鋁箔和蜂窩狀蒸發器，增大汽化面積，汽化效率高，接觸面積廣，水分吸附充分，除濕效果更佳

Featuring hydrophilic aluminum foil and honeycomb-shaped evaporators, it increases the evaporation area, enhances evaporation efficiency, and provides a wide contact area for more thorough moisture absorption and adsorption, resulting in better dehumidification effects.



### 雙排水口人性化設計 Double Drainage Outlet Humanized Design

標配雙排水設計，上排水口採用提升泵，同時預留下排水口，方便檢修

Standard equipped with a double drainage design, the upstream drainage outlet uses a lifting pump, while the downstream drainage outlet is reserved for convenient maintenance.



聯繫我們

Contact Us Now

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