



Total Climatech Solution!

Humidity Control Solutions in HVAC

DeAir Joint Stock Company specialises in both manufacturing and distributing diverse high-end range of temperature-humidity control units. Our research and development team with the in-depth experiences have been undertaking temperature-moisture treatments for copious domestic and foreign constructions. As locally manufactured at Vietnamese factory, our series of products are accredited for leading standards with appropriate cost.



Dezenno Desiccant Dehumidifier (40%RH)



DeAir.RE Industrial Dehumidifier



DeAir.RE-CL Ceiling Dehumidifier



Daxwell Heat-Pump Dryer



DeAir.HEAT heater

We unleash state-of-the-art values and thriving trends in the field of temperature-humidity control.

1. Introduction

1.1 About Us

DeAir is an experienced reliable manufacturer of dehumidifiers, AHUs, and HVAC equipment in Vietnam. In addition, we also offer OEM production services tailored to specific customer requirements.

We always respect, listen to, and value every opportunity to collaborate with our customers in consulting, designing, providing humidity control solutions, as well as installing and maintaining dehumidification systems.

These guidelines underpins our conscientiousness and ongoing innovation in moisture treatments and technical services consistently deliver optimal value and trust to our customers.

Our slogan **"Total Climate Solution"**

DeAir specialises in the supply, installation, warranty, and maintenance of the following product lines, namely: industrial dehumidifiers, temperature-humidity control equipment, AHUs, high-temperature dehumidifiers, isothermal dehumidifiers, desiccant dehumidifiers, humidifiers, heat-pump dryers, and heaters.

We assist engineers in selecting and integrating equipment in air control unit into air conditioning within HVAC systems for various projects.

Besides, after-sales service is also a key advantage that **DeAir** focuses on, including providing technical services, installation, maintenance, spare parts, and repair for all types of dehumidifiers available on the market.

With aspiration, passion, and enthusiasm, **DeAir** is constantly developing to become a trusted partner for leading construction companies and enterprises. We have cooperated with renowned companies such as Taikisha, Kinden, Thang Tien, Yurtec, Samsung, Vingroup, Nafoods, Pearl Global, Elanco, Agimexpharm, and Vinh Long Import-Export.

With the motto "Enthusiasm, Accountability, and Focus on Excellent Product Quality," DeAir has reinforced the trust of contractors and customers nationwide.

Strengths:

- In-depth technical specialisation and experiences
- Readiness in customer services
- Significant investment in Research and Development (R&D)

Vision:

DeAir strives to be the leading brand in industrial dehumidifiers and drying machines, that unleash trends and sustainable values for community.

Mision:

We are committed to delivering optimal thermal and humidity solutions that boost operational efficiency and environmental friendliness for enterprises in Vietnam.



1.2. DeAir and number

Customer satisfaction underlines **DeAir's** professionalism and creativity in every project, where our dedicated and experienced humidity control expert delivers exceptional results.

1.3. Warranty - maintenance

DeAir is dedicated to being a trusted partner for our clients throughout their experience with our products and services. We are committed to:

- Providing nationwide technical expertise to ensure available support whenever clients need it.
- Engaging customers proactively to gather feedback, address concerns that arise during product use, and timely and optimal solutions.
- Monitoring services quality constantly in conjunction with our commitments to clients.
- Offering comprehensive information, recommendations, and advice specifically tailored to their unique environmental conditions and product applications.
- Prioritising the confidentiality of our clients' information and data security.

2. General information

2.1. DeAir's information

- ◆ **Company name:** **DEAIR JOINT STOCK COMPANY**
- ◆ **Head Office:** No. 44 N7 Street, Hiep Thanh Residential Area, Hiep Thanh Ward, District 12, HCMC.
- ◆ **Office & Factory:** 442/8 National Highway 1A, An Phu Dong Ward, District 12, HCMC.
- ◆ **Branch & Service Center:** No. 29, Nhu Quynh Street, Nhu Quynh Town, Van Lam District, Hung Yen Province.
- ◆ **Tel:** 0933 628 660 | **Hotline:** 0925 977 579 | **Web:** deair.com.vn
- ◆ **Logo:**



2. Products and services:

- ◆ Industrial dehumidifiers, temperature-humidity control equipment, AHUs, high-temperature dehumidifiers, isothermal dehumidifiers, desiccant dehumidifiers, humidifiers, heat-pump dryers, and heaters.
- ◆ Assistance of engineers in selecting and integrating equipment of air control unit into the air conditioning within HVAC systems.
- ◆ After-sales services including providing technical services, installation, maintenance, spare parts, and repair for all types of dehumidifiers available on the market.

Main product lines:

DeAir.RE

DeAir.CRE

DeAir.HM

DeAir.HEAT

LMAS

Daxwell

Dezenno

Dezenno.MAX



3. Technical services



4. Typical projects



Consulting design HVAC systems handle moisture



▲ CHO RAY HOSPITAL



▲ ENLIE PHARMACEUTICAL



▲ HAU GIANG PHARMACEUTICAL



▲ HERA PHARMACEUTICAL

PHARMACEUTICAL



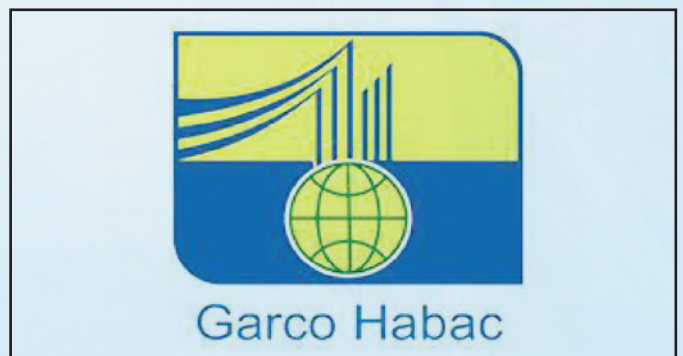
▲ HA PHONG GARMENT



▲ PHONG PHU GARMENT



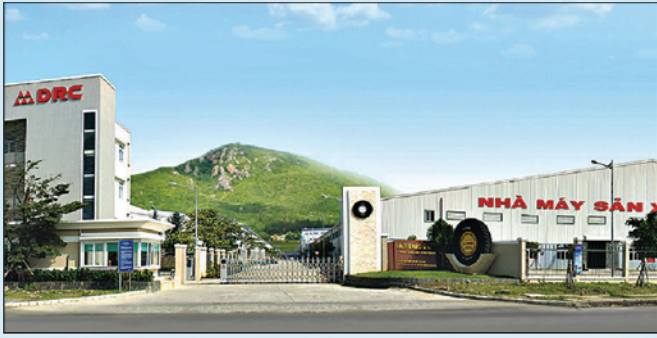
▲ DUC GIANG GARMENT



▲ HA BAC GARMENT

GARMENT INDUSTRY





▲ DA NANG RUBBER



▲ DONGSUNG VINA



▲ EVN HA NOI



▲ SUNGROUP

INDUSTRIAL



▲ KWE



▲ CEVA



▲ U&I



▲ TBS

LOGISTICS



▲ VINH LONG IMPORT-EXPORT



▲ THABIFARM



▲ SHINSANG



▲ DOI MOI BAMBOO RATTAN

ENERGY-SAVING DRYING SOLUTIONS

5. Our customers

4. Organisational chart



DeAir boasts a team of highly skilled and dedicated professionals with extensive experience in humidity control. We are committed to providing comprehensive and innovative solutions tailored to our clients' unique needs, based on our in-depth know-how and unwavering responsibility in the field of temperature-humidity control.

MEMBERS:

- ✦ **Ms. Le Thi My Hong** - Bachelor of University of Social Sciences and Humanities, with 14 years of experience in sales, consulting, design, and service in moisture treatment for both domestic and oversea enterprises.
- ✦ **Mr. Ngo Quang Binh** - Master of Electrical Engineering and former lecturer at Ho Chi Minh City University of Technology, with 20 years of experience in the field of air conditioning, temperature-humidity treatment, and working with leading dehumidifier brands such as Bry Air, Munters, etc.
- ✦ **Ms. Vu Huong** - Bachelor of University of Economics of Ho Chi Minh City, with 20 years of experience in the CFO position.



To ensure product quality and optimise our production management system in accordance with international standards, **DeAir** has implemented a robust quality management system and has been certified to ISO 9001:2015. This certification is a testament to **DeAir's** commitment to product excellence and the professionalism of its production processes.

Driven by the motto "Dedicated to improving quality," **DeAir** is fully committed to delivering exceptional solutions, upholding its prestige, and taking responsibility for every product delivered to customers.

Our slogan "**Total Climate Solution**"



GIẤY CHỨNG NHẬN
CERTIFICATE OF REGISTRATION

Chứng nhận Hệ thống quản lý Chất lượng của:
This is to certify that the Quality Management System of:

CÔNG TY CỔ PHẦN DEAIR
DEAIR JOINT STOCK COMPANY

Địa chỉ: Số 44 Đường N7, KDC Hiệp Thành, Phường Hiệp Thành, Quận 12, Tp. Hồ Chí Minh
Address: No.44, Road N7, Hiep Thanh residential area, Hiep Thanh Ward, District 12, Ho Chi Minh City

Nhà máy: 442/8 Quốc lộ 1A, Khu phố 4, Phường An Phú Đông, Quận 12, Tp. Hồ Chí Minh
Factory: No.442/8, 1A National road, Quarter 4, An Phu Dong Ward, Disrict 12, Ho Chi Minh City

Đã được đánh giá và xác nhận phù hợp với các yêu cầu của tiêu chuẩn:
Has been assessed and found to conform with the requirements of the following standard:

ISO 9001:2015

Cho lĩnh vực/ For the following activities:

Sản xuất và kinh doanh thiết bị xử lý ẩm, máy hút ẩm, thiết bị xử lý ẩm không khí
Manufacturing and trading of humidity treatment equipment, dehumidifiers

and air humidity treatment equipment

Số chứng nhận/ Certificate No: W1987
Ngày ban hành/ Issue date: 12/06/2024
Ngày hết hạn/ Expiry date: 11/06/2027
(Hiệu lực của giấy chứng nhận các năm tiếp theo sẽ được thể hiện kèm theo quyết định duy trì chứng nhận sau mỗi lần đánh giá giám sát)





GIAM ĐỐC/DIRECTOR
WU MẠNH DÂN

Công ty cổ phần Chứng nhận WCERT - Phòng 504, số 10 Liễu Giai, Ba Đình, Hà Nội. Điện thoại/Zalo: 0903 275 218/ 0045 278 880. Email: en.wcert@gmail.com

Certificate of Compliance



No. 0E181129.HGEQ558

Test Report no. SHMZ-18111202E-EMC, SHMZ-18111202E-LVD

Certificate's
Holder:

Certification ECM
Mark:



Product:
Model(s):

Dehumidifier
(see the following annex I)

Verification to:

Standard:
EN 55014-1:2017, EN 55014-2:2015,
EN 61000-3-2:2014, EN 61000-3-3:2013,
EN 60335-2-40:2003/A13:2012/AC:2013

related to CE Directive(s):
2014/35/EU (Low Voltage)
2014/30/EU (Electromagnetic Compatibility)

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM. In reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at www.entecerma.it. This Certificate of Compliance can be checked for validity at www.entecerma.it

This verification doesn't imply assessment of the production of the product(s).

Additional information, clarification about the **CE** Marking:



We attest that a TCF for the **CE** Marking process is in place. Whereas the Manufacturer is Responsible to start the **CE Marking Certification Procedure** and to perform all the necessary activities, as required by the Directive before placing the **CE** Mark on the product(s).

Date of issue 29 November 2018

Expiry date 28 November 2023

Chief Manager
Marta Morino

Deputy Manager
Amanda Payne

Ente Certificazione Macchine Srl

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☎ +39 051 6705141 📠 +39 051 6705156 ✉ info@entecerma.it 🌐 www.entecerma.it

OLMAS

No. 0E181129.HGEQS58

Test Report no. SHMZ-18111202E-EMC, SHMZ-18111202E-LVD



Model(s):

OS-150L, OS-210L, OS-500L, OS -50CL,
OS -100CL, OS-150CL, OS-200L, OS-500CL

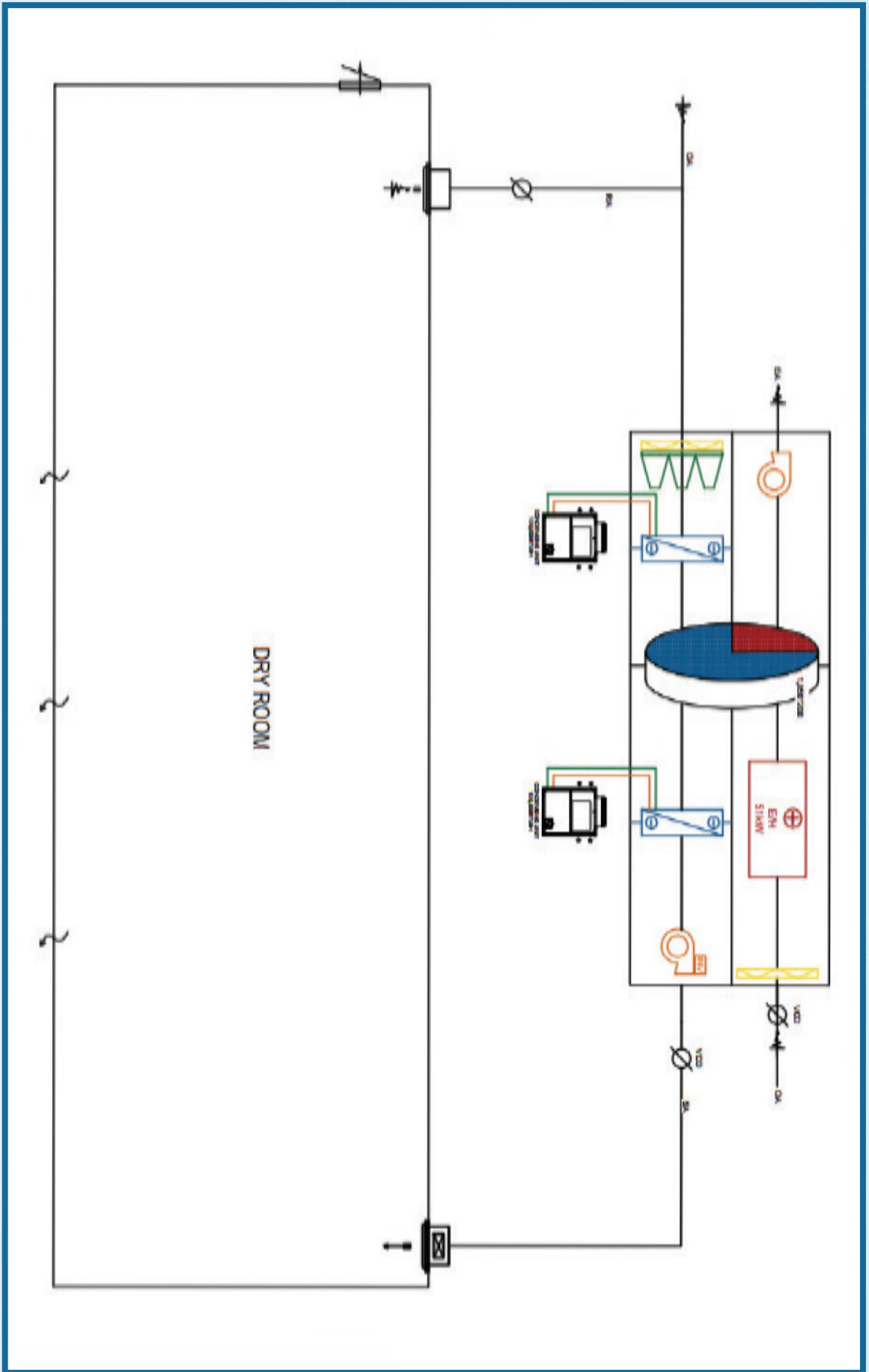


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CONFIGURATION OF THERMAL - HUMAN RESOURCE

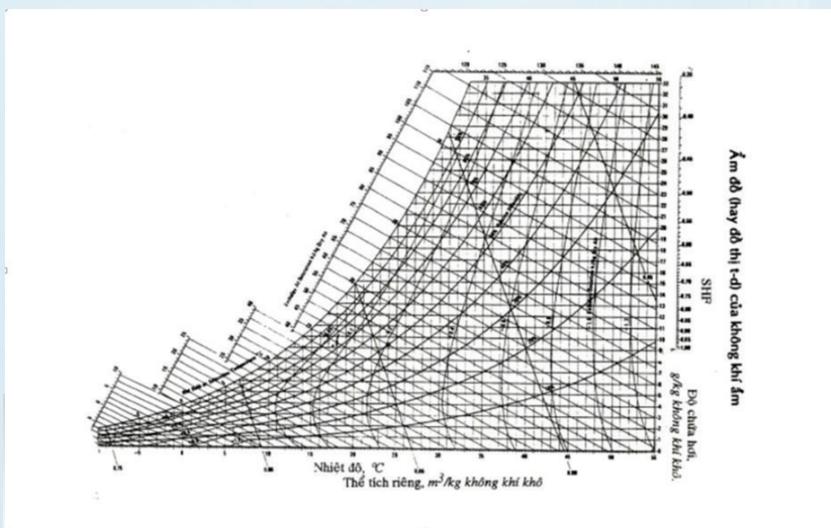


5. Products and services

5.1. Solutions consulting, project design on related fields of temperature-humidity



Case-by-case surveys to determine optimal humidity treatment solutions.



Thorough research on humidity and product requirements.



Assistance to air conditioning technicians in the selection and integration of humidity-treatment equipment.

Our team of experts, with extensive experience in air conditioning, temperature, and humidity control, is committed to delivering the most effective and economical solutions, validated through rigorous practical testing.



INDUSTRIAL DEHUMIDIFIERS



RE-600



RE-300



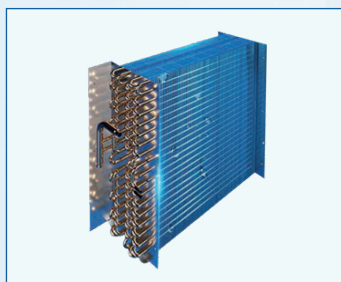
RE-150



RE-60

The DeAir.RE floor-standing packaged dehumidifiers comprise of five standard models: RE-60, RE-100, RE-150, RE-300, and RE-600. They are widely applied for various range of applications such as food and pharmaceutical processes, exact manufacturing, storage and warehouses, museums and archiving galleries, communications centres, high temperature drying rooms, etc.

Main components



E-Coating hydrophilic evaporator

40% more efficient and faster dehumidification



High-efficiency compressor

Completion with internal cut-outs and high-low pressure protection



Airtight centrifugal fan

Seamless working with low noise and high efficiency



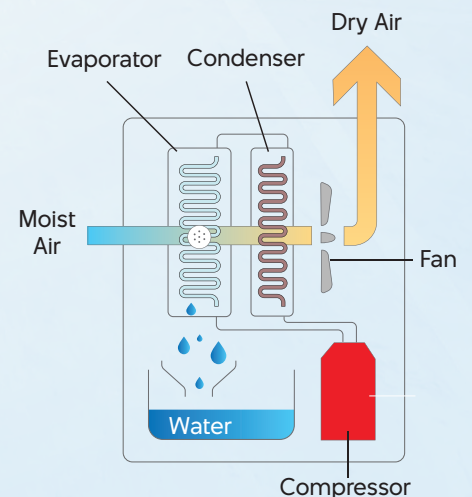
Humidity controller

Automatic and energy-saving operations

Working principles

The humid air is drawn by centrifugal fans through the evaporator (cooling coils), which cools it down below its dewpoints so that the moisture condenses into water to be drained away. Simultaneously, cooled air discharges into the condenser (hot coils) to reheat. Finally, warm and dry air is released to the controlled space and continues dehumidification process.

Moreover, the following additional components are integrated for actual use to enhance smooth operations and service life, namely: the *filter* installed in front of the evaporator cleans air and protects evaporator coil from clogging; the *defrost circuit* defrosts coil under the low-temperature conditions; and the *humidistat* automatically controls dehumidifier.



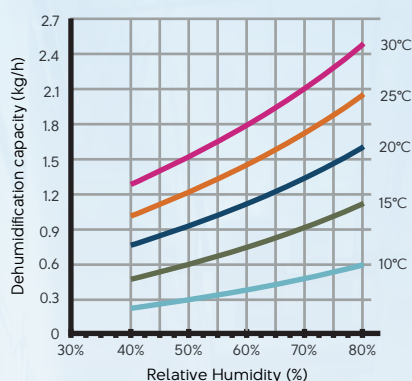
Pinpointing proper dehumidifier size

The proper selection of dehumidifier size aims to optimise performance of moisture removal in production. Initially, it is essential to estimate the moisture load (latent load) of the project. Then, design engineers can refer to the dehumidification charts which are illustrated on the right side to select the most suitable model based on room RH%.

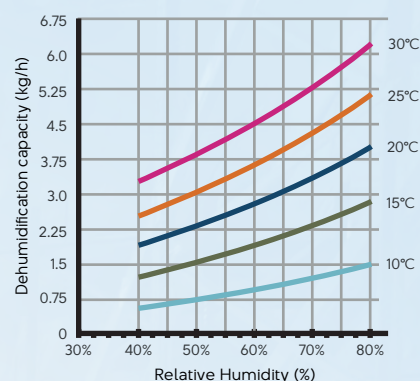
Besides, we also support you by providing the free computer-aided selection services directly or via our network of authorised representatives in your local area. Thus, feel free to contact your local distributors for assistance.

Why dehumidification?

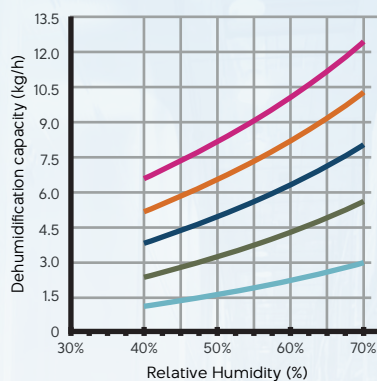
The removal of exceeded moisture level is crucial to mitigate negative effects of high relative humidity such as corrosion, product deterioration, growth of mold and mildew, condensation and dampness, recurrence of moisture, stagnation of manufacturing, prolonged drying, and labour discomfort.



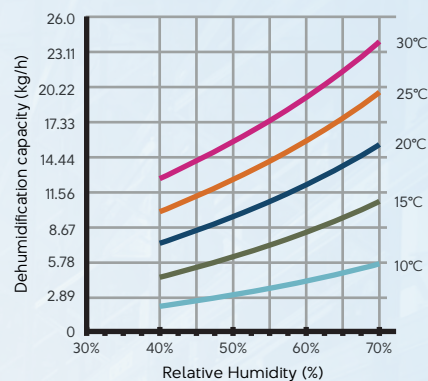
RE-60



RE-150



RE-300



RE-600

Specifications (220V/1Ph/50Hz)

Model	RE-60	RE-100	RE-150	RE-300	RE-600
Operating temperature range (°C)	5-40	5-40	5-40	5-40	5-40
Dehumidification capacity (kg/day) @30°C/80%	60	100	150	300*	600*
Airflow rate (CMH)	400	1,200	1,500	3,000	6,000
Noise (dBA)	55	55	55	59	65
Refrigerant	R410A	R410A	R410A	R410A	R410A
Refrigerant charge (kg)	0.8	1.3	1.9	1.9	4.3
Power source (V/Ph/Hz)	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption (kW)	0.86	1.495	1.495	4.6	9.2
Width (mm)	390	690	690	780	1,250
Depth (mm)	335	530	530	480	600
Height (mm)	680	985	985	1,650	1,800
Weight (kg)	40	45	45	160	250

* The nominal conditions of the DeAir.RE-300 and DeAir.RE-600 maintain 30°C/70%.

The special models must be used when:

1. Purposefully prevent products from mold/fungi damages and/or (with UV lamp - option)
2. Rooms with large width.



CONNECT WITH US



@DeAir_GiaiPhapXuLyAm



INDUSTRIAL DEHUMIDIFIERS



RE-1200



RE-600



RE-300

The DeAir.RE standing packaged dehumidifiers consist of seven standard models, namely: RE-150, RE-192, RE-300, RE-500, RE-600, RE-900, and RE-1200. They can efficiently handle humidity and condensation problems at medium-size industrial ambience whose temperature ranges from 15°C to 40°C without resorting to multiple units. Likewise, their applications typify at warehouses, food and pharmaceutical factories, exact manufacturing plants, museums and galleries, and communication centres.

Main components



E-Coating hydrophilic evaporator

40% more efficient and faster dehumidification



High-efficiency compressor

Completion with internal cut-outs and high-low pressure protection



Airtight centrifugal fan

Seamless working with low noise and high efficiency



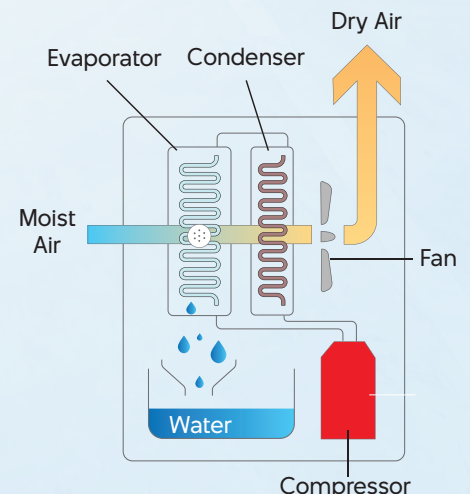
Humidity controller

Automatic and energy-saving operations

Working principles

The humid air is drawn by centrifugal fans through the evaporator (cooling coils), which cools it down below its dewpoints so that the moisture condenses into water to be drained away. Simultaneously, cooled air discharges into the condenser (hot coils) to reheat. Finally, warm and dry air is released to the controlled space and continues dehumidification process.

Moreover, the following additional components are integrated for actual use to enhance smooth operations and service life, namely: the *filter* installed in front of the evaporator cleans air and protects evaporator coil from clogging; the *defrost circuit* defrosts coil under the low-temperature conditions; and the *humidistat* automatically controls dehumidifier.



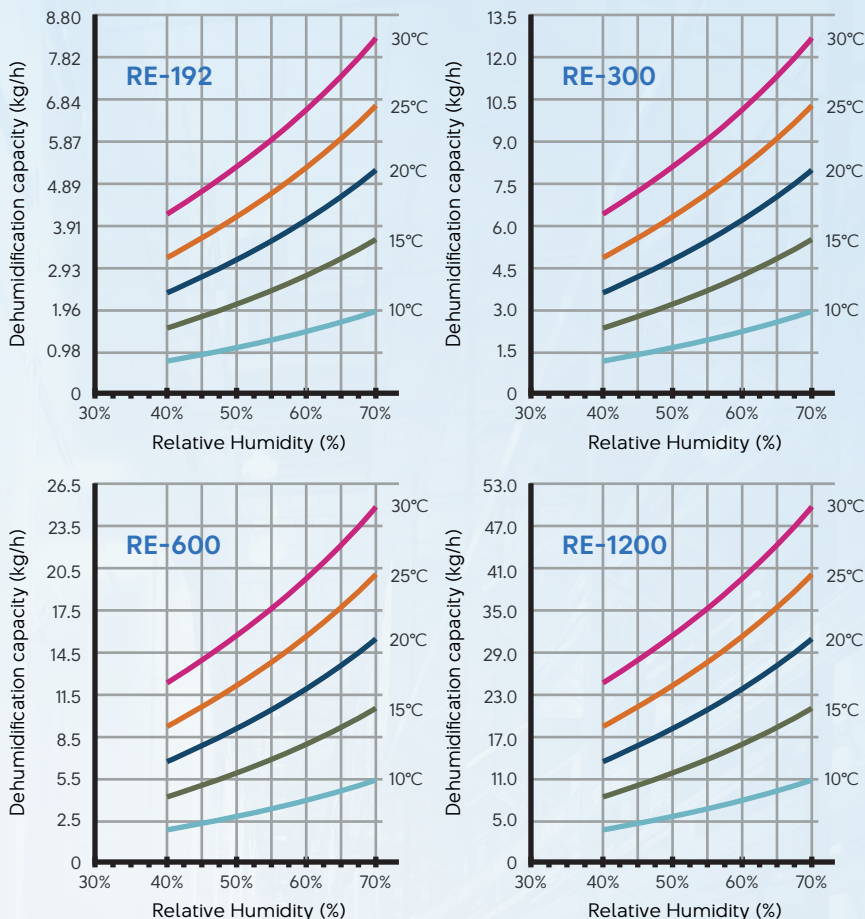
Pinpointing proper dehumidifier size

The proper selection of dehumidifier size aims to optimise performance of moisture removal in production. Initially, it is essential to estimate the moisture load (latent load) of the project. Then, design engineers can refer to the dehumidification charts which are illustrated on the right side to select the most suitable model based on room RH%.

Besides, we also support you by providing the free computer-aided selection services directly or via our network of authorised representatives in your local area. Thus, feel free to contact your local distributors for assistance.

Why dehumidification?

The removal of exceeded moisture level is crucial to mitigate negative effects of high relative humidity such as corrosion, product deterioration, growth of mold and mildew, condensation and dampness, recurrence of moisture, stagnation of manufacturing, prolonged drying, and labour discomfort.



Specifications (DeAir.RE series)

Model	RE-150	RE-192	RE-300	RE-500	RE-600	RE-900	RE-1200
Operating temperature range (°C)	5-40	5-40	5-40	5-40	5-40	5-40	5-40
Dehumidification capacity (kg/day) @30°C/70%	150*	192	300	500	600	900	1,200
Airflow rate (CMH)	1,500	2,500	3,000	4,500	6,000	9,000	12,000
Noise (dBA)	55	59	59	65	65	72	72
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge (kg)	1.9	1.9	1.9	3.2	4.3	6.4	8.6
Power source (V/Ph/Hz)	220/1/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption (kW)	1.495	4.6	4.6	7.6	9.2	13.8	18.4
Width (mm)	690	780	780	1,250	1,250	1,400	1,750
Depth (mm)	530	480	480	600	600	720	800
Height (mm)	985	1,650	1,650	1,800	1,800	1,800	1,800
Weight (kg)	45	160	160	200	250	450	500

* The nominal conditions of the DeAir.RE-150 maintain 30°C/80%.

The special models must be used when:

1. Purposefully prevent products from mold/fungi damages and/or (with UV lamp - option)
2. Rooms with large width.



CONNECT WITH US



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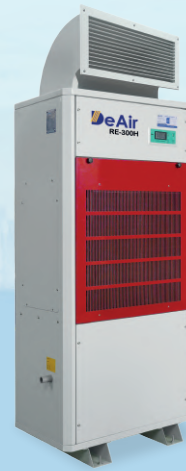
HEATING DEHUMIDIFIERS



RE-1200H



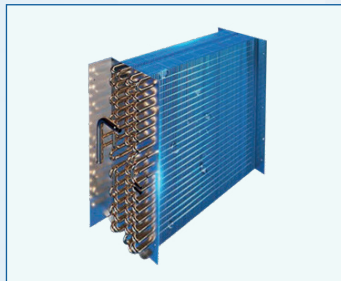
RE-600H



RE-300H

The DeAir.RE Heating industrial standing packaged dehumidifiers encompass six standard models, namely: RE-192H, RE-300H, RE-500H, RE-600H, RE-900H, and RE-1200H. They can efficiently handle humidity and condensation problems at medium-size industrial ambience whose temperature ranges from 15°C to 40°C without resorting to multiple units. Hence, their various applications typify at warehouses, food and pharmaceutical factories, exact manufacturing plants, museums and galleries, and communications centres.

Main components



E-Coating hydrophilic evaporator

40% more efficient and faster dehumidification



High-efficiency compressor

Completion with internal cut-outs and high-low pressure protection



Airtight centrifugal fan

Seamless working with low noise and high efficiency



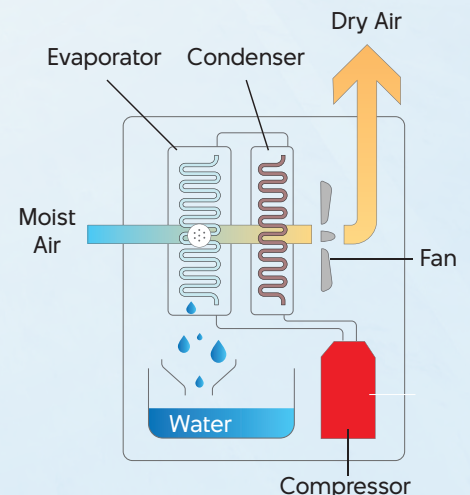
Humidity controller

Automatic and energy-saving operations

Working principles

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Moreover, the following additional components are integrated for actual use to enhance smooth operations and service life, namely: the *filter* installed in front of the evaporator cleans air and protects evaporator coil from clogging; the *defrost circuit* defrosts coil under the low-temperature conditions; and the *humidistat* automatically controls dehumidifier.



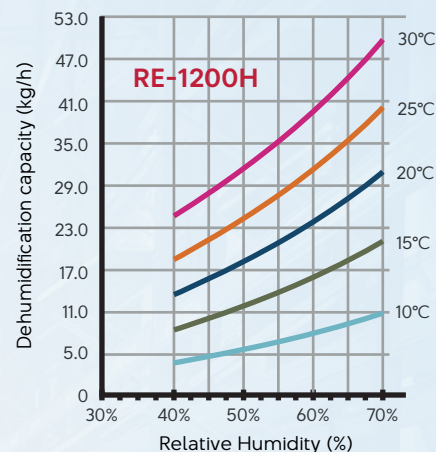
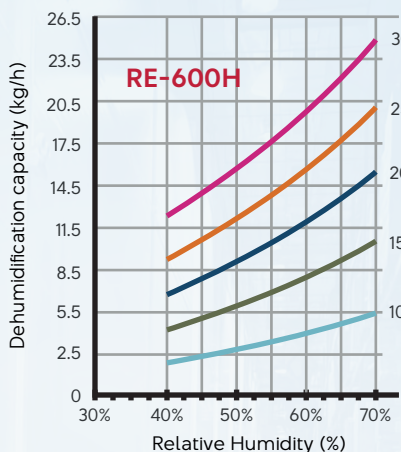
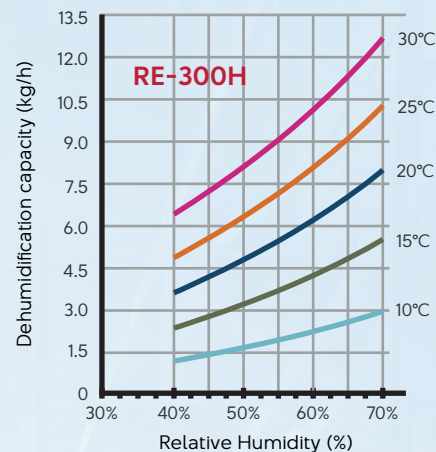
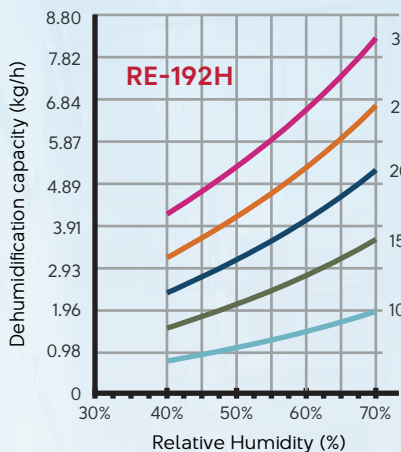
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Why dehumidification?

The removal of exceeded moisture level is crucial to mitigate negative effects of high relative humidity such as corrosion, product deterioration, growth of mold and mildew, condensation and dampness, recurrence of moisture, stagnation of manufacturing, prolonged drying, and labour discomfort.



Specifications (DeAir.RE Heating series)

Model	RE-192H	RE-300H	RE-500H	RE-600H	RE-900H	RE-1200H
Operating temperature range (°C)	5-60	5-60	5-60	5-60	5-60	5-60
Dehumidification capacity (kg/day) @30°C/70%	192	300	500	600	900	1,200
Airflow rate (CMH)	2,500	3,000	4,500	6,000	9,000	12,000
Noise (dBA)	59	59	65	65	72	72
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge (kg)	1.9	1.9	3.2	4.3	6.4	8.6
Power source (V/Ph/Hz)	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption (kW)	4.6	4.6	7.6	9.2	13.8	18.4
Power consumption of heater (kW)*	4.5	4.5	8.4	8.4	16.8	16.8
Width (mm)	780	780	1,250	1,250	1,400	1,750
Depth (mm)	480	480	600	600	720	800
Height (mm)	1,650	1,650	1,800	1,800	1,800	1,800
Weight (kg)	160	160	200	250	450	500

* Option with additional heater

The special models must be used when:

1. Purposefully prevent products from mold/fungi damages and/or (with UV lamp - option)
2. Rooms with large width.



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STAINLESS STEEL HEATING DEHUMIDIFIERS



RE-150H



RE-300H



RE-600H

The serie of DeAir.RE heating dehumidifiers with stainless steel case comprise three following models: RE-150H, RE-300H, and RE-600H. They are applied for various range of applications like salt production, food and pharmaceutical processing, industries with stringent hygiene and safety requirements, dusty and high-temperature environments, and so on.

Main components

E-Coating hydrophilic evaporator
40% more efficient and faster dehumidification

High-efficiency compressor
Completion with internal cut-outs and high-low pressure protection

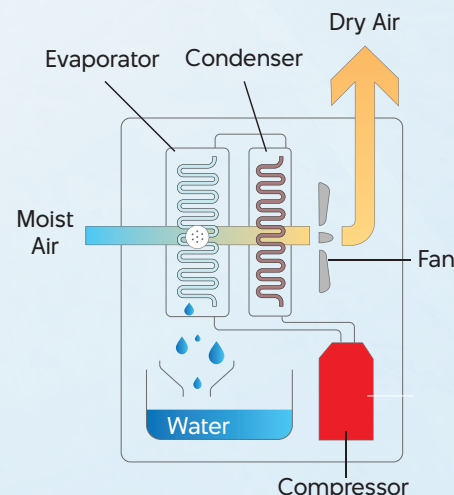
Airtight centrifugal fan
Seamless working with low noise and high efficiency

Humidity controller
Automatic and energy-saving operations

Working principles

The humid air is drawn by centrifugal fans through the evaporator (cooling coils), which cools it down below its dewpoints so that the moisture condenses into water to be drained away. Simultaneously, cooled air discharges into the condenser (hot coils) to reheat. Finally, warm and dry air is released to the controlled space and continues dehumidification process.

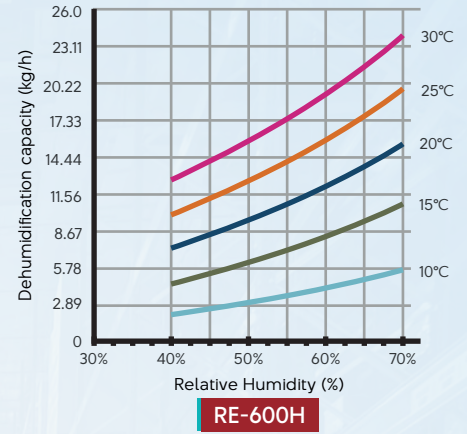
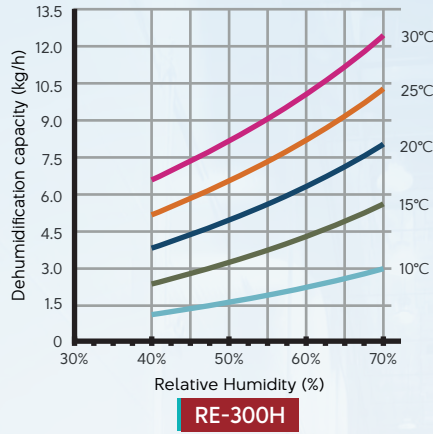
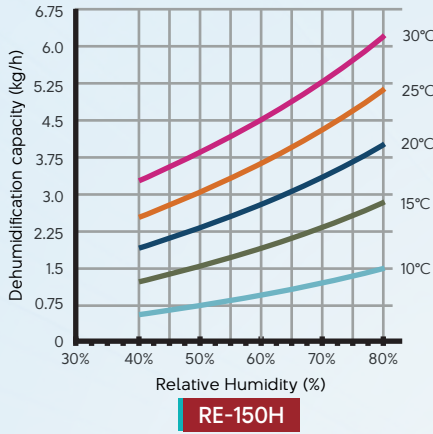
Moreover, the following additional components are integrated for actual use to enhance smooth operations and service life, namely: the *filter* installed in front of the evaporator cleans air and protects evaporator coil from clogging; the *defrost circuit* defrosts coil under the low-temperature conditions; and the *humidistat* automatically controls dehumidifier.



Pinpointing proper dehumidifier size

The proper selection of dehumidifier size aims to optimise performance of moisture removal in production. Initially, it is essential to estimate the moisture load (latent load) of the project. Then, design engineers can refer to the dehumidification charts which are illustrated below to select the most suitable model based on room RH%.

Besides, we also support you by providing the free computer-aided selection services directly or via our network of authorised representatives in your local area. Thus, feel free to contact your local distributors for assistance.



Why dehumidification?

The removal of exceeded moisture level is crucial to mitigate negative effects of high relative humidity such as corrosion, product deterioration, growth of mold and mildew, condensation and dampness, recurrence of moisture, stagnation of manufacturing, prolonged drying, and labour discomfort.

Specifications

Model	RE-150H	RE-300H	RE-600
Operating temperature range (°C)	5-60		
Dehumidification capacity (kg/day) @30°C/70%	150*	300	600
Airflow rate (CMH)	1,500	3,000	6,000
Noise (dBA)	55	59	65
Refrigerant	R410A		
Refrigerant charge (kg)	1.9		4.3
Power source (V/Ph/Hz)	220/1/50	380/3/50	
Power consumption (kW)	1.495	4.6	9.2
Power consumption of heater (kW) - Optional	-	4.5	8.4
Width (mm)	460	780	1,250
Depth (mm)	405	480	600
Height (mm)	975	1,650	1,800
Weight (kg)	45	160	250

* DeAir.RE-150H does not have option with heater and its nominal condition maintain 30°C/80%.

- The special models must be used when:
1. Purposefully prevent products from mold/fungi damages and/or (with UV lamp - option)
 2. Rooms with large width.

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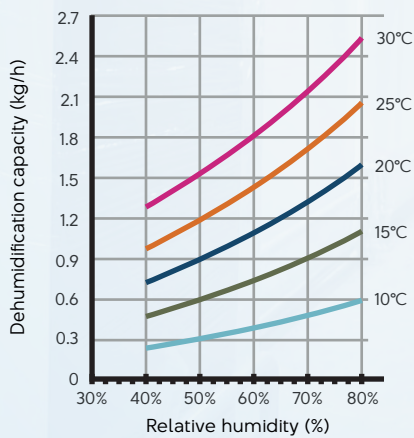
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CEILING-MOUNTED DEHUMIDIFIERS

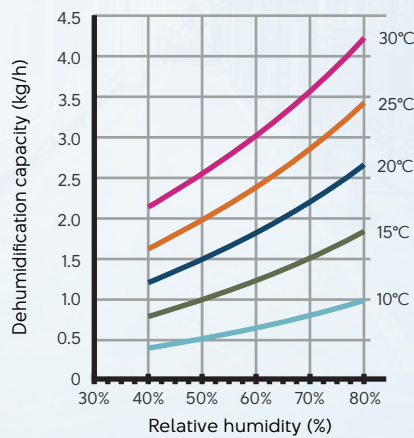


The DeAir.RE ceiling-mounted dehumidifier series encompass five following models: RE-60CL, RE-100CL, RE-150CL, RE-300CL, and RE-600CL. They are utilised for broad range of industrial applications such as food and pharmaceutical processes, exact manufacturing plants, storage and warehouses, museums, galleries and documentary archives, media centres, high-temperature drying rooms, and so on.

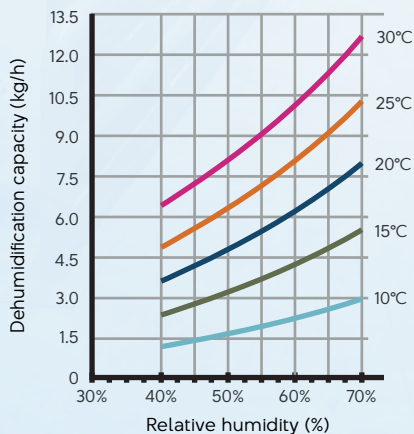
Dehumidification charts



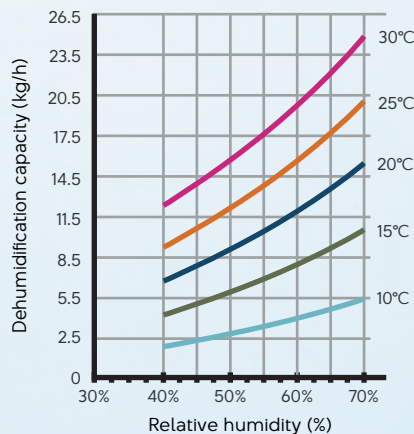
RE-60CL



RE-100CL



RE-300CL



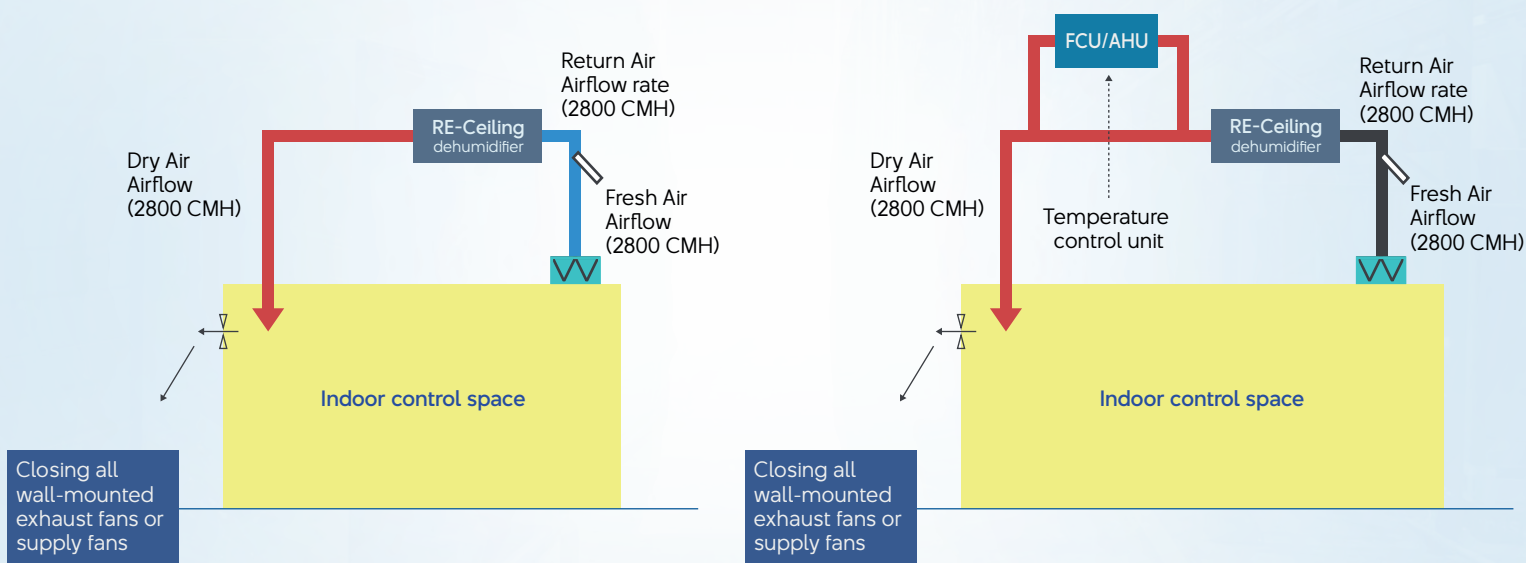
RE-600CL

Specifications

Model		RE-60CL	RE-100CL	RE-150CL	RE-300CL	RE-600CL
Temperature range	°C	5-40				
Dehumidification capacity (@30°C, 80%)	kg/day	60	100	150	300*	600*
Airflow rate	CMH	400	1,200	1,500	3,000	6,000
Noise	dB(A)	55	57		59	65
Refrigerant	-	R410A				
Refrigerant charge	kg	0.8	1.3	1.4	1.9	4.3
Power source	V/Ph/Hz	220/1/50			380/3/50	
Power consumption	kW	0.86	1.65	1.73	5.85	9.0
Width	mm	850	985		1,100	1,280
Depth	mm	440	575		900	1,100
Height	mm	400	600		700	700
Weight	kg	31	51	61	150	200

* The nominal conditions of the RE-300CL and RE-600CL maintain 30°C/70%.

Installation guide



Why dehumidification?

The removal of exceeded moisture level is crucial to mitigate negative effects of high relative humidity such as corrosion, product deterioration, growth of mold and mildew, condensation and dampness, recurrence of moisture, stagnation of manufacturing, prolonged drying, and labour discomfort.

Hence, DeAir always supports you with the selection of the most suitable dehumidifier towards optimal performance within controlled space. Feel free to contact us for assistance.



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ISOTHERMAL FLOOR-STANDING DEHUMIDIFIER



Product description

The floor-standing DeAir.CRE isothermal dehumidifiers, consisting of 2 models: CRE-300 and CRE-600, are produced by *DeAir Joint Stock Company*, and specifically designed to control humidity without increasing temperature. The inlet temperature remains the same as the outlet, and in some cases, it may even reduce by 2°C to 3°C.

The DeAir.CRE is engineered to maintain humidity levels ($\geq 40\%$) while removing the heat generated during the dehumidification process, ensuring maximum efficiency and energy savings. DeAir offers a wide range of dehumidifiers for various industrial applications. For further information or assistance with the DeAir.CRE, please contact your nearest DeAir office or authorised agents.

Isothermal dehumidifiers are commonly used to replace conventional units in temperature-controlled environments. As the DeAir.CRE does not raise room temperature, there is no need to supplement the air conditioner's cooling capacity. This makes the machine ideal for industries such as pharmaceuticals, electronics, food processing, confectionery, and textiles, both in new or upgraded facilities.

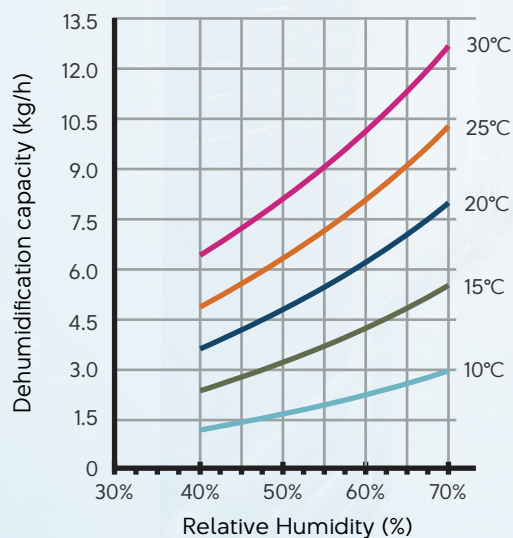
Air supplied to the DeAir.CRE unit should not pass through environments containing solvents, explosive materials, or chemical contaminants (e.g., acids, bases). To ensure proper functioning, all contaminants must be avoided, and additional filtration systems should be installed where necessary.

The DeAir.CRE isothermal dehumidifier is designed for indoor installation. If installed outdoors, it must be sheltered by a roof to protect the unit from rainwater damage.

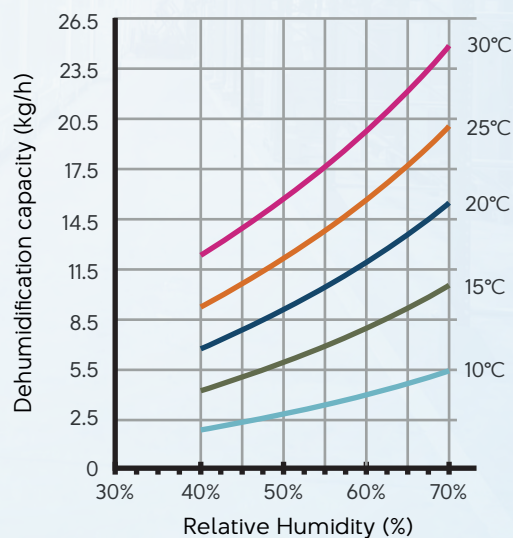
Specifications (floor-standing DeAir.CRE)

Model	CRE-300	CRE-600
Operating temperature range (°C)	5-40	
Dehumidification capacity (kg/day) @30°C/70%	300	600
Airflow rate (CMH)	3,000	6,000
Noise (dBA)	59	65
Refrigerant	R410A	
Refrigerant charge (kg)	1.9	4.3
Power source (V/Ph/Hz)	380/3/50	
Power consumption (kW)	4.6	9.2
External static pressure (Pa)	200	
Dehumidifier dimension (WxDxH) (mm)	780x480x1,650	1,250x600x1,800
Heat exchange dimension (WxDxH) (mm)	1,015x580x1,015	1,250x830x1,250
Dehumidifier net weight (kg)	160	250
Heat exchange net weight (kg)	70	100

Dehumidification charts



CRE-300



CRE-600



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ISOTHERMAL CEILING-MOUNTED DEHUMIDIFIERS



Product description

The ceiling-mounted **DeAir.CRE** isothermal dehumidifiers, consisting of 5 models: CRE-60CL, CRE-100CL, CRE-150CL, CRE-300CL, and CRE-600CL, are produced by *DeAir Joint Stock Company*, and specifically designed to control humidity without increasing temperature. The inlet temperature remains the same as the outlet, and in some cases, it may even reduce by 2°C to 3°C.

The **DeAir.CRE** is engineered to maintain humidity levels ($\geq 40\%$) while removing the heat generated during the dehumidification process, ensuring maximum efficiency and energy savings. DeAir offers a wide range of dehumidifiers for various industrial applications. For further information or assistance with the **DeAir.CRE**, please contact your nearest DeAir office or authorised agents.

Isothermal dehumidifiers are commonly used to replace conventional units in temperature-controlled environments. As the **DeAir.CRE** does not raise room temperature, there is no need to supplement the air conditioner's cooling capacity. This makes the machine ideal for industries such as pharmaceuticals, electronics, food processing, confectionery, and textiles, both in new or upgraded facilities.

Air supplied to the **DeAir.CRE** unit should not pass through environments containing solvents, explosive materials, or chemical contaminants (e.g., acids, bases). To ensure proper functioning, all contaminants must be avoided, and additional filtration systems should be installed where necessary.

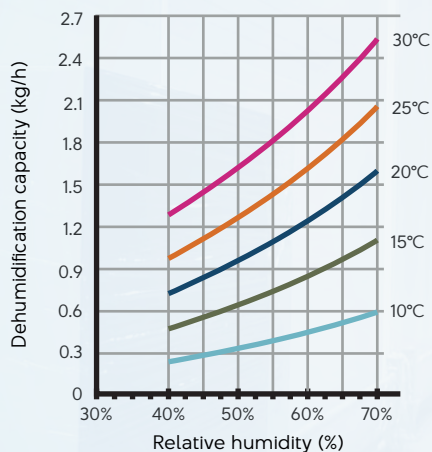
The **DeAir.CRE** isothermal dehumidifier is designed for indoor installation. If installed outdoors, it must be sheltered by a roof to protect the unit from rainwater damage.

Specifications (ceiling-mounted DeAir.CRE)

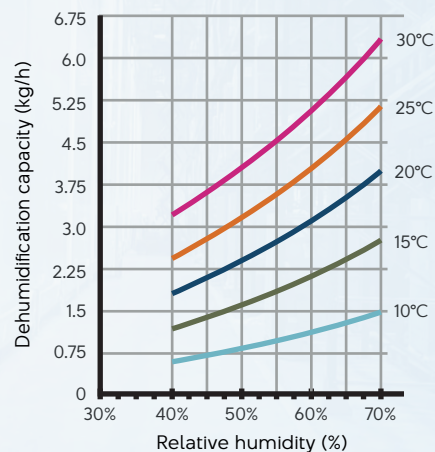
Model	CRE-60CL	CRE-100CL	CRE-150CL	CRE-300CL	CRE-600CL
Operating temperature range (°C)	5-40				
Dehumidification capacity (kg/day) @30°C/80%	60	100	150	300*	600*
Airflow rate (CMH)	400	1,200	1,500	3,000	6,000
Noise (dBA)	55	57		59	65
Refrigerant	R410A				
Refrigerant charge (kg)	0.8	1.3	1.4	1.9	4.3
Power source (V/Ph/Hz)	220/1/50			380/3/50	
Power consumption (kW)	0.86	1.65	1.73	5.85	9.0
External static pressure (Pa)	200				
Dehumidifier dimension (WxDxH) (mm)	850x440x400	985x575x600		1,100x900x700	1,280x1,100x700
Heat exchange dimension (WxDxH) (mm)	440x330x440	480x430x480		1,015x580x1,015	1,250x830x1,250
Dehumidifier net weight (kg)	31	51	61	150	200
Heat exchange net weight (kg)	20	25	27	70	100

* The nominal conditions of the RE-300CL and RE-600CL maintain 30°C/70%.

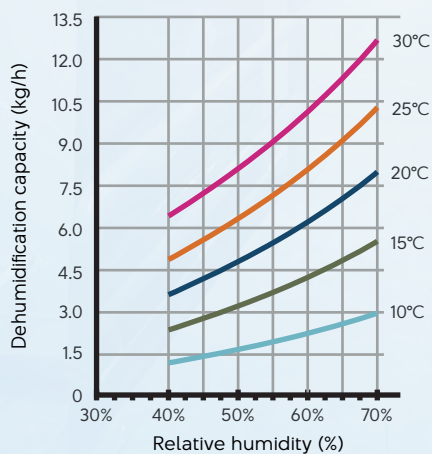
Dehumidification charts



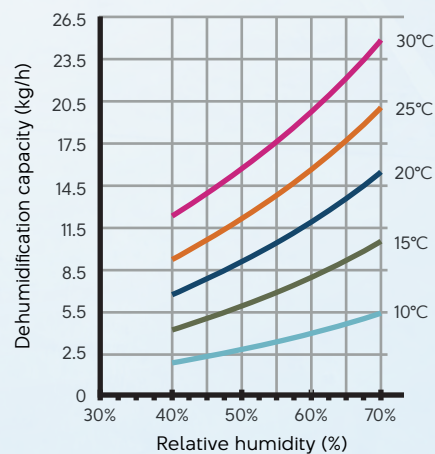
CRE-60CL



CRE-150CL



CRE-300CL



CRE-100CL

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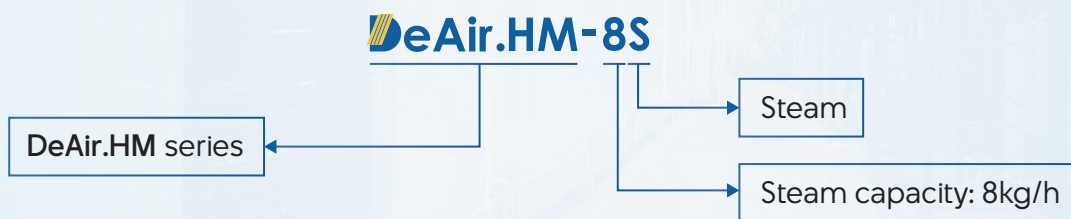
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INDUSTRIAL HUMIDIFIER

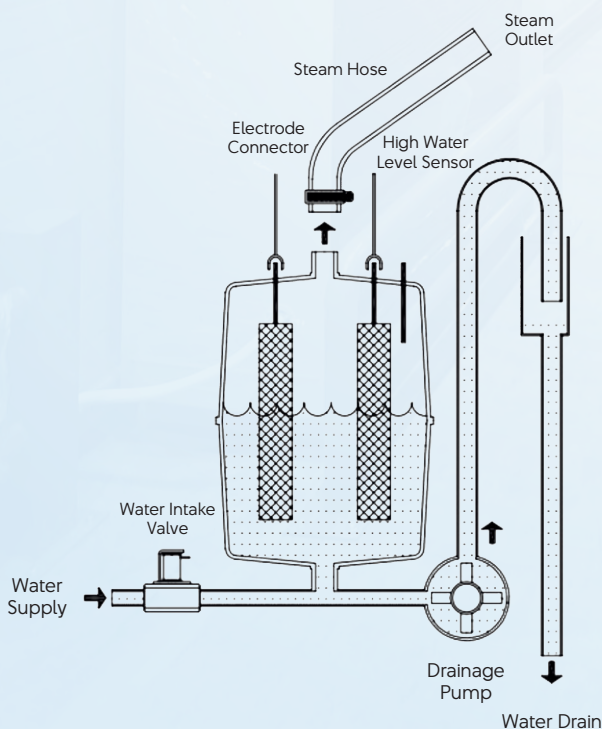


The DeAir.HM industrial humidifiers comprises eight models: DeAir.HM-6S, DeAir.HM-8S, DeAir.HM-15S, DeAir.HM-30S, DeAir.HM-45S, DeAir.HM-65S, DeAir.HM-90S, and DeAir.HM-130S. This unit is applied to increase air humidity in various industries such as manufacturing, construction, and agriculture. As a result, the air humidity stabilizes in environments like concrete curing, spray painting, greenhouses, and hotels.

Nomenclature



Working principle



When using tap water, supply water conductivity should range between 125 and 1250 $\mu\text{S}/\text{cm}$. This electrode steam humidifier uses tap water to produce steam; once water fills the cylinder, the electrode activates a current that heats and boils the water to create steam.

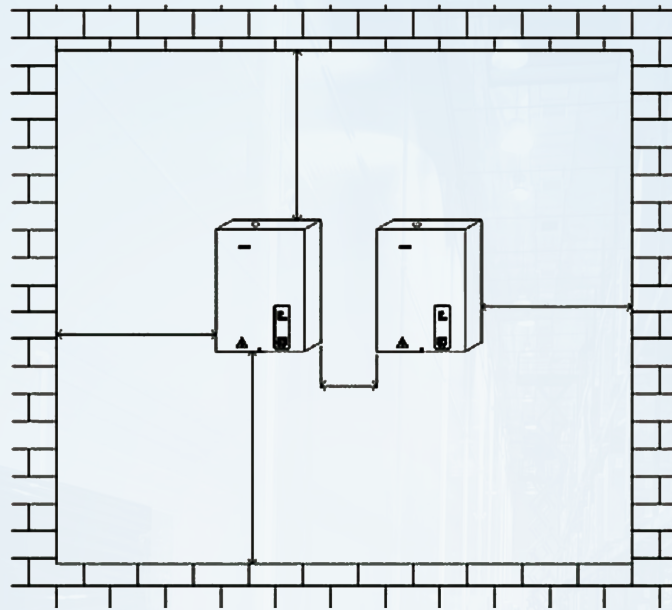
The microprocessor controller enables production of steam in the shortest time, whereas the circuit board automatically maintains precise water levels. For any setting adjustments, the humidifier executes quickly and accurately.

The DeAir.HM humidifier includes a drain pump with a larger inlet and outlet, enabling larger deposits to pass through and discharge efficiently. This design typically extends cylinder life 2-3 times compared to standard drain valves. Regularly check the cylinder electrode connector for secure attachment, and replace cylinders after 2-3 cleanings to sustain stable operation.

Installation guide of humidifier

All procedures must be performed by qualified technicians. Use only the supplied accessories to install the unit, ensuring adherence to the required safety distances. Allow sufficient space for repairs and maintenance, and position the installation site to enable easy removal of the unit

To optimise performance, the distance between the humidifier and the steam distributor should be as short as possible. The steam hose length should ideally be under 2 metres and must never exceed 3 metres; if a longer distance is required, please consult the supplier. An open drainage funnel should be used to guarantee smooth drainage flow, and a water filter is necessary for the water intake pipe.



Specifications

Model	Steam capacity	Power source	Power consumption	Steam outlet diameter	Dimension, (W x D x H)	Weight
	kg/h	V/Ph/Hz	kW	mm	mm	kg
DeAir.HM-6S	6	380/3/50	3	22x1	365 x 245 x 540	8.8
DeAir.HM-8S	8	380/3/50	6	22x1	365 x 245 x 540	9.3
DeAir.HM-15S	15	380/3/50	11.5	35x1	426 x 300 x 630	13.0
DeAir.HM-30S	30	380/3/50	24.3	35x1	525 x 360 x 750	16.0
DeAir.HM-45S	45	380/3/50	34.2	35x1	525 x 360 x 750	16.5
DeAir.HM-65S	65	380/3/50	48.8	35x1	525 x 360 x 750	20.0
DeAir.HM-90S	90	380/3/50	68.5	35x2	890 x 360 x 750	33.0
DeAir.HM-130S	130	380/3/50	97.5	35x2	890 x 360 x 750	39.0



CONNECT WITH US

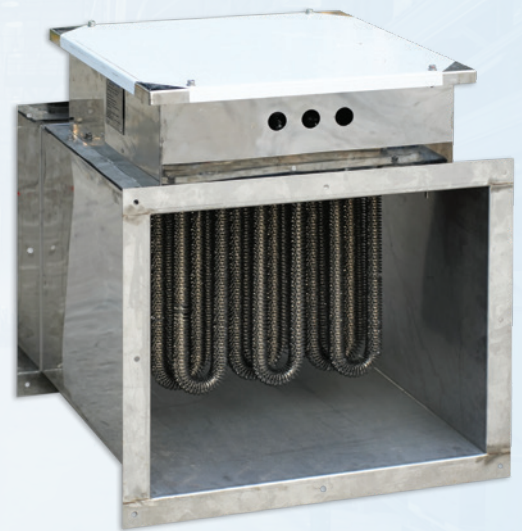


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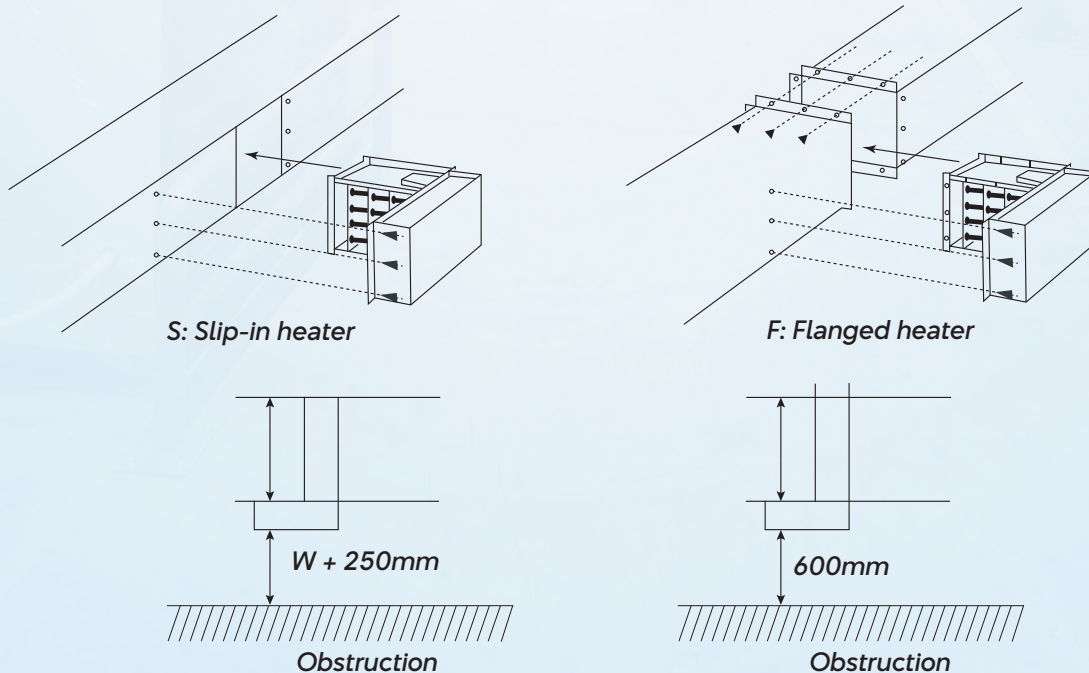
- Duct heaters heat up the air that flows in a ducting system. The duct heater can be delivered in the desired size (round or rectangular). Depending on the minimum air flow, the surface load will be set.
- Electric duct heater can use to heat air for utilities or industrial areas or as an accessory for the blower.
- The casing made of 304 stainless steel. Protection class: IP44
- Each heater has two thermostats and screw terminals for easy connection.



TYPE

Electric duct heaters are CSA and NRTL/C approved for zero clearance to combustible material. However, space should be provided to install and service the duct heater.

Please see following minimum recommended installation clearances figures.



Dehumidifiers and Air Purifier

OLMAS



Renewing Family Energy

Negative ion technology accelerates dehumidification and refreshes living space

The Olmas dehumidifiers blend powerful dehumidification and air purification furnishing drier and more comfortable atmosphere during humid days whilst elevating clean air quality for homes and offices.








Top-notch features



- Negative ION technology
- **TIMER** function setting and cancellation
- Two fan speed modes: high (**HI**) and low (**LO**)
- Automatic dehumidification mode (**AUTO**)
- Water tank full alert (**FULL**) to be drained immediately
- Low noise and energy efficiency



-  Rapid dehumidification and effective prevention of dampness
-  Air purification and bacterial removal with negative ion
-  Quick cloth drying on rainy days
-  Elegant and classy design
-  Smooth operations pertaining to quite spaces.



Technical specifications

Specifications	Measuring unit	OS-12	OS-16	OS-25	OS-55
Dehumidification capacity	L/day	12	16	25	55
Area in use	m ²	10-50	20-60	40-60	60-80
Nominal conditions	°C / %	30 / 80	30 / 80	30 / 80	30 / 80
Tank capacity	L	2	2	4	8
Operating temperature	°C	5-35	5-35	5-35	5-38
Power consumption	W	185	270	370	780
Airflow rate	CMH	125	160	180	450
Power supply	V/Hz/ph	220/50/1	220/50/1	220/50/1	220/50/1
Rated current	A	1	1.4	2.0	3.8
Noise	dBA	≤36	≤38	≤45	≤54
Refrigerant	-	R290	R290	R290	R410
Dimensions (WxDxH)	mm	255x220x470	280x200x500	350x235x578	460x302x710
Net weight	kg	11	12	14.5	26.5



INDUSTRIAL DEHUMIDIFIERS



OS-150

OS-210

OS-500

The Olmas floor-standing dehumidifiers package consists of three models including OS-150, OS-210, and OS-500. They can efficiently handle array of humidity and condensation problems at medium-size industrial ambience whose temperature ranges from 15°C to 40°C without resorting to multiple units. Likewise, they are widely utilised for industrial applications like warehouses, food and pharmaceutical factories, exact manufacturing plants, museums and galleries, and communication centres.

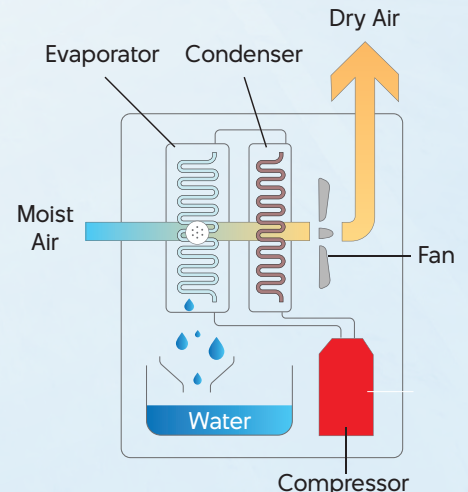
Main components

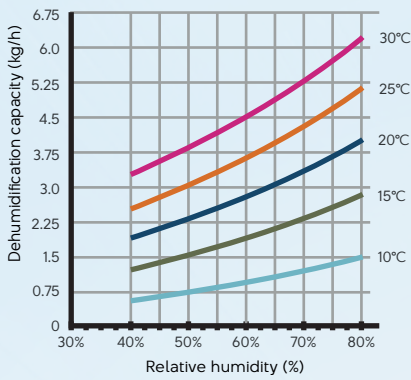
<p>E-Coating hydrophilic evaporator 40% more efficient and faster dehumidification</p>	<p>High-efficiency compressor Completion with internal cut-outs and high-low pressure protection</p>	<p>Airtight centrifugal fan Seamless working with low noise and high efficiency</p>	<p>Humidity controller Automatic and energy-saving operations</p>

Operating principle

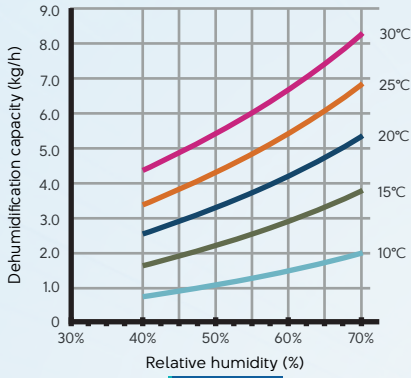
The humid air is drawn by centrifugal fans through the evaporator (cooling coils), which cools it down below its dewpoints so that the moisture condenses into water to be drained away. Simultaneously, cooled air discharges into the condenser (hot coils) to reheat. Finally, warm and dry air is released to the controlled space and continues dehumidification process.

Moreover, the following additional components are integrated for actual use to enhance smooth operations and service life, namely: the filter installed in front of the evaporator cleans air and protects evaporator coil from clogging; the defrost circuit defrosts coil under the low-temperature conditions; and the humidistat automatically controls dehumidifier.

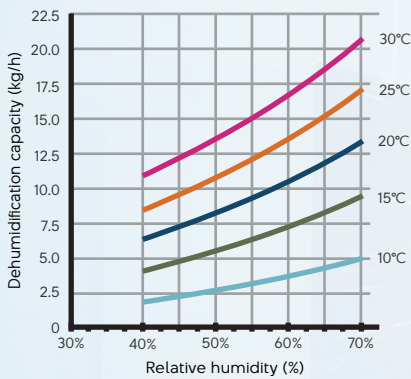




OS-150



OS-210



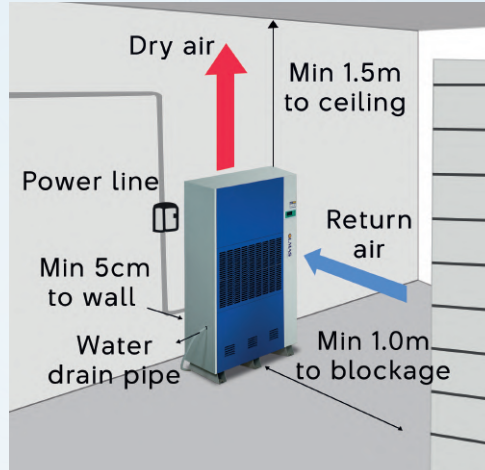
OS-500

Pinpointing proper dehumidifier size

The proper choice of dehumidifier size aims to optimise performance of moisture removal in production. Initially, it is essential to estimate the moisture load (latent load) of the project. Then, design engineers can refer to the dehumidification charts illustrated on the left side to select the most suitable model based on room RH%.

Besides, we also support you by provision of the free computer-aided selection services directly or via our officially-trained representatives in your local area. Thus, please contact your local distributor for assistance.

Installation guide



Why dehumidification?

It is reported that high relative humidity causes serious problems for production such as corrosion, product deterioration, condensation and dampness, mold growth and mildew, moisture recurrence, prolonged drying, manufacturing stagnation, and labour discomfort.

Hence, controlling appropriate moisture level not only facilitates a more comfortable working environment, but also fortifies product quality and durability.

Specifications

Model		OS-150	OS-210	OS-500
Operating temperature range	°C	5-40	5-40	5-40
Dehumidification capacity (30°C, 70%)	kg/day	150*	210	500
Airflow rate	CMH	1,500	2,000	5,000
Refrigerant	-	R407C/R410A/R134A		
Refrigerant charge	kg	1.9		3.8
Max suction pressure	MPa	1.0		
Max discharge pressure	MPa	2.5		
Power source	V/Ph/Hz	220/1/50	220/1/50 - 380/3/50	380/3/50
Nominal power consumption	kW	1.495	4.0	11.0
Dimensions (Width x Depth x Height)	mm	690x530x985	750x470x1,615	1,200x500x1,820
Net weight	kg	45	128	220
Noise	dBA	≤55	≤58	

* The nominal conditions of the OS-150 maintain 30°C/80%.



Heat Pump Dryers



DX-300D



DX-600M



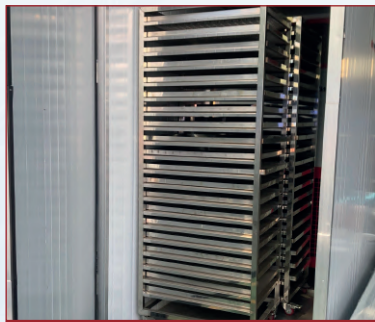
DX-1200D

The **Daxwell** heat pump dryers deliver cost-effective and efficient drying solutions for a diverse range of applications, including agricultural products, fruits, seafood, confectionery, food, and on. As engineered to operate between 25°C and 80°C with innovative and flexible design, our dryers yield exceptional performance whilst **saving 50% of operational costs compared to alternative solutions**. Beyond their powerful drying capability and versatility, the **Daxwell** dryers also spotlight compliance with food safety and hygiene, which is a crucial aspect of food processing. Moreover, the energy efficiency of these dryers remarkably contributes to production best practices, thereby **protecting environmental** and leveraging sustainable development.

Daxwell prefabricated drying unit



Panel drying room



Stainless steel trolley



Daxwell dryer

Nomenclature

Type convention:

Daxwell **.DX-xxxS**
.DX-xxxM
.DX-xxxD

3 common types of dryers based on drying temperature:

- › Drying temperature: 25-80°C (S type)
- › Drying temperature: 50-80°C (M type)
- › Drying temperature: 40-60°C (D type)

Specifications

Model		DX-300S	DX-600S	DX-300M	DX-600M
Heating capacity	Btu/h	56,980	113,961	56,980	113,961
Power consumption	kW	5.1	9.95	5.1	9.95
Temperature range	°C	25-80		50-80	
Drying capacity	m³	40-60	80-120	40-60	80-120
Rated running current	A	9.6	18.9	9.6	18.9
Option with additional heater					
Power consumption of heater	kW	9.0	15.0	9.0	15.0
Total power consumption after complementing heater	kW	14.1	24.95	14.1	24.95
Total rated running current after complementing heater	A	23.3	41.7	23.3	41.7
Power supply cable after complementing heater	mm²	4x10.0	4x16.0	4x6.0	4x16.0
Power source	V/Ph/Hz	220/1/50 - 380/3/50			
Gas type	-	R410A			
Airflow rate	CMH	3,000/6,000	6,000/9,000	3,000/6,000	6,000/9,000
Noise	dBA	72			
Dimension	WxDxH (mm)	800x1,050x1,600	1,250x1,050x1,600	800x1,050x1,600	1,250x1,050x1,600
Weight	kg	210	270	180	240
Drainage pipe	mm	21			
Power supply cable	mm²	4x2.5	4x4.0	4x2.5	4x4.0

Model		DX-300D	DX-600D	DX-1200D
Heating capacity	Btu/h	56,980	113,961	227,922
Power consumption	kW	4.75	9.75	19.2
Temperature range	°C	40-60		
Drying capacity	m³	40-60	80-120	160-240
Rated running current	A	9.0	18.5	36.5
Option with additional heater				
Power consumption of heater	kW	4.5	7.5	15.0
Total power consumption after complementing heater	kW	9.25	17.25	34.2
Total rated running current after complementing heater	A	15.8	29.9	59.3
Power supply cable after complementing heater	mm²	4x4.0	4x10.0	4x25.0
Power source	V/Ph/Hz	220/1/50 - 380/3/50		
Gas type	-	R410A		
Airflow rate	CMH	3,000	6,000	12,000
Noise	dBA	72		
Dimension	WxDxH (mm)	780x480x1,650	1,250x600x1,800	1,750x800x1,800
Weight	kg	160	220	500
Drainage pipe	mm	21		
Power supply cable	mm²	4x2.5	4x6.0	4x16.0





Desiccant Dehumidifier



About Dezenno

Dezenno desiccant dehumidifiers line is a product manufactured according to the European standards. The research and development team with over 20 years of experience in the temperature - humidity treatments for domestic and foreign constructions. The device is assembled in Vietnam with high quality standards and appropriate cost.

Dezenno always commits to the most optimal and effective solutions to control both absolute humidity and relative humidity down to a very low dewpoint for industrial applications.

Control

Airflow rate is controlled steplessly by the inverter which saves energy consumption and provides accurate airflow amount. Besides, the PLC controls cooling capacity under high demand in the industrial applications.

Super Desiccant Rotor

Dezenno uses the best-quality desiccant rotor. Its design team applies professional software to thoroughly calculate the rotor capacity matching outdoor conditions whereby the unit expected to install ensures its rated capacity. This truly caters to customer satisfaction.

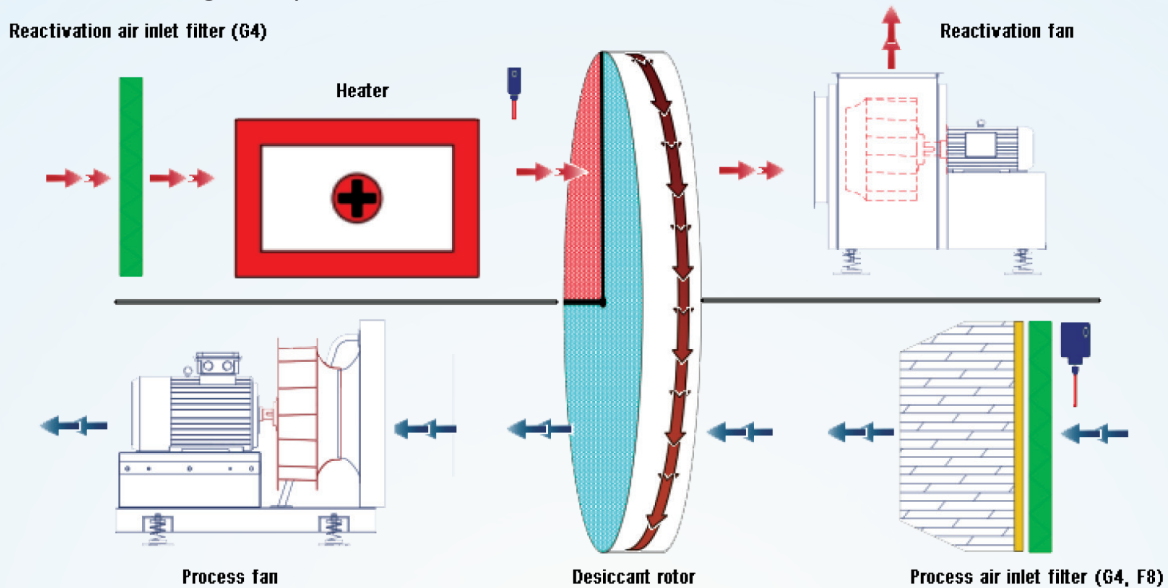
Key benefits

- › Lower capital and installation cost comparing to the combination of air-conditioner and dehumidifier.
- › Quick and simple installation.
- › Low dewpoint application.



Product description

The **Dezenno** unit's body is formed from insulated double-skin to ensure minimum cross-heat transmission, lightweight and stands heavy operational conditions. The **Dezenno** standard units comprise of following components.



Note: depending on specific requirement, electric heater can be replaced fully or partially by condenser coil for better COP.

Dezenno well-trained engineers and representatives support you during the selection process to ensure that the design, specifications, and configuration perfectly fulfil main components of your unique requirements:



Dezenno serie (specifications) - Small: 320-1200

	Dezenno-320	Dezenno-450	Dezenno-600	Dezenno-800
Process airflow rate CMH)	320	450	600	800
Dehumidification capacity (kg/h) @20°C/60%	1.4	2.4	2.74	4.6
Filter return air	F5			
Filter outdoor air	F5			
Process fan (kW)	0.2	0.25		
Process fan type	Plug fan			
Process available external static pressure (Pa)	300			
Desiccant wheel (mm)	300x100	350x100		450x100
Reactivation airflow rate (CMH)	110	150	200	267
Reactivation available external static pressure (Pa)	200			
Power source (V/Ph/Hz)	220/1/50			
Reactivation fan (kW)	0.056	0.2		
Electric heater capacity (kW)	2.4	3.6	4.8	6.0
IP	44			
Max power consumption (kW)	2.676	4.07	5.27	6.47
Dimension (WxDxH) (mm)	450x370x440	600x520x642		980x780x900
Weight (kg)	20	40		100
Noise (dBA)	59			

	Dezenno-900	Dezenno-1000	Dezenno-1200
Process airflow rate CMH)	900	1,000	1,200
Dehumidification capacity (kg/h) @20°C/60%	5.0	5.8	8.34
Filter return air	F5		
Filter outdoor air	F5		
Process fan (kW)	0.27		
Process fan type	Plug fan		
Process available external static pressure (Pa)	300		
Desiccant wheel (mm)	450x100	450x200	
Reactivation airflow rate (CMH)	300	333	400
Reactivation available external static pressure (Pa)	200		
Power source (V/Ph/Hz)	380/3/50		
Reactivation fan (kW)	0.2		0.75
Electric heater capacity (kW)	7.2	10.8	
IP	44		
Max power consumption (kW)	7.69	11.29	11.84
Dimension (WxDxH) (mm)	980x780x900	1,200x800x1,200	
Weight (kg)	120	160	300
Noise (dBA)	65		



Dezenno serie (specifications) - Standard: 1500 - 18000

	Dezenno-1500	Dezenno-3000	Dezenno-4500	Dezenno-6000	Dezenno-7500
Process airflow rate CMH)	1,500	3,000	4,500	6,000	7,500
Dehumidification capacity (kg/h) @20°C/60%	10.5	20.4	32.2	43.3	53.5
Filter return air	G4				
Filter outdoor air	G4				
Process fan (kW)	2.2	3.0	4.0	5.5	
Process fan type	Plug fan, Inverter control				
Process available external static pressure (Pa)	500				
Desiccant wheel (mm)	450x200	770x200	870x200	965x200	1,050x200
Reactivation airflow rate (CMH)	500	1,000	1,500	2,000	2,500
Reactivation available external static pressure (Pa)	300				
Power source (V/Ph/Hz)	380/3/50				
Reactivation fan (kW)	0.75	1.1	1.5	2.2	
Electric heater capacity (kW)	15.0	30.0	45.0	60.0	75.0
IP	44				
Max power consumption (kW)	18.07	34.22	50.62	67.82	82.82
Dimension (WxDxH) (mm)	1,850x1,000x1,550	2,100x1,100x1,650	2,500x1,250x1,800	2,600x1,500x2,000	
Weight (kg)	550	790	870	900	1,000
Noise (dBA)	72				

	Dezenno-9000	Dezenno-10000	Dezenno-12000	Dezenno-15000	Dezenno-18000
Process airflow rate CMH)	9,000	10,000	12,000	15,000	18,000
Dehumidification capacity (kg/h) @20°C/60%	64.3	71.5	89.0	102.6	134.0
Filter return air	G4				
Filter outdoor air	G4				
Process fan (kW)	7.5			11.0	
Process fan type	Plug fan, Inverter control				
Process available external static pressure (Pa)	500				
Desiccant wheel (mm)	1,220x200		1,370x200		1,730x200
Reactivation airflow rate (CMH)	3,000	3,333	4,000	5,000	6,000
Reactivation available external static pressure (Pa)	300				
Power source (V/Ph/Hz)	380/3/50				
Reactivation fan (kW)	2.2		3.0		4.0
Electric heater capacity (kW)	90.0	100.0	120.0	150.0	180.0
IP	44				
Max power consumption (kW)	99.82	109.82	130.62	164.12	195.12
Dimension (WxDxH) (mm)	3,000x1,600x2,170		3,200x1,700x2,520		3,500x2,300x2,820
Weight (kg)	1,150	1,200	1,300	1,400	1,600
Noise (dBA)	72				



Dezenno.MAX

Air Handling Unit



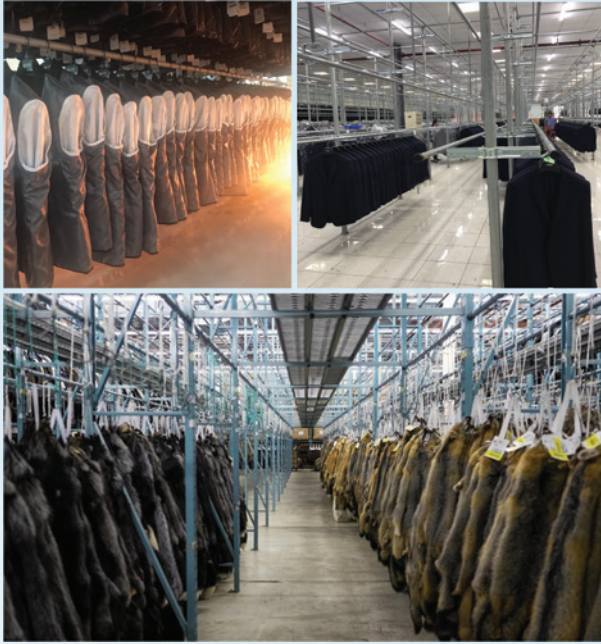
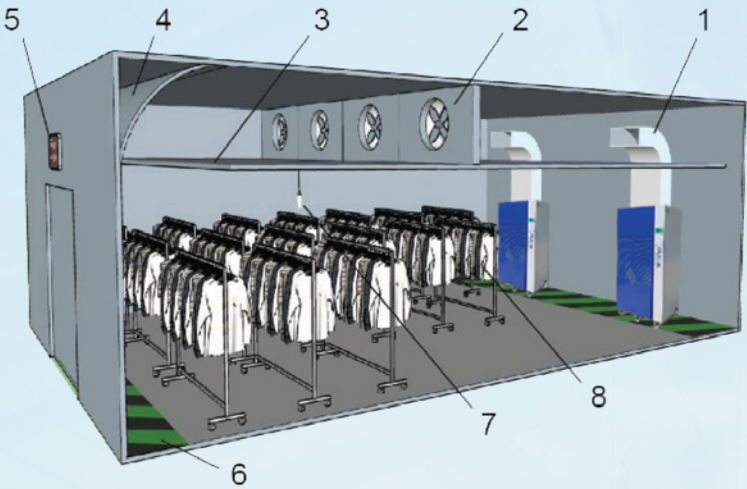
The **Dezenno.MAX Air Handling Unit** is specifically designed to fulfil the indoor air quality requirements. Its airflow ranges from 1,000 to 51,000 CMH and up to a total static pressure of 2,000 Pa. Owing to the special design, the air flow can reach 100,000 CMH. Besides, **Dezenno.MAX** units are also equipped with the AMCA- certified fans for superior performance and UL certified filters attaining higher dust holding capacity with lower pressure drop.

Dezenno.MAX AHUs has formulate solid frame based on high- strength extruded Aluminium. Additionally, its thermal-barrier feature uses three leg-fibre plastic corner pieces of 25 or 50mm Polyurethane insulation panel and all frames are the thermal-break profile. The external clip method holding the double skin PU insulation panel is accessible for maintenance while being air tight.

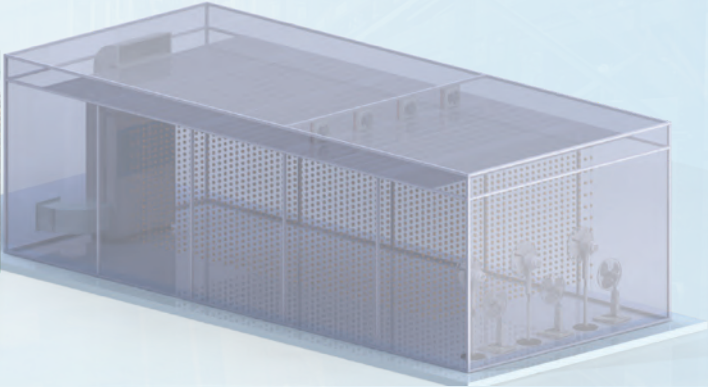
Dezenno.MAX AHUs can provide excellent thermal efficiencies and to be airtight. Besides, **Dezenno.MAX** units produced is with flexibility features to meet the indoor air quality, operating efficiency, sound levels and installation requirements for today's extensively commercial and customisable markets. A comfortable environment can enhance human's life quality.



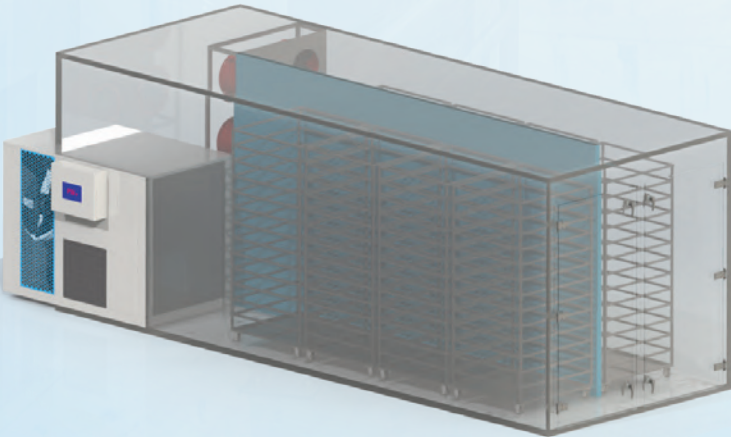
DRYING SOLUTIONS



▲ DRYING APPLICATIONS FOR GARMENT INDUSTRY



▲ APPLICATIONS DRYING PERSIMMONS



▲ ENERGY SAVING HEAT DRYING APPLICATIONS



▲ DRYING MANGA



▲ DRYING ARTIFICIAL POWDER



▲ DRYING FRUITS



▲ DRYING SEAFOOD



▲ DRYING WOODS



▲ DRYING BAMBOO RATTAN



▲ DRYING SOFT CAPSULES



▲ DRYING COCONUT

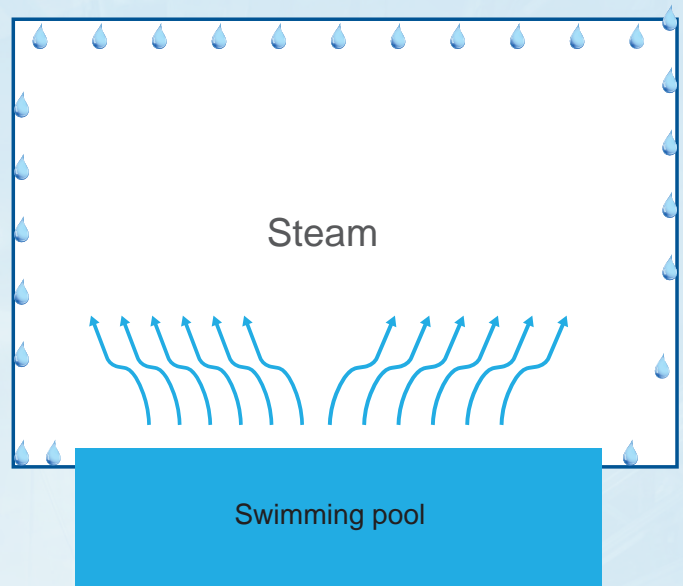
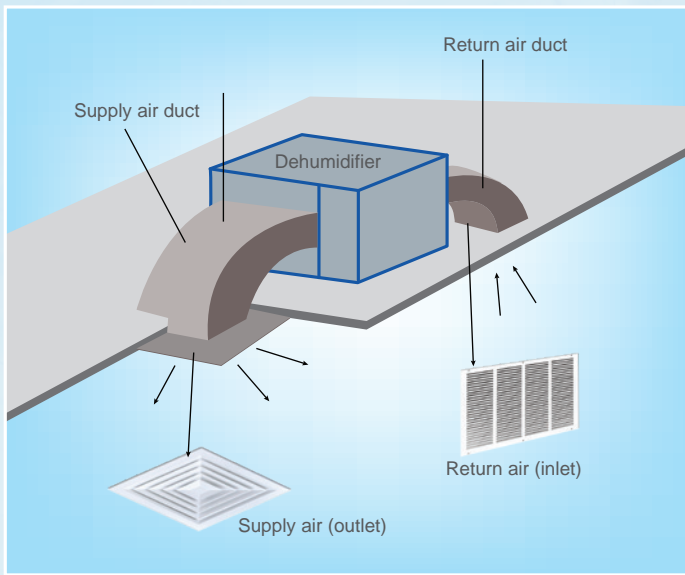
Solutions for pool

MOISTURE TREATMENT SOLUTION FOR INDOOR SWIMMING POOLS

COSMETICS - SPACE SAVING - SAFETY



In modern buildings such as hotels, high-rise apartments, gymnasiums, international schools, and private villas, wellness areas like gyms and swimming pools are increasingly common. These facilities often feature substantial water bodies, particularly warm and hot water pools, which contribute to significant levels of evaporation. Without proper humidity management, this evaporation can lead to excessively high humidity levels within these spaces, potentially resulting in:

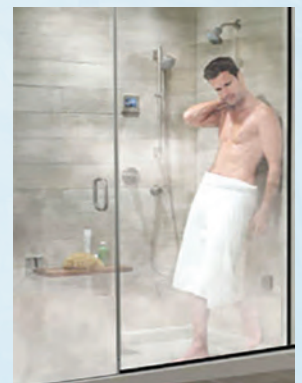
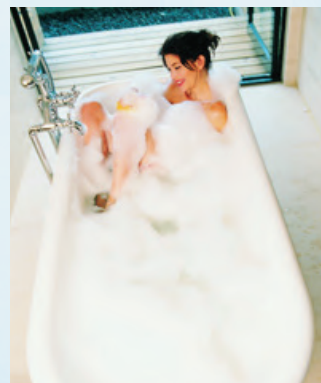


_ Deterioration of building materials and equipment: High humidity accelerates the degradation of materials, equipment, and furnishings due to mould, mildew, and corrosion, especially when combined with chlorine-based water treatment chemicals.

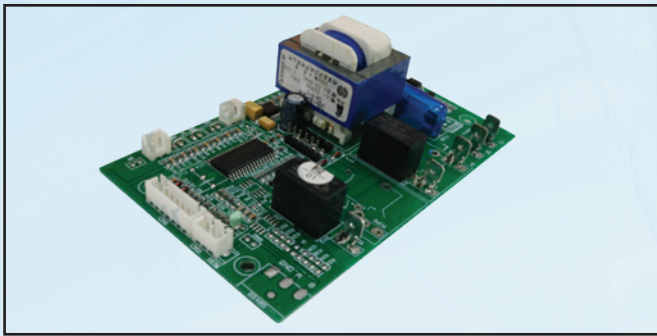
_ Health and safety risks: Elevated humidity fosters mould growth, compromising indoor air quality and posing health risks to occupants, potentially leading to respiratory issues and allergies

_ Dew condensation: In cooler environments, high humidity causes condensation on surfaces, potentially leading to structural damage, staining, and mould growth.

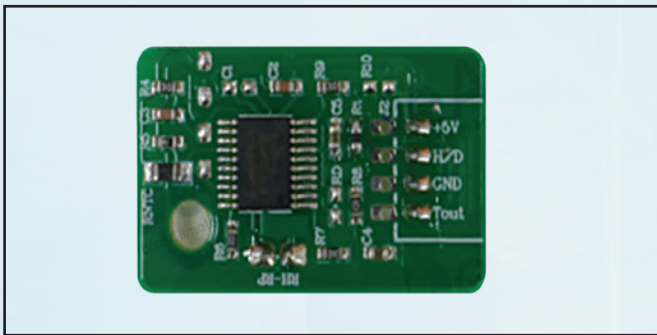
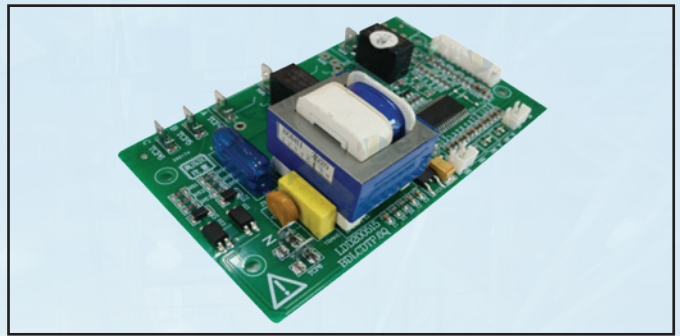
_ Cumulative moisture sources: Swimming pools, Jacuzzis, bathrooms, saunas, and decorative water features contribute to a significant moisture load, requiring effective humidity control.



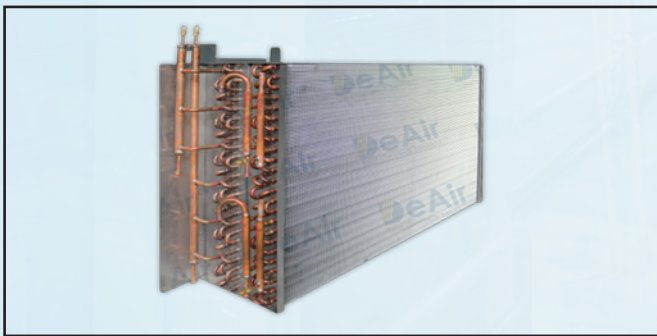
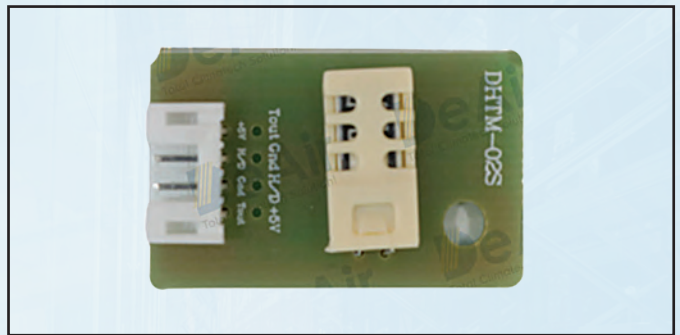
After-sales service & components for moisture treatment industry



▲ CONTROL BOARD



▲ SENSOR BOARD



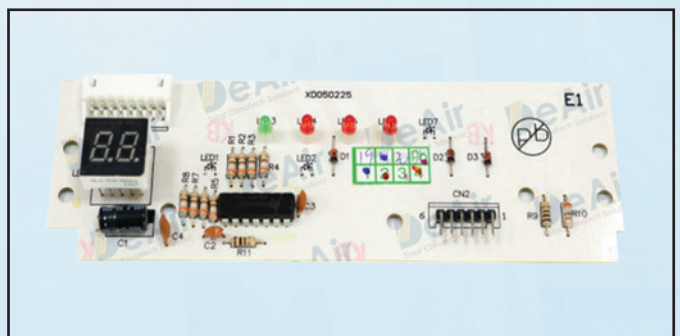
▲ COOLING-CONDENSING COIL



▲ HIGH-EFFECT COMPRESSOR



▲ PROCESS FAN



▲ DISPLAY BOARD



DeAir Joint Stock Company provides a comprehensive the first 2-year warranty and maintenance service for all DeAir manufactured dehumidifiers and those distributed under the Olmas brand.

Committed to exceeding customer expectations, DeAir continually strives to enhance our pre- and post-sales services, including:

- **Providing comprehensive on-site support:** Our experienced technical teams are readily available to assist with installation and ensure the product operates optimally according to design specifications and consultations.
- **Facilitating knowledge transfer:** We encourage open dialogue and knowledge sharing with our clients through consultations and training sessions conducted at DeAir's facilities or the client's location. These sessions cover product knowledge, features, and operational best practices.
- **Offering responsive online and hotline support:** DeAir provides 24/7 online support via our website and Facebook page, along with a dedicated hotline to address any inquiries regarding products, services, and warranties. Our established grievance redressal mechanism ensures prompt and effective resolution of any concerns.
- **Delivering proactive maintenance:** We offer complimentary periodic maintenance checks every three months during the warranty period. Clients receive advance notification and confirmation to minimise disruption to their operations.
- **Guaranteeing customer satisfaction:** We offer a 30-day satisfaction guarantee, providing free product replacement if any defects are found or if clients are dissatisfied with our services.
- **Providing comprehensive system support:** In addition to maintenance and repairs, DeAir offers regular inspections of temperature and humidity control systems to ensure optimal performance and identify potential issues. We also provide support for improving existing systems to enhance efficiency and longevity.
- **Ensuring expert technical assistance:** Our highly trained technicians are equipped to provide expert care for your equipment.
- **Offering readily available genuine spare parts:** We maintain a comprehensive inventory of genuine spare parts to meet your needs quickly and efficiently, ensuring your equipment operates at peak performance and meets the highest standards of functionality, quality, and stability.
- **Delivering customised consultations:** Our dedicated customer service team provides expert advice to help you select the best solutions for your needs and budget.
- **Maintaining transparency:** Whilst we offer a comprehensive warranty, customers are responsible for the cost of repairs falling outside the manufacturer's stipulated warranty coverage.
- **Providing value-added services:** We offer additional benefits such as free part replacements, ongoing consultation throughout the product lifespan, and cost-effective maintenance packages after the warranty period.
- **Seeking continuous improvement:** We conduct annual customer satisfaction surveys to gather valuable feedback and ensure we are meeting your evolving needs. We also express our gratitude through small tokens of appreciation.





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