

Dehumidifier Catalogue



EED0001-C-1901





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DH ORIGINS.

OASIS was founded in 1910 and from the very beginning, innovation is what characterized the company. Back in 1947, one of OASIS's owners, Louis Benua, designed the first ever electric dehumidifier for his brother, Tom Sr., who operated a clothing store and had a dampness problem in his storage area.

Due to his prior experience with refrigeration systems used in water coolers, first established as EBCO Manufacturing Company in Columbus, OH, Louis's new design was so successful that it became the forerunner of OASIS's first commercial dehumidifier introduced in 1949.

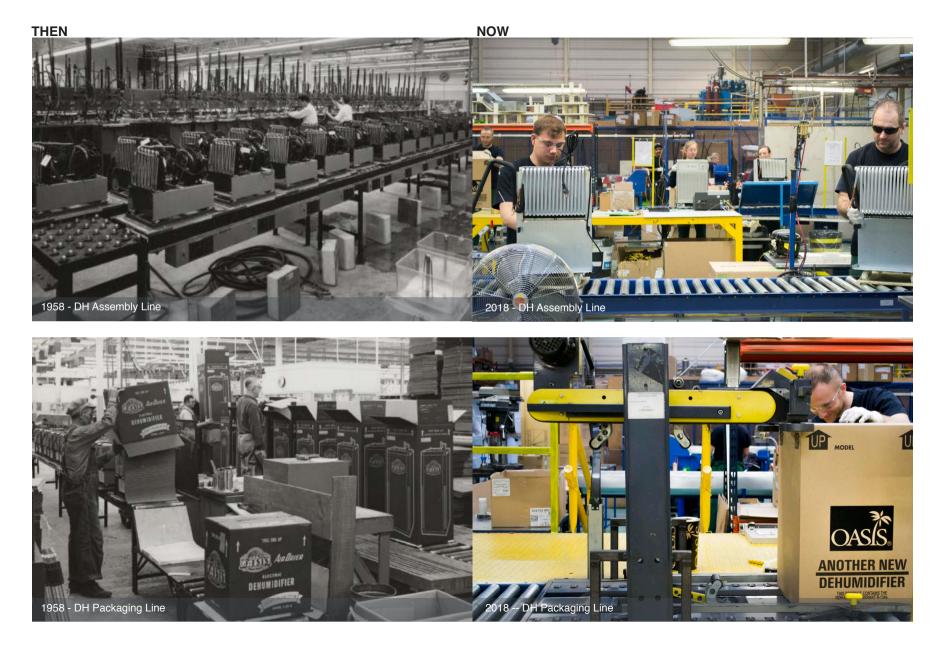
OASIS has been a market leader ever since, focused on continuous improvements to its product range and product additions for new applications. Moreover, environmental responsibility is also a top priority for the company. We are proud to say our new lineup of R290 refrigeration systems will be introduced across the entire range from 2019.

60 years of high quality manufacturing in state-of-the-art facilities. OASIS is a global manufacturer of various dehumidifiers. Our modern production facility located in Poland ensures the highest of quality standards. Together with ISO 9001:2008 and ISO 14001:2004, our lean manufacturing and system approach combined with the use of advanced technologies, and a welltrained staff is a continuation of our heritage in the dehumidifier industry.



Does dampness and clammy air keep you from using and enjoying your basement? Does woodwork warp? Do clothes mildew? Does laundry dry slowly? Do tools and equipment rust? Do pipes sweat? If they do, it's a sign there's a Moisture Monster in your basement, cheating you of valuable, usable space.





OASIS DEHUMIDIFIERS

chamber testing.

Performance is real when you can prove it

Our environmental chamber is capable of testing units up to 200 litres per day at 30°C and 80%RH, allowing us to conduct simulations of real working environments for dehumidifiers around the world. Constant quality control from each production batch proves the highest of quality and performance of OASIS dehumidifiers.



APPLICATIONS

Applications for dehumidifiers around the world are countless. Such devices are used for preventive actions, maintenance works, as well as water damage restoration or environment control in industrial and residential areas. The damage costs derived from humidity problems often outweigh the precautions taken to prevent them.

Dampness and high relative humidity can lead to problems ranging from health problems to costly damage of industrial machinery, stored goods, buildings construction or household appliances and furniture.

There are several causes of dampness:

- Basic groundwater soaking due to poor insulation.
- High humidity caused by weather conditions like rain or melting snow.
- Flooding.
- Industrial processes with high temperature.

Dehumidifiers are a simple preventive solution in construction and building site areas, test rooms, production facilities, pharmaceutical production and storage, textile industry, museums and archives, libraries, medical facilities, house estates and many others.

OASIS offers a wide range of professional dehumidifiers for both residential and industrial applications.



DEHUMIDIFIERS

Control your humidity with one tailored to your needs...









evolution X

D140 evolution X D220 evolution X D270 evolution X

OASIS SD range

D220 SD D270 SD

evolution / classic

D140 evolution / D75 D220 evolution / D125 D270 evolution / D165

evolution **R**

D140 evolution R D220 evolution R D270 evolution R









evolution / classic

Special Features

- Efficient and proven technology
- High quality = longevity
- Compact size
- Advanced defrost system available
- Great quality-performance-price ratio

Standard Equipment

- Humidistat control
- Hot gas defrost system
- Four rotary wheels with lock function
- Polymer mesh air filter
- Continuous drain connection
- Automatic float switch for water container with indication light

The classic **evolution** dehumidifiers have withstood the test of time with its timeless design and engineering as the world's first electric dehumidifier. Each cabinet is built with long-lasting laminated steel, equipped with an efficient refrigeration system that features an automatic humidistat control and an auto-defrost system.

Every model comes with ergonomic handles and wheels to allow for easy maneuvering in tight areas. The overflow protection automatically shuts off the unit when the condensate bucket is full. A versatile design allows it to be used across various applications to reduce ambient humidity.

This is a classic OASIS product at an affordable price.



Model	Weight Power			Air Flow			
	(kg)	Consumption (Watts)	10°C, 70% RH	20°C, 60% RH	27°C, 60% RH	30°C, 80% RH	(m³/h)
D140 evolution / D75	23	280	3.8	4.3	7.6	14.6	425
D220 evolution / D125	23.5	300	6.4	7.4	12.8	22.5	510
D270 evolution / D165	23.5	400	8	9.5	16.6	27.2	510

Available Colours: Options: Salt&Pepper • White • Black&Yellow • Custom

Hour Meter
 Power Meter







evolution **R**

Special Features

- Increased cabinetry durability
- Efficient and proven technology
- High quality = longevity
- Compact size
- Advanced defrost system available
- Great quality-performance-price ratio

Standard Equipment

- ON/OFF switch
- Hot gas defrost system
- Four reinforced rotary wheels
- Polymer mesh air filter
- Continuous drain connection
- Automatic float switch for water container with indication light

The **evolution R** dehumidifiers are the highly mobile iteration of our **classic/evolution** range.

Using the same proven refrigeration system, every product comes equipped with a reinforced metal grille and strength-tested robust wheels for field applications in construction sites as well as for archival and storage areas.

The product can be customized with an automatic humidistat control or a simple ON/OFF switch when simplicity is desired.



Model Weight (kg)	Weight Power		Capacity (litres / 24h)				
	Consumption (Watts)	10°C, 70% RH	20°C, 60% RH	27°C, 60% RH	30°C, 80% RH	Air Flow (m³/h)	
D140 evolution R	23	280	3.8	4.3	7.6	14.6	425
D220 evolution R	23.5	300	6.4	7.4	12.8	22.5	510
D270 evolution R	23.5	400	8	9.5	16.6	27.2	510

Available Colours: **Options:**

- Metallic Grey
 Black&Yellow
 Custom
- Condensate Pump Drainkit
 Hour Meter
 Power Meter







evolution X

Special Features

- Heavy duty cabinetry design
- Attractive vintage look
- Efficient and proven technology
- High quality = longevity
- Compact size
- Advanced defrost system available
- Great quality-performance-price ratio

Standard Equipment

- Steel louvered two-piece grille
- Humidistat control
- Hot gas defrost system
- Four reinforced rotary wheels
- Polymer mesh air filter
- Continuous drain connection
- Automatic float switch for water container with indication light

Continuous improvement is the key. Further developments and refinements in hot gas defrost have allowed us to create an even more efficient refrigeration system in our **evolution X** range while maintaining the same power consumption as prior models.

Electronic Sensor Defrost is now available for any device with the 140, 220 and 270 designation. Manufactured in Europe with a steel louvered two-piece grille design, the **evolution X** is a favorite for residential use as well as museums and libraries, where the prevention of mold is of primary concern.



	Weight	Power	Capacity (litres / 24h)				
	(kg) Consun (Watts)	Consumption (Watts)	10°C, 70% RH	20°C, 60% RH	27°C, 60% RH	30°C, 80% RH	Air Flow (m³/h)
D140 evolution X	24	280	3.8	4.3	7.6	14.6	425
D220 evolution X	24.5	300	6.4	7.4	12.8	22.5	510
D270 evolution X	24.5	400	8	9.5	16.6	27.2	510

Available Colours: Options:

- Metallic Grey
 White
 Custom







OASIS SD range

Special Features

- Robust panel design cabinetry
- Fully closed cabinetry design
- Efficient and proven technology
- High quality = longevity
- Compact size
- Advanced defrost system available
- Great quality-performance-price ratio

Standard Equipment

- Steel grille
- ON/OFF switch
- Hot gas defrost system
- Four reinforced rotary wheels
- Polymer mesh air filter
- Continuous drain connection
- Steel panels construction
- Ergonomic foldable side handles
- Container compartment door
- Cord hanger
- Automatic float switch for water container with indication light

Our **OASIS SD** range is designed with a greater focus on durability and usability. This range fits perfectly in environments where ruggedness and high abuse are the norm.

The increased robust construction of this dehumidifier is made possible with its full steel-paneled cabinet enclosure. The **SD** range comes in capacities of 22 and 27 litres of water per day with reinforced polymer wheels and folding side handles for ease of lifting during transportation.

The **OASIS SD** is ideal for commercial and industrial purposes ranging from construction companies to drying equipment rental companies.



	Weight Power		Capacity (litres / 24h)				Air Flow
Model	(kg) (Watts)	10°C, 70% RH	20°C, 60% RH	27°C, 60% RH	30°C, 80% RH	(m³/h)	
D220 SD	28	300	6.4	7.4	12.8	22.5	510
D270 SD	28.5	400	8	9.5	16.6	27.2	510

Available Colours: • Grey • Black&Yellow • Custom

Options:

Condensate Pump Drainkit
 Hour Meter
 Power Meter







OASIS HD range

Special Features

- Robust panel design cabinetry
- Large transportation wheels with ergonomic central handle
- Efficient and proven technology
- High quality = longevity
- Compact size
- Advanced defrost system available
- Great quality-performance-price
 ratio

Standard Equipment

- Steel grille
- ON/OFF switch
- Hot gas defrost system
- Two large 250mm rubber wheels
- Steel central pull handle
- Polymer mesh air filter
- Continuous drain connection
- Steel panels construction
- Container compartment door
- Cord hanger
- Automatic float switch for water container with indication light

The **OASIS HD** is a further adaptation in the design of the compact commercial and industrial dehumidifier without compromising on its features. Similar to the **SD** range, every dehumidifier is built from steel panels, providing high resistance in harsh environments where maneuvering is challenging.

The ergonomic central pull handle and large rubber wheels allow for maneuvering across uneven and rugged terrains with ease.

As a well-known and respected refrigeration system with multiple defrost systems, this unit allows for the customization of additional features to fulfill every individual customer requirement.

Model Weight	Weight Power			Air Flow			
	Consumption (Watts)	10°C, 70% RH	20°C, 60% RH	27°C, 60% RH	30°C, 80% RH	(m³/h)	
D220 HD	36	300	6.4	7.4	12.8	22.5	510
D270 HD	36.5	400	8	9.5	16.6	27.2	510

Available Colours: • Grey • Black&Yellow • Custom

Options:

Condensate Pump Drainkit
 Hour Meter
 Power Meter







IP54

Special Features

- Condensate pump factory equipped
- Hour meter factory equipped
- IP54 class rating

Standard Equipment

- Steel grille
- ON/OFF switch
- Hot gas defrost system
- Four reinforced rotary wheels
- Polymer mesh air filter
- Condensate pump
- Steel panels construction

The **IP54** is an enhancement of the **OASIS SD** dehumidifier that has achieved compliance with the **IP54** rating.

This high performance industrial dehumidifier has been engineered and certified for operation in dust-laden environments where the unit may be exposed to water sprays.

As a standard, the **IP54** is equipped with an hour meter and a condensate pump. Sharing a similar cabinet style to the **SD** range, this unit provides excellent strength and functional characteristics which is ideal for laboratory rooms and testing facilities.



	Weight	Power		Capacity (I	itres / 24h)		Air Flow
	(kg) Consumption (Watts)	10°C, 70% RH	20°C, 60% RH	27°C, 60% RH	30°C, 80% RH	(m³/h)	
D270 IP54	29.5	400	8	9.5	16.6	27.2	510

Available Colours:

• Galvani <!-- Generator: Adobe Illustrator 21.0.0, SVG Export Plug-In -->









DHG500

Special Features

- High performance in compact size
- Robust design
- Large transportation wheels
- Retractable central handle
- Stackability
- Ergonomic side handles for lifting
- Electronic control panel

Standard Equipment

- Steel cabinetry design
- Electronic control panel with unit operation info
- Hot gas defrost system
- Two large 250mm rubber wheels
- Steel central pull handle retractable
- Folded side handles
- Polymer mesh air filter
- Continuous drain connection
- Cord hanger

The **DHG500** model was introduced to satisfy all customers who require higher condensate collection from their dehumidifiers. With its high performance at 30°C and 80% RH, this model collects 50 litres of water per day while consuming only 900W.

Decades of experience have allowed us to develop a product that is specific to the needs of construction companies, drying equipment companies, damage recovery companies, as well as any other professional applications while maintaining the quality of our products.

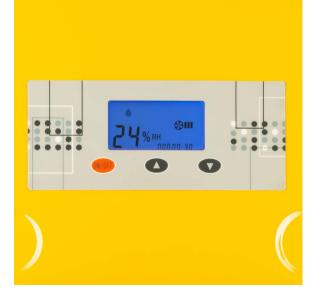
Beyond its high performance, our newly retrofitted pull handle offers greater stackability for storage and shipment, together with a strong steel support frame to allow for heavy lifting with construction cranes.

Every unit is also equipped with an electronic LCD control panel, providing a modern intuitive user interface while bringing out the best in OASIS design and engineering.

Model Weig (kg)	Weight	Power		Capacity (I	itres / 24h)		Air Flow
			10°C, 70% RH	20°C, 60% RH	27°C, 60% RH	30°C, 80% RH	(m ³ /h)
DHG500	38	900	8	22	29	50	350

Available Colours:

Black&Yellow
 Custom







D800 HD



Special Features

- High capacity of 80 litres / 24h in 30C/80RH
- High air flow of 1600 m³/h
- Robust design
- Large transportation wheels and central handle

Standard Equipment

- ON/OFF switch
- Hot gas defrost system with DPS control
- Two large 250mm rubber wheels
- Steel central pull handle
- Air filter
- Continuous drain connection
- Steel panels construction
- Container compartment door
- Cord hanger
- Automatic float switch for water container with indication light

The **D800 HD** is the top-of-the-line dehumidifier for those who require the highest performance in professional applications. With its mighty refrigeration system and air flow of 1600 m³/h, the **D800 HD** collects 80 litres of water at 30°C and 80% relative humidity.

Its robust steel panel design and rugged chassis allows for operation in the toughest conditions. Coming in a compact size relative to its performance, every unit comes with a pair of large 250mm rubber wheels to provide excellent handling.

Utilizing a hot gas defrost system with DPS allows for operation under an extensive temperature range for its size. The **D800 HD** is ideal for large storage areas and professional applications.

Model	Weight	Power		Capacity (I	itres / 24h)		Air Flow
	$(ka)^{-}$	Consumption (Watts)	10°C, 70% RH	20°C, 60% RH	27°C, 60% RH	30°C, 80% RH	(m³/h)
D800 HD	72	1700	27	50	63	80	1600

Available Colours: • G

Grey
 Black&Yellow
 Custom

Options: • Condensate Pump • Hour Meter • Power Meter







TECHNICAL SPECIFICATIONS.



Product	evolution / classic		
Model	D140 evolution / D75 classic	D220 evolution / D125 classic	D270 evolution / D165 classic
Weight (kg)	23	23.5	23.5
Dimensions (cm)	60h x 38w x 36d	60h x 38w x 36d	60h x 38w x 36d
Power consumption (Watts)	280	300	400
Capacity (litres / 24h) :			
10°C, 70% H	3.8	6.4	8
20°C, 60% H	4.3	7.4	9.5
27°C, 60% H	7.6	12.8	16.6
30°C, 80% H	14.6	22.5	27.2
Air Flow (m³/h)	425	510	510
Refrigerant	R134a	R134a	R134a
Refrigerant Charge Weight	287	300	320
Power Supply	220-240V, 50/60Hz	220-240V, 50/60Hz	220-240V, 50/60Hz
Hot Gas Defrost System	Standard	Standard	Standard
Thermostat Defrost System	Option	Option	Option
Electronic Sensor defrost System	Option	Option	Option
Grille/Cabinet	Plastic/Metal 1pc	Plastic/Metal 1pc	Plastic/Metal 1pc
Wheels	4 x 50mm	4 x 50mm	4 x 50mm
Handles	Side	Side	Side
Drainage System	Yes	Yes	Yes
Operating Control	Mechanical Hygrostat	Mechanical Hygrostat	Mechanical Hygrostat
Air Filter	Yes	Yes	Yes

Product	evolution R		
Model	D140 evolution R	D220 evolution R	D270 evolution R
Weight (kg)	23	23.5	23.5
Dimensions (cm)	60h x 38w x 36d	60h x 38w x 36d	60h x 38w x 36d
Power consumption (Watts)	280	300	400
Capacity (litres / 24h) :			
10°C, 70% H	3.8	6.4	8
20°C, 60% H	4.3	7.4	9.5
27°C, 60% H	7.6	12.8	16.6
30°C, 80% H	14.6	22.5	27.2
Air Flow (m³/h)	425	510	510
Refrigerant	R134a	R134a	R134a

	1				
Dimensions (cm)	60h x 38w x 36d	60h x 38w x 36d	60h x 38w x 36d	60h x 38w x 37d	60h x 38w x 37d
Power consumption (Watts)	280	300	400	300	400
Capacity (litres / 24h) :					
10°C, 70% H	3.8	6.4	8	6.4	8
20°C, 60% H	4.3	7.4	9.5	7.4	9.5
27°C, 60% H	7.6	12.8	16.6	12.8	16.6
30°C, 80% H	14.6	22.5	27.2	22.5	27.2
Air Flow (m³/h)	425	510	510	510	510
Refrigerant	R134a	R134a	R134a	R134a	R134a
Refrigerant Charge Weight	287	300	320	300	320
Power Supply	220-240V, 50/60Hz	220-240V, 50/60Hz	220-240V, 50/60Hz	220-240V, 50/60Hz	220-240V, 50/60Hz
Hot Gas Defrost System	Standard	Standard	Standard	Standard	Standard
Thermostat Defrost System	Option	Option	Option	Option	Option
Electronic Sensor defrost System	Option	Option	Option	Option	Option
Grille/Cabinet	Metal/Metal 1 pc	Metal/Metal 1 pc	Metal/Metal 1 pc	Metal panels	Metal panels
Wheels	4 x 50mm	4 x 50mm	4 x 50mm	4 x 50mm	4 x 50mm
Handles	Side	Side	Side	Side	Side
Drainage System	Yes	Yes	Yes	Yes	Yes
Operating Control	Mechanical Hygrostat <i>or</i> ON/OFF	Mechanical Hygrostat <i>or</i> ON/OFF	Mechanical Hygrostat <i>or</i> ON/OFF	ON/OFF	ON/OFF
Air Filter	Yes	Yes	Yes	Yes	Yes

OASIS SD Range

D270 SD

28.5

D220 SD

28

Product	evolution X			OASIS HD Range	
Model	D140 evolution X	D220 evolution X	D270 evolution X	D220 HD	D270 HD
Weight (kg)	24	24.5	24.5	36	36.5
Dimensions (cm)	60h x 38w x 36d	60h x 38w x 36d	60h x 38w x 36d	60h x 55w x 37d	60h x 55w x 37d
Power consumption (Watts)	280	300	400	300	400
Capacity (litres / 24h) :					
10°C, 70% H	3.8	6.4	8	6.4	8
20°C, 60% H	4.3	7.4	9.5	7.4	9.5
27°C, 60% H	7.6	12.8	16.6	12.8	16.6
30°C, 80% H	14.6	22.5	27.2	22.5	27.2
Air Flow (m³/h)	425	510	510	510	510
Refrigerant	R134a	R134a	R134a	R134a	R134a
Refrigerant Charge Weight	287	300	320	300	300
Power Supply	220-240V, 50/60Hz	220-240V, 50/60Hz	220-240V, 50/60Hz	220-240V, 50/60Hz	220-240V, 50/60Hz
Hot Gas Defrost System	Standard	Standard	Standard	Standard	Standard
Thermostat Defrost System	Option	Option	Option	Option	Option
Electronic Sensor defrost System	Option	Option	Option	Option	Option
Grille/Cabinet	Metal/Metal 1 pc	Metal/Metal 1 pc	Metal/Metal 1 pc	Metal panels	Metal panels
Wheels	4 x 50mm	4 x 50mm	4 x 50mm	2 x 250mm	2 x 250mm
Handles	Side	Side	Side	Central	Central
Drainage System	Yes	Yes	Yes	Yes	Yes
Operating Control	Mechanical Hygrostat	Mechanical Hygrostat	Mechanical Hygrostat	ON/OFF	ON/OFF
Air Filter	Yes	Yes	Yes	Yes	Yes

Product	IP54	DHG500	D800 HD
Model	D270 IP54	DHG500	D800 HD
Weight (kg)	29.5	38	72
Dimensions (cm)	60h x 38w x 37d	65h x 42w x 46d	97h x 64w x 52d
Power consumption (Watts)	400	900	1700
Capacity (litres / 24h) :			
10°C, 70% H	88	8	27
20°C, 60% H	9.5	22	50
27°C, 60% H	16.6	29	63
30°C, 80% H	27.2	50	80
Air Flow (m³/h)	510	350	1600
Refrigerant	R134a	R410a	R410a
Refrigerant Charge Weight	320	405	101
Power Supply	220-240V, 50/60Hz	220-240V, 50Hz	220-240V, 50Hz
Hot Gas Defrost System	Standard	Standard	Standard
Thermostat Defrost System	Option	NA	NA
Electronic Sensor defrost System	Option	NA	Standard
Grille/Cabinet	Metal panels	Metal panels	Metal panels
Wheels	2 x 250mm	2 x 250mm	2 x 250mm
Handles	Side	Central/Side	Central
Drainage System	Pump STD	Yes	Yes
Operating Control	ON/OFF	Electronic	ON/OFF
Air Filter	Yes	Yes	Yes



CERTIFICATIONS & APPROVALS.



ISO 9001: 2008 Quality management systems



ISO 14001: 2004 Environmental management systems

CCA-NTR/ CB/ EMC



Conformity with European Directives: LVD - Low Voltage Directive and EMC - Electromagnetic Compatibility Directive



UL Low Lead Certification



SASO

(Certificate of Conformity for Exports to Saudi Arabia) - Statement for Registration



CCC

The China Compulsory Certificate mark, necessary for products imported, sold or used in the Chinese market.

* Please note this list is not exhaustive.

WHY OASIS

There are many reasons to choose OASIS as your solution to your air or water dilemma. Here are just a few

- Our products are Industry leading
- We are reliable
- Our designs are ethical
- Variety of products
- Economical
- Our team can aid you with their specialist knowledge, technical support and advice
- Our flexible and friendly approach
- We can create bespoke units; tailored to your needs

ELIMINATING THE MOISTURE MONSTER, SINCE 1949



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