

INSTRUCTION MANUAL

Air dehumidifier

Series AD 740



This instruction manual shall not be reproduced, copied and distributed, neither in parts nor completely, without the manufacturer's written permit.

All rights reserved.

The instruction manual is based on the technical and product-specific parameters. The manufacturer reserves the right to add supplementary information to the instruction manual.

Any use of the dehumidifier outside the specified conditions and contrary to its designated use shall lead to the forfeiture of all guarantee claims.

As of: 05_2018

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1 Notes on this instruction manual

This instruction manual is part of the product. It contains important information on how to transport, install, operate, store and dispose of the air dehumidifier manufactured by **AERIAL** properly and safely. Therefore keep this instruction manual in a safe place. In the section below you will find information about the target groups of this instruction manual and the conventions used in this document.

Target groups

This instruction manual addresses all users / operators of the air dehumidifiers manufactured by **AERIAL**. These persons must have read and understood the instruction manual. The physical and psychological requirements for proper and safety-conscious handling of the dehumidifiers must always be met.

Conventions

In this instruction manual you will find notes preceding the operating steps described to warn you of possible hazards.



Type and source of hazard

This symbol in connection with the word "Danger" warns of a high risk of severe injury or acute danger to life.

- ➔ Measures to avert danger or immediate measures if the risk occurs are described in this way



Type and source of hazard

This symbol in connection with the word "Warning" warns of a risk involving severe injury.

- ➔ Measures to avert danger or immediate measures if the risk occurs are described in this way



Type and source of hazard

This symbol in connection with the word "Caution" warns of a risk of minor or moderate injury and material damage.

- ➔ Measures to avert danger or immediate measures if the risk occurs are described in this way



In this box you find further tips and information concerning the use of the air dehumidifiers.

2 Safety

Safety devices

The air dehumidifier AD 740 was subjected to thorough safety testing. Improper operation or misuse will cause danger to:

- the operator,
- the machine and other material property of the user,
- efficient operation of the machine.

All persons involved in the installation, commissioning, operation, maintenance and repair of the air dehumidifiers must

- be properly qualified,
- closely observe the instructions set out in this manual.

Hazards from accessories

Waste water hoses and air filters must be properly installed and must not disable the protection devices of the air dehumidifiers. The operating elements must always be accessible.

Authorized operator

Operation of or other work on the air dehumidifier may only be carried out by persons commissioned and instructed by the user. In the working area the operator is responsible to third parties.

Responsibilities for the various activities on the air dehumidifiers must be clearly defined and observed. Unclear competencies are a safety risk.

The user must:

- make the instruction manual accessible to the operator and
- make sure that the operator has read and understood the instruction manual.

Safety instructions

The air dehumidifier must **not** be used under the following conditions:

- in rooms with potentially explosive atmospheres.
- in rooms with aggressive atmospheres, e.g. ammonia, wood acids, chemicals, excessive chlorine content etc.
- in rooms with water with a pH value outside the range from 7.0 to 9.0.



In case of lower pH values there is risk of corrosion for all metals and risk of damage to mortar-containing materials (joints). Higher pH values cause skin and mucous membrane irritations and increased lime deposits.

- in rooms with salt or liquids with a salt content > 1% (incl. brine baths).
- in rooms with ozone-treated air.
- in rooms with high solvent concentration.
- in rooms with extreme dust load.



Please note that excessive air movements in the room may impair the function of the air dehumidifier because they could disturb the air flow of the dehumidifier.

In addition the following must be observed when using the air dehumidifier:

- Work on electrical equipment may only be carried out by skilled electricians.
- Original spare parts or spare parts approved by the manufacturer shall exclusively be used.
- In the event of any malfunction the air dehumidifier must be switched off and secured against unintended restarting.

3 Performance description

You bought an air dehumidifier manufactured by **AERIAL** and thus decided for a well-proven product "Made in Germany".

Designated use

The air dehumidifier is designed exclusively for dehumidifying air at atmospheric pressure in enclosed indoor rooms.

The air dehumidifier can prevent the formation of condensation water, remove excessive humidity and keep humidity at a defined constant level.

Operating the dehumidifiers within the limits of designated use also involves observing the specified operating conditions (refer to page 12).

Any use of the air dehumidifier not in conformity with or going beyond the designated use is considered contrary to its designated use and will result in the forfeiture of all warranty claims.



The operating time of the air dehumidifier until drying of the room and the humidity to be reached depend largely on the ambient conditions in the room in which the air dehumidifier is installed.

Scope of delivery

- Air dehumidifier
- Water collecting tank
- one instruction manual

Optional components

- Pump-out kit
- Dewpoint kit to recognize thawing
- Condensate drain hose

Device description

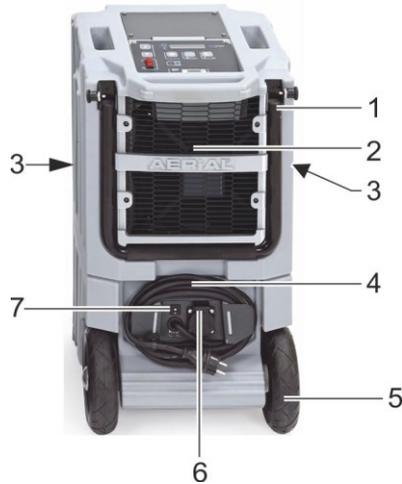


Fig. 1: Air dehumidifier AD 740

1	Handle	5	Wheels
2	Front wall (air outlet)	6	Plug socket
3	Fastening points for straps	7	Fuse for plug socket 6 A
4	Cable winder		

The air dehumidifier AD 740 is provided with two transport wheel and a fold-up handle. Lashing straps can be attached laterally to the device. The fused plug socket serves for connecting further devices.

The water collecting tank is located in the air dehumidifier (Fig. 2, item 4). The fill level of the water collecting tank is measured via a float, and the air dehumidifier is switched off when the tank is full

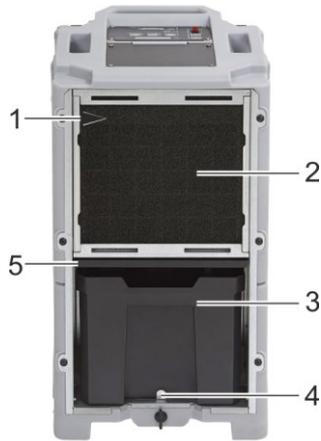


Fig. 2: Series AD740 air dehumidifier (rear view)

1	Room sensor	5	Defrosting tray
2	Air intake area with air filter	6	Condensate drain pipe for condensate drain hose
3	Water collecting tank	7	Handle for removing the refrigeration circuit
4	Bucket locking device	8	Connection for a pump-out kit or dewpoint kit

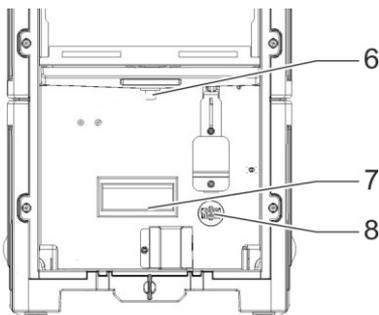


Fig. 3: Rear view without water collecting tank



Fig. 4: Defrosting tray

4 Optional components

Pump-out kit for condensate

Optionally the air dehumidifier can be equipped with a pump-out kit. Ask your **AERIAL** dealer for the "pump-out kit". It can be installed in just a few steps and can be removed just as quickly, too.

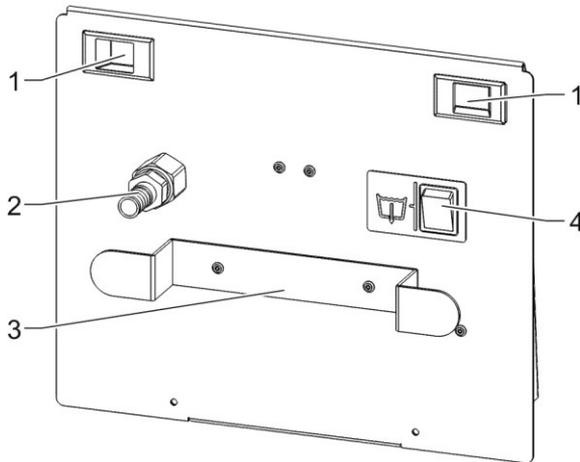


Fig. 5: Pump-out kit for air dehumidifier AD 740

1	Sliding connection	3	Cable winder
2	Drain pipe for hose connection 15 x 2 mm	4	Button for manual pumping (before transport of air dehumidifier)

5 Transport and installation

Transport



Danger to life due to electric shock!

Touching live parts can lead to death. Spillage of condensate on live parts can cause electric shock.

- Switch off the air dehumidifier via the On/Off switch, and disconnect the power plug from the socket outlet before moving the unit.
- Empty the water collecting tank.



Crushing hazard due to loss of stability when used on uneven surfaces or ramps, uncontrolled rolling-off, slipping or tipping-over!

Loss of stability or uncontrolled movements may cause serious injuries and material damage.

- The air dehumidifier should be transported upright.
- Always secure the air dehumidifier against tipping or slipping.
- Always place the device on a level and firm surface.
- For models with castors or wheels use, if required, additional devices to prevent uncontrolled rolling-off.
- Avoid use on ramps or inclined planes; use suitable equipment to prevent tipping, slipping or rolling.



Danger of injury due to unfavourable posture and high weight!

The air dehumidifier is heavy.

- When moving or transporting the device always use the transport handles.
- Lift the device with a colleague or use suitable lifting and transport equipment, as required.



Material damage due to wrong handling of the handle

- Do not apply force.
In case of correct handling the handle can be moved without effort.



Material damage

Pulling the power cable may damage the cable.

- Always disconnect the power plug from the socket outlet before transport.
- Always use the carrying handles to transport the air dehumidifier.
- Free air circulation must be ensured. The air openings – also the rear and lateral openings – must not be covered. The free space in front of the lamellae and air filter must be at least 1 meter; however, for optimum air circulation in the room it should be considerably larger.

1. Report any obvious damage to the carrier, parcel service, postal service etc. immediately on delivery and note down the damage on the shipping document or carrier's document.
2. Remove the packaging material completely and dispose of according to the local regulations.
3. Check the delivery (refer to page 6) for completeness.
4. Should any transport damage be detected after unpacking of the air dehumidifier, or should the delivery be incomplete, contact your salesman in charge or specialized dealer without delay.



We recommend to keep the packaging to ensure safe shipment of the air dehumidifier in case of any warranty claim.

5. Use the carrying handles to transport the air dehumidifier to the place of installation.

Installation

Proceed as follows to install and transport the air dehumidifier:

1. Install the air dehumidifier in a place in conformity with the operating conditions on a flat surface (see below).
2. Ensure that the condensate can always be reliably collected or discharged.

Operating conditions

Air dehumidifiers are intended for mobile or stationary use in closed rooms, on building sites, in water works, indoor swimming pools, garages and storage rooms.

The air dehumidifiers works without problems in the temperature range from +1 deg. C to +34 deg. C and in the humidity range from 35 to 99 percent relative humidity.

In case of lower or higher temperatures, the unit switches off automatically. Using the appliance in rooms with lower temperatures is inefficient and can result in icing.

Storage of the air dehumidifier at impermissible temperature conditions can result in damage / problems in case of immediate switching-on.

In case of storage below 0 °C the device must first be allowed to acclimatize to the room temperature before use. Therefore allow the air dehumidifier to adjust to the temperature before switching it on.

The suitable location for the air dehumidifier features:

- 230 V / 50 Hz power outlet
- Flat ground
- Free space of 1 meter minimum in front of the air outlet lamellae and air filter, better more!

Select the location in a way to ensure optimum circulation of the dehumidifier air in your room.

The air dehumidifier must be installed on a flat ground.



By using an air dehumidifier humidity values of 30% r. h. can be reached. If lower values are required an adsorption dryer must be used. Contact your technical advisor.

In case of doubts about the operating conditions your technical advisor can help you.

Electrical connection



Danger to life due to electric shock

- ➔ Prior to commissioning the technical data of the air dehumidifier must be compared with the conditions prevailing in the room of installation!

The following items must be checked prior to electrical connection of the air dehumidifier:

- The mains voltage must be in conformity with the voltage of the air dehumidifier!
- Socket outlet and supply system must be sufficiently fused!
- In damp locations or on building sites a residual current circuit breaker must be installed!
- The appliance coupler must be suitable for the building socket outlet!
- The socket outlet used must be grounded properly!

Connect the power cable to the power outlet.

Connect condensate drain hose



Material damage / insufficient performance due to improper connection of condensate drain hose

- ➔ Without water collecting tank The rear hose end must be in a lower position than the front hose end (drain pipe): minimum slope 5%, i. e. 5 cm / meter.
- ➔ Do not immerse the hose end in water (water back-up may occur).
- ➔ Never bend the hose.

- ➔ Do not place any objects on the hose.
- ➔ Check regularly whether condensate is properly discharged.

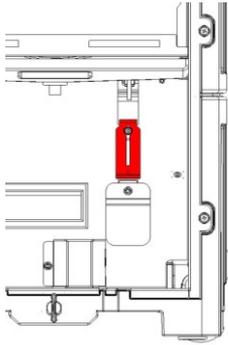


Fig. 6: Cover plate with water collecting tank

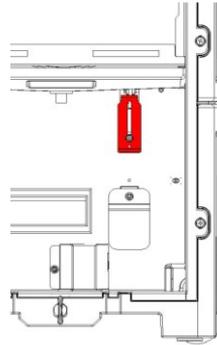


Fig. 7: Cover plate without water collecting tank

1. Unlock the water collecting tank at the bucket locking device (fig. 2, item 4 on page 8).
2. Remove the water collecting tank.. The cover plate behind it is not in front of the recess (fig. 6).
3. Slacken the screw on the upper cover plate, and position the cover plate in front of the recess (fig. 7). Retighten the screw.
4. Attach the condensate drain hose to the condensate drain pipe (Fig. 2, item 6) and fix it with a hose clamp.
5. Lay the hose with a slope (min. 5%, i.e. 5 cm / per meter) from the air dehumidifier to an outlet.



If the air dehumidifier is placed in an elevated position, the hose can also be directed down through the hole in the device bottom.

6 Operation and operator control



Danger of injury and damage to appliance

Inadmissible ambient conditions or improper operation of the air dehumidifier may constitute a risk.

- ➔ Read the instruction manual before commissioning the air dehumidifier.

Operating elements

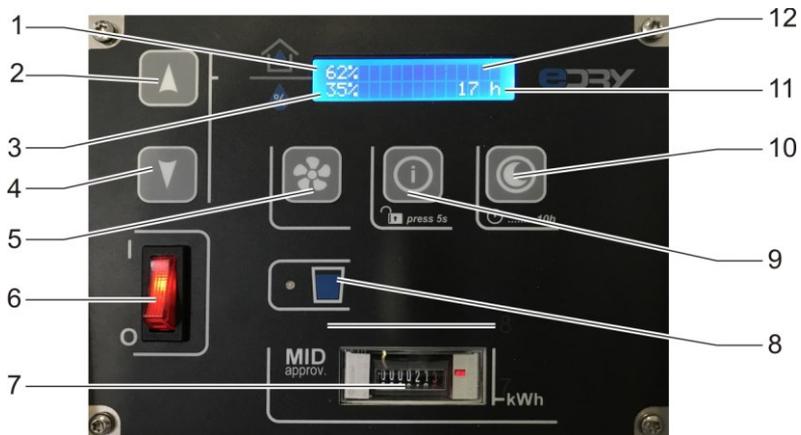


Fig. 8: Operating panel

1	Current room humidity	7	Watt meter (MID)
2	Arrow key for increasing room humidity	8	Display for water collecting tank full
3	Target room humidity	9	Info button
4	Arrow key for decreasing room humidity	10	Night mode
5	Stepwise fan setting	11	Operating hours
6	On / off switch	12	Display

The energy consumption of the units connected to the unit socket (figure 1, item 6 on page 7) is not counted by the calibrated watt meter (item 7).

Commissioning

The air dehumidifier must have been properly installed and connected (chapter 5, from page 10) before it can be commissioned.



Before commissioning the air dehumidifier allow it to rest in its final position for about 15 minutes after transport. During this time, the oil distributed in the cooling system and churned up by transport will flow back to the compressor. This procedure will extend the service life of the compressor.

1. Connect the power cable to the power outlet.
2. Ensure that the water tank is installed in the air dehumidifier or a drain hose (option) has been properly fitted and laid to a collecting vessel or an outlet.
3. Press the On/Off button (Fig. 8, item 6) on the operating panel. If the air dehumidifier has been correctly connected and the existing humidity is higher than the set humidity value, the air dehumidifier will start to work. The last values for hygostat, language and fan step are taken over, where applicable.

Operator control

1. Use the arrow keys for lowering or increasing the room humidity to set the requested humidity.

If the existing humidity is higher than the set value, the air dehumidifier will start to work. If the existing humidity is lower than the set value the air dehumidifier will not start to work.

During operation condensate is produced. This condensate can either be fed directly to an outlet via the condensate drain hose or collected in the water tank. The air dehumidifier switches off when the water collecting tank is full.

- Empty the water collecting tank as soon as it is full. In this case the red lamp on the operating panel is on. After re-inserting the water tank into the air dehumidifier, the air dehumidifier switches automatically on again.

Automatic defrosting:

During dehumidification ice may build up on the evaporator. The volume of ice depends on the ambient conditions in the room to be dehumidified.

The air dehumidifier features automatic hot-gas defrosting. If the evaporator ices, the unit will defrost automatically. After defrosting the air dehumidifier works again in the standard dehumidification mode.

For living space, climate conditions of 20 – 25 °C and 55 – 65% r. h. are recommended. For quick building drying the hygostat is set to continuous operation.



For drying and keeping rooms with wood furnishing (e. g. parquet flooring) or paintings, antiques etc. dry, a minimum moisture of 55 – 60% must be observed.

In case of doubt please contact your technical advisor.

Button	Press briefly	Press for 5 s	Display
	Lower the room humidity in 1 percent steps	Lower the room humidity in 5 percent steps	
	Increase the room humidity in 1 percent steps	Increase the room humidity in 5 percent steps	
	Switching on the air dehumidifier Switching off the air dehumidifier		Start 45% 12345h (flashing)

	Changing the fan steps Step 2: Increased fan performance Step 1: Lower fan performance	fan speed high fan speed low
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When "Stop" or "Start" flashes on the display, operation is impossible.

Set language

Button	Press briefly	Press for 5 s	Display
	Switching off the air dehumidifier		Stop (flashing)
	Press 1 x Temperature display of humidity sensor Press 2 x Language display		80% room 22C Verd. -12C 12 Language English
	Key lock activated if no key or button is pressed for 2 min. after switching-on. "Key lock" appears if arrow or fan button is pressed.	Key lock deactivated by pressing info button	Key Key lock deactivated

	<p>Select language (EN, DE, FRA, ITA, SWE, NOR, FIN) <i>Wait 3 sec. until flashing stops-> language saved</i></p>	<p>Language Francais</p>
	<p>Night mode activated Device runs 10 hours countdown mode at low fan speed, than at high fan speed</p>	<p>Night mode 09:59 45% 12345h</p>
	<p>Switch air dehumidifier on again</p>	

7 Maintenance and service



Danger of injury by electric shock and risk of material damage

- ➔ Always observe the general safety instructions when performing any maintenance and service work!
- ➔ Switch the air dehumidifier off and pull the power plug before cleaning and inspection.
- ➔ Entrust only trained expert staff with inspection and any work inside the air dehumidifier.



Danger of burns due to contact with hot surfaces of the cooling circuit!

- ➔ Work on inside components may only be carried out by the manufacturer or personnel authorised by the manufacturer.



Danger of suffocation due to refrigerant leakage in closed rooms during maintenance work!

- ➔ Work on inside components may only be carried out by the manufacturer or personnel authorised by the manufacturer.



Dust hazard!

During cleaning with compressed air dust is released into the atmosphere.

- ➔ Clean foam filter from outside and inside with a vacuum cleaner, if necessary wash and dry it.
- ➔ Clean the device with compressed air only in an open environment;
- ➔ wear protective mask and protective goggles during this work.



WARNING

Danger of cuts from the rotating fan blade and grilles during maintenance!

- ➔ Do not reach into the air inlet and outlet grilles on the rear and front of the device.
- ➔ Repairs or maintenance work may only be carried out by the manufacturer or personnel authorised by the manufacturer.



WARNING

Danger of injury due to sharp-edged lamellae

- ➔ Wear protective gloves during cleaning of the heat exchanger.



WARNING

Danger of injury due to flammability of the refrigerant and danger of poisoning due to toxicity!

- ➔ Maintenance and repair work may only be carried out by the manufacturer or personnel authorised by the manufacturer.



CAUTION

Damage to the device

- ➔ Cleaning agents can cause damage to surfaces. Use only mild detergents.

Cleaning and inspection

The cleaning intervals depend largely on the operating conditions. Therefore check your air dehumidifier regularly.

In order to guarantee trouble-free functioning of the air dehumidifier also in continuous operation the air dehumidifier - in particular the air filter - must be checked and cleaned at regular intervals.

Proceed as follows:

1. Switch air dehumidifier off.
2. Pull the power plug.
3. Clean the air filter, if necessary replace it.
4. Visual inspection: Defrosting tray (see Fig. 4, page 8), drain pipe and any hoses connected.

5. Insert new or cleaned filter. Use only original filters to guarantee proper functioning of the air dehumidifier.
6. Connect power cable.
7. Switch air dehumidifier on.

The air dehumidifier is ready for operation again and can be switched on by the On / Off switch, if required.

Spare parts and customer service

If you have any question concerning the air dehumidifier, or if you need spare parts, please contact your authorized dealer or the customer service.

8 Troubleshooting

If problems arise with the dehumidifier please check the following points. Should the fault not be located please contact your technical advisor.



Danger of injury by electric shock and risk of material damage

- ➔ The air dehumidifier may only be repaired by trained specialized staff. Within the warranty period, any work on the dehumidifier shall only be carried out by the manufacturer or persons commissioned by the manufacturer. Any work carried out by unauthorized persons shall lead to the forfeiture of all warranty claims!

Fault messages

Display	Possible meaning	Remedy
Fault	<p>Sensor problem</p> <p>Loss of coolant</p> <p>Filter soiled</p> <p>Fan defective</p> <p>Compressor defective</p>	<p>Get in touch with AERIAL Service</p> <p>Get in touch with AERIAL Service</p> <p>Clean or, if required, replace the filter.</p> <p>Get in touch with AERIAL Service</p> <p>Get in touch with AERIAL Service</p>
Pump defective	Pump defective	Get in touch with AERIAL Service
Empty bucket	Water collecting tank full	Empty water collecting tank
Room temperature	Outside temperature for 2 min. <1 deg. C or >35 deg. C	The unit will start up automatically, when the temperature is >5 deg. C or <30 deg. C again.

Faults

Problem	Possible cause	Remedy
Air dehumidifier shows poor or no humidification performance.	The ambient humidity is lower than 35% r. h. or the ambient temperature is less than +1 °C. Under these conditions operation of the air dehumidifier is uneconomical.	<p>Switch the air dehumidifier off.</p> <p>Tip: Set the hygrostat to an achievable value (e.g. to about 50 percent relative humidity) to ensure that the air dehumidifier will switch off in time in respect of the ambient humidity.</p>
		Clean or, if required, replace

Problem	Possible cause	Remedy
	The air filter is severely soiled. The air flow is insufficient. In the long run, soiled filters can cause damage to the air dehumidifier.	the filter. Tip: perform maintenance as described in chapter 7 at regular intervals! Use only original AERIAL air filters.
	Compressor and/or fan motor are/is defective.	Entrust a specialized company with the repair of the air dehumidifier.
The fan of the air dehumidifier is out of operation, the compressor is working.	The air dehumidifier is in defrost mode. The compressor continues to run, not, however, the fan.	After a few minutes, the fan will automatically start again.
The air dehumidifier is out of operation / Fan and compressor are not working.	Air dehumidifier switched off.	Switch the air dehumidifier on.
	Air dehumidifier without power supply.	Have the power cable, the plug connection, any extension cable used, the plug socket and the building fusing checked by an expert. Connect the power cable, if necessary.

	<p>The water collecting is tank full</p> <p>The humidity set on the hygrostat has been reached.</p>	<p>Empty the water collecting tank and re-insert it into the air dehumidifier.</p> <p>The air dehumidifier will automatically re-start when the 5% of the set humidity are exceeded.</p>
<p>Severe icing of cooling coil (evaporator). An ice block builds up.</p>	<p>Automatic defrosting system defective</p>	<p>Get in touch with AERIAL Service</p>
<p>The humidity set on the hygrostat is not achieved or the air dehumidifier does not automatically switch off.</p>	<p>Hygrostat set to a value < 45% r. h.</p>	<p>Depending on the ambient conditions your air dehumidifier can reach a minimum value of 30% r. h. Set the hygrostat to an achievable value (e. g. to about 50% r. h.) to ensure that the air dehumidifier will switch off in time.</p>
	<p>The air dehumidifier is not sufficiently dimensioned for the application.</p>	<p>Room temperature, air exchange rate and open water surfaces, if any, are decisive for the humidity load of the room. Ask your specialized dealer to calculate the capacity required for your application.</p>

9 Shutdown, storage and disposal

Shutdown

If you do not need the air dehumidifier for a longer period of time you can shut it down for some time. To do so proceed as follows:

1. Use the on/off button (see page 15, Fig. 8, item. 6) to switch the air dehumidifier off.
2. Pull the power plug.
3. If necessary, cover the air dehumidifier with a cloth to protect it from dust.

Storage

To store a single air dehumidifier we recommend to proceed as follows:

1. Package the air dehumidifier using cardboard.
2. Store the air dehumidifier in conformity with the specified operating conditions (refer to page 12).

The air dehumidifier can be stacked for storage.



Danger of injury

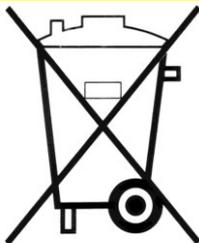
- Never stack more than two air dehumidifiers.
- Always secure the air dehumidifiers against tipping.



Material damage due to wrong handling of the handle

- Do not apply force.
In case of correct handling the handle can be moved without effort.

Disposal



Please do not dispose of this air dehumidifier with the domestic waste. Dispose of this air dehumidifier in accordance with the legal regulations.

10 Specifications



Many different components installed in an air dehumidifier decide also on its dehumidifying performance. Since these components can never be completely identical the actual performance according to DIN EN 810 may deviate by up to 5% from the specified performance.

General data		
Power supply	230 V / 50 Hz	
Protection class	IP X4	
Protection for indoor swimming pools	RCCB to be installed by user	
Operating conditions	+ 1 °C to + 34 °C	35% r. h. to 99% r. h.

Type	Unit	AD 740
Air circulation rate		
Fan speed I	m ³ / h	450
Fan speed II	m ³ / h	550
Power consumption	watt max.	650
Noise level	dB (A)	51
Dimensions H x W x D	mm	690 / 390 / 470
Weight	kg	32
Refrigerant (filling quantity)	kg	R407C (0.38)
GWP		1774
CO ₂	t	0.67
Dehumidifying performance / power consumption at:		
30 °C / 80% r. h.	l / 24 h	37
	watt	520
27 °C / 60% r. h.	l / 24 h	23
	watt	430
20 °C / 60% r. h.	l / 24 h	16.5
	watt	390
10 °C / 70% r. h.	l / 24 h	8

watt	320
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11 EU Declaration of Conformity

EC Declaration of Conformity

according to EC machinery directive 2006/42/EC, Annex II, 1.A

Manufacturer	Person established within the Community who is authorised to compile the technical documents
Dantherm GmbH Oststrasse 148 D - 22844 Norderstedt	Manfred Föhlisch Dantherm GmbH Oststrasse 148 D - 22844 Norderstedt

Description and identification of the machine

Product	Air dehumidifier
Type	AD740
Project number	Aerial AD740
Function	The air dehumidifier serves for dehumidifying air at atmospheric pressure in enclosed indoor rooms. It can prevent the formation of condensation water, remove excessive humidity and keep humidity at a defined constant level. The air dehumidifier is intended for mobile or stationary use in indoor areas, on building sites, in water works, indoor swimming pools, garages and storage rooms.

It is expressly declared that the machine is in conformity with all relevant provisions of the following EC directives or regulations:

2006/42/EC	Directive 2006/42/EC of the European Parliament and of the Council of May 17, 2006 on machinery and amending Directive 95/16/EC (revised version)(1) Published in in L 157/24 dated 09-06-2006
2014/35/EU	Directive 2014/35/EU of the European Parliament and of the Council of February 26, 2014 on the harmonisation of the laws of the Member States relating to the making available of electrical equipment designed for use within certain voltage limits on the market Published in in L 96/357 dated 29-03-2014
2014/30/EU	Directive 2014/30/EU of the European Parliament and of the

Council of February 26, 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (revised version)
Published in in L 96/79 dated 29-03-2014

Reference to the applied harmonised standards as referred to in Article 7(2):

EN ISO 12100:2010-11	Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010)
EN 60335-2-40/A1:2006-04	Safety of electric appliances for domestic use and similar purposes - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers
EN 60204-1:2006/A1:2009	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
EN 378-2:2016	Refrigerating systems and heat pumps - Safety and environmental requirements - Part 2: Design, construction, testing, marking and documentation
EN 60335-1:2012/AC:2014	Safety of electric appliances for domestic use and similar purposes - Part 1: General requirements IEC 60335-1:2010 (modified)
EN 60335-1:2012/A11:2014	Safety of electric appliances for domestic use and similar purposes - Part 1: General requirements IEC 60335-1:2010 (modified)

Norderstedt, 22-05-2018

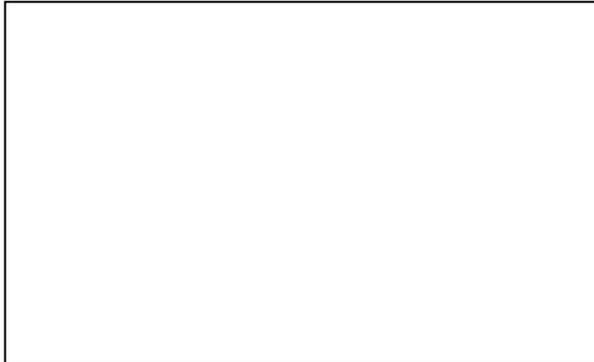
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