

# DE'LONGHI COMFORT

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AIR TREATMENT

2016/2017  
collection



KLIMASKLEP, ul. Orzechowa 3, 72-010 Przësocin (koło Szczecina)  
tel.: (91) 432-43-42, tel.: (91) 432-43-49  
e-mail: sklep@klimasklep.pl, www: www.KlimaSklep.pl



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# De'Longhi Comfort

Since the founding of De'Longhi, we have been manufacturing appliances for home comfort. We provide solutions suitable for every need in any season, from heating to cooling, from dehumidifying to air cleaning.

Our products are thought to provide the ideal comfort to the indoor environment, and to respect the outdoor environment.

Our technologies ensure effective performances and bring special innovations.

Our design is distinctive, to pleasantly furnish any house, worldwide.



## Air treatment



A home's true comfort depends on temperature and humidity control. When the air is too dry or too humid, it can make the rooms uncomfortable. De'Longhi, global leader in air treatment technology, has designed and created a complete range of air treatment appliances for the house. Thanks to the experience gained by De'Longhi and to its constant dedication to research and experimentation, each air treatment product is a reliable and durable lifelong companion

### Dehumidifiers

High-tech dehumidifiers with sophisticated technology for the elimination of excess humidity and the maintenance of constant levels of comfort around the home.

### Air purifiers

Air cleaning devices help to control the level of airborne allergens, particles or gaseous pollutants in the home. Air cleaners are designed to make living spaces more comfortable.

### Humidifiers & Vaporizers

Air humidifiers capable of transforming a dry environment into a pleasant, healthy room.



# Dehumidifiers

Perfect in every season and for every environment, De'Longhi dehumidifiers solve the problem of excess moisture in the walls, preventing the formation of mold and unpleasant odors.



## PUMP SYSTEM



The dehumidifier DD30P is equipped with an internal innovative and patented device that continuously evacuates the condensation water collected without having to empty the tank. Specially suitable for basements.

## Dehumidifier

## DD 30P



- High capacity unit: it removes up to 30 l/24 h of excess moisture.
- Included pump to continuously discharge the water even overriding obstacles.
- High water tank capacity: 6 litres.
- Electronic antifreeze device (down to 5 °C).
- Humidistat to set the desired humidity level.
- Thermometer and hygrometer to measure the temperature and humidity conditions in the room.
- 2-speed ventilation.
- Castors & handles for ease of transportation.
- 24 hours On/Off timer.
- "Tank Control System": the unit stops operating when the tank is full.
- Washable dust filter.
- Accessory included:
  - 1 m hose for passive moisture drainage
  - 5 m hose for pump system.



continuously discharge



electronic control



wheels



The new range of De'Longhi dehumidifiers designed to bring perfect harmony to any environment, eliminating the problem of excessive moisture in the air. Powerful, compact and multifunctional, De'Longhi AriaDry Compact prevents the growth of mould and bacteria making your home a healthy and comfortable environment.

## Dehumidifier

DDS 30 COMBI - DDS 25 - DDS 20P - DDS20



### COMMON FEATURES

- High dehumidifying capacity up to 30 l/24 h.
- Humidity setting.
- Timer setting up to 24 hours on-off.
- Thermometer and hygrometer to measure the temperature and humidity conditions in the room.
- 3 ventilation speeds.
- Four different power levels: AUTO, MAX, MED, MIN.
- Dry clothes function.
- Fan function (AUTO, MAX, MED, MIN).
- "Tank Control System": the unit stops operating when the tank is full.
- Double condensate elimination system: the extracted humidity can be collected in the tank or discharged through a pipe without interruption.
- Water tank capacity: 4.5 litres.

- Visible water level.
- Practical, washable and easy access air filter.
- Electronic antifreeze device (down to 2 °C).
- Auto-restart in case of blackouts.
- Castors & handles for ease of transportation.

### DDS 30 COMBI

- Highest performance provided by the combination of the dehumidifying function and the ceramic heater power.
- Dry clothes and dry clothes extra power.

### DDS 20P

- Included pump to continuously discharge the water even overriding obstacles.



continuous drainage



drying clothes function



wheels



## The MULTI PURPOSE dehumidifier

Traditional dehumidifiers help remove excess humidity from the environment. The new De'Longhi AriaDry Multi (DEX series) brings dehumidification to the next level: its state-of-the-art technology, combined with a stylish design, guarantees multiple benefits & effectiveness in any condition and environment, with low noise emissions and superior energy efficiency.

## Dehumidifier

DEX 16F - DEX 16 - DEX 14 - DEX 12



### COMMON FEATURES

- Electronic anti-frost device (down to 2 °C).
- Double condensate elimination system to discharge the removed humidity: directly into the tank or continuously through the provided pipe.
- Water tank capacity: 2.1 litres.
- Visible water level.
- Tank Control System.
- Integrated handle for maximum portability.
- Dry clothes function.

### DEX 16F

- Bio Silver Tech Filtering System and anti-allergy filter to effectively remove harmful bacteria and allergens.
- It removes up to 16 l/24 h of excess moisture.

### DEX 16

- It removes up to 16 l/24 h of excess moisture.

### DEX 14

- It removes up to 14 l/24 h of excess moisture.

### DEX 12

- It removes up to 12 l/24 h of excess moisture.



## TASCIUGO ARIADRY LIGHT

Silent, compact and innovative, DNC 65 is a unique product in the range of De'Longhi dehumidifiers.

Particularly suitable for bedrooms and living rooms.

### Dehumidifier

### DNC 65



- Special technology without compressor.
- Moisture removed by this dehumidifiers at 20 °C/60% U.R. corresponds to that removed by any traditional 18 l/24 h dehumidifiers at the same temperature conditions.
- Pull-up carry handle.
- Ionizer.
- Continuous drain discharge.
- Three different dehumidification power levels: AUTO, MAX and MIN.
- Electronic shut-off timer up to 8 h.

- SWING function: 3-position oscillating louvers to optimize the air distribution.
- Very quiet operation: only 34 dB(A).
- Clothes drying function: removes 6 l/24 h at any temperature condition.
- Separately controlled ionizer.
- Tank capacity: 2 litres.
- Visible water level.
- Washable air filter.



electronic panel



easy to move



The level of humidity in the house is a principal factor in determining indoor comfort. The new Tasciugo AriaDry DX series combines excellent dehumidifying performance with stunning looks to achieve the perfect expression of contemporary and functional design.

## Dehumidifier - DX 10



### DX SERIES

- Electronic anti-frost device (down to 2 °C).
- Double condensate elimination system to discharge the removed humidity: directly into the tank or continuously through the provided pipe.
- Water tank capacity: 2 litres.
- Visible water level.
- Tank Control System.
- Integrated handle for maximum portability.
- Laundry function.

## Dehumidifier - DX 8.5



### DX 10

- Anti-dust net filter.
- It removes up to 10 l/24 h of excess moisture.

### DX 8.5

- Anti-dust net filter.
- It removes up to 8.5 l/24 h of excess moisture.



# Air purifiers

Indoor air pollution is among the top five environmental health risks, and we spend more than 80% of our time in a closed environment. It is important to keep our domestic environment clean and healthy all year round. The new AC series of De'Longhi air purifiers contains advanced technology and is designed to make living spaces more comfortable.



- 1 - NYLON WASHABLE PRE-FILTER: Relatively large dust particles, human and pet hair;
- 2 - EPA FILTER: Micro particles as small as  $0.3 \mu$ , including tobacco smoke, pollen and household dust;
- 3 - ACTIVE CARBON FILTER: Smoke, a wide variety of harmful gases, odors, small dust particles, formaldehyde;
- 4 - NANO SILVER FILTER: Staphylococcus Aureus and Escherichia Coli bacteria;
- 5 -  $\text{TiO}_2$  PHOTOCATALYST FILTER + UV LIGHT: Various bacteria and harmful gases;
- 6 - IONIZER: Dust particles, pollen, cigarette smoke and car fumes.



Air pollutants are mostly invisible, that is why you cannot see “visible results” when the machine is working. The sensor is able to analyse the air quality of air you breath detecting various gases and organic compounds. The results can be seen instantly by the coloured lights.



**POOR**  
AIR QUALITY



**SATISFACTORY**  
AIR QUALITY



**GOOD**  
AIR QUALITY

## Air purifier

AC 230



- 3 fan speeds: minimum for a very silent operation, medium and maximum.
- AUTO fan: the appliance automatically decides the fan speed according to the air quality detected.
- Timer for automatic switch off after 1, 2, 4 or 8 hours.
- Sensor touch control panel with dirty filter indicator.
- Gas&odour sensor and air quality LED indicators: the light colour changes according poor, satisfactory or good air quality.

- Washable permanent pre-filter for large dust particles, human and pet hair.
- **2 in 1 Epa + Active Carbon filter** for micro particles and odours, and **TiO<sub>2</sub> (Photocatalyst Titanium dioxide) filter** with **UV light** effective against bacteria and gases.
- **NANO-silver filter** effective against a variety of BACTERIA and VIRUSES like Staphylococcus Aureus. It has a lifelong duration and can be vacuumed.

## Air purifier - AC 150



- 3 fan speeds: minimum for a very silent operation, medium and maximum.
- AUTO fan: the appliance automatically decides the fan speed according to the air quality detected.
- Timer for automatic switch off after 1, 2, 4 or 8 hours.
- Sensor touch control panel with dirty filter indicator.
- Gas&odour sensor and air quality LED indicators: the light colour changes according poor, satisfactory or good air quality.
- Washable permanent pre-filter for large dust particles, human and pet hair.
- **2 in 1 Epa + Active Carbon filter** for micro particles and odours, and **TiO<sub>2</sub> (Photocatalyst Titanium dioxide)** filter with **UV light** effective against bacteria and gases.

## Air purifier - AC 100



- 3 fan speeds: minimum for silent operations, medium and maximum for fast cleaning.
- Timer for automatic switch off after 1, 2, 4 or 8 hours.
- Sensor touch control panel with dirty filter indicator.
- Washable permanent pre-filter for large dust particles, human and pet hair.
- **2 in 1 Epa + Active Carbon filter** for micro particles as small as 0.3 µm, including household dust, tobacco smoke, pollen, odors, and formaldehyde.

## Air purifier - AC 75



- 3 fan speeds: minimum for silent operations, medium and maximum for fast cleaning.
- Timer for automatic switch off after 1 or 3 hours.
- Washable permanent pre-filter for large dust particles, human and pet hair.
- **2 in 1 Epa + Active Carbon filter** for micro particles as small as 0.3 µm, including household dust, tobacco smoke, pollen, odors and formaldehyde.

# Humidifiers & Vaporizers

De'Longhi, global leader in air treatment technology, has designed and created a complete range of air treatment appliances for the house. Air humidifiers and vaporizers capable of transforming a dry environment into a pleasant, healthy room.

Thanks to the experience gained by De'Longhi and to its constant dedication to research and experimentation, each air treatment product is a reliable and durable lifelong companion.



Humidifier - UH 800E



- High capacity transparent tank (6.1 litres).
- Electronic humidistat to set the desired humidity in the room and electronic hygrometer to measure the actual humidity.
- Adjustable steam regulation.
- Removable tank for an easy filling
- Humidifying rate: 300 ml/h.
- 20 hours of continuous operation.
- Recommended for rooms up to 75 m<sup>3</sup>.
- Empty tank indicator.
- Protection thermostat and thermofuse.
- Easy to use and to clean.
- Automatic shut-off with empty tank.
- Fragrance dispenser.

Humidifier - UH 700M



- High capacity transparent tank (6.1 litres).
- Mechanical humidistat to set the desired humidity in the room.
- Steam quantity regulation (low, high).
- Removable tank for an easy filling
- Humidifying rate: 300 ml/h.
- 20 hours of continuous operation.
- Recommended for rooms up to 75 m<sup>3</sup>.
- Empty tank indicator.
- Protection thermostat and thermofuse.
- Easy to use and to clean.
- Automatic shut-off with empty tank.
- Fragrance dispenser.

Vaporizer - VH 400








- It establishes the correct humidity rate in the room, to ensure the best wellness conditions.
- Transparent window to check the water level.
- Night light.
- Designed to guarantee efficiency, safety and ease of use.
- Recommended for rooms up to 60 m<sup>3</sup>.
- Adjustable steam emission.
- Empty tank automatic shut-off.
- Continuous tank refill system.
- Fragrance dispenser.

Vaporizer - VH 300










- It establishes the correct humidity rate in the room, to ensure the best wellness conditions.
- Water level indicator.
- Designed to guarantee efficiency, safety and ease of use.
- Recommended for rooms up to 60 m<sup>3</sup>.
- Adjustable steam emission.
- Empty tank automatic shut-off.
- Continuous tank refill system.
- Fragrance dispenser.

DEHUMIDIFIERS - technical data

					
	DD 30P	DDS 30 COMBI	DDS 25	DDS 20P	DDS 20
Dimensions (hwxwd)	mm	610x308x380	488x346x278	488x346x278	488x346x278
Weight	kg	19	15	15	15
Rated Voltage/Frequency	V~Hz	220-240~50	220-240~50	220-240~50	220-240~50
Moisture removal in normal/ combi mode 32 °C/80%	l/24h	30	25/30	25	20
Input power	W	540	330	410	410
Compressor		■	■	■	■
Heating element	W		1000		
Noise Level	dB(A)	51-53	45-47-50	45-47-50	45-47-50
Water tank capacity	l	6	4.5	4.5	4.5
Refrigerant		R410A	R134a	R134a	R134a
Working temperature	°C	5-32	2-32	2-32	2-32
GENERAL FEATURES					
For rooms up to*	m³	150	110	90	90
Electronic controls		■	■	■	■
Only fan function for air filtration			■	■	■
Combi function			■		
Dry clothes function			■	■	■
Extra Power function			■		
Adjustable humidistat		electronic	electronic	electronic	electronic
Room Thermostat		electronic	electronic	electronic	electronic
Thermometer		electronic	electronic	electronic	electronic
Hygrometer		electronic	electronic	electronic	electronic
Timer		24 h	24 h	24 h	24 h
Comfort function/Auto			■	■	■
Electronic anti-frost device		■	■	■	■
Ventilation speeds		2	3	3	3
Ionizer					
Anti dust filter		■	■		
Bio Silver Tech System/Anti-allergens filter			■/	■/	■/
3M TM Filtrete filtration			■	■	■
Water level window/Tank Control System		■/■	■/■	■/■	■/■
Pump system		■		■	
Continuous drainage facility		■	■	■	■
Castors/Handle		■/■	■/■	■/■	■/■





\*Room dimensions recommended for the use of each model are merely approximate, and they deeply depend on the real tperature and moisture conditions during usage of product.

						
DEX 16F	DEX 16	DEX 14	DEX 12	DNC 65	DX 10	DX 8.5
502x334x220	502x334x220	502x334x220	502x334x220	483x187x324	493x310x188	493x310x188
9	9	9	9	5.5	8.3	8.1
220-240~50	220-240~50	220-240~50	220-240~50	220-240~50	220-240~50	220-240~50
16	16	14	12	6	10	8.5
195	195	195	195	520	190	190
■	■	■	■		■	■
39	39	37	37	34-44		
2.1	2.1	2.1	2.1	2	2	2
R134a	R134a	R134a	R134a		R134a	R134a
2-30	2-30	2-30	2-30	1-35	2-30	2-30
75	75	65	55	75		
				■		
				/■		
■	■	■	■		■	■
■	■	■	■	electronic		
				electronic		
■	■	■	■	■	■	■
1	1	1	1	2+Auto	1	1
				■		
■	■	■	■	■	■/	■/
■/■						
■/■	■/■	■/■	■/■	■/■	■/■	■/■
■	■	■	■	■	■	■
/■	/■	/■	/■	/■	/■	/■



With a view to continuously improving its products, De'Longhi reserves the right to alter the technical specifications and aesthetic features at any time and without notice.  
Due to printing limitations, the actual colour of products may differ from those shown within this catalogue.

FILTERS AND ACCESSORIES CAN BE BOUGHT FROM SHOPS SELLING DE'LONGHI ACCESSORIES OR AUTHORISED SERVICE CENTRES.



AIR PURIFIERS - technical data

					
		AC 230	AC 150	AC 100	AC 75
Dimensions (h x w x d)	mm	500x450x23	390x450x210	390x450x210	430x405x138
Weight	kg	7	5.7	5.5	3.6
Rated Voltage/Frequency	V~Hz	220-240~50	220-240~50	220-240~50	220-240~50
Input power (min. - med. - max.)	W	42-48-61	38-43-55	30-34-40	34-35-35
Air flow (min/med/max fan speed)	m³/h	110-160-255	75-110-160	70-100-130	40-80-140
Noise level (min. - med. - max.)	dB(A)	36-43-50	33-40-48	33-39-44	30-35-40
CADR (smoke, dust, pollen)	m³/h	235-238-237	127-143-108	114-132-121	106-130-126
Room size coverage	m²	80	40	40	25
Room size coverage, based on intense air recycle	m²	20	10	10	6
GENERAL FEATURES					
Fan speeds		high-medium-low	high-medium-low	high-medium-low	high-medium-low
Auto mode		■	■		
Timer	h	1-2-4-8	1-2-4-8	1-2-4-8	1-3
Filter dirty indicator		■	■	■	
Gas&odour sensor		■	■		
Air quality light display		■	■		
FILTERS					
Filtration layers		6	5	4	4
Ionizer		■	■	■	■
Nylon pre-filter		■	■	■	■
Carbon filter (Hepa+Carbon)		■	■	■	■
EPA filter		E12 type 99%	E12 type 99%	E12 type 99%	E11 type 95%
TiO <sub>2</sub> filter + UV light		■	■		
NANO Silver filter		■			

HUMIDIFIERS - technical data

			
		UH 800 E	UH 700 M
Dimensioni (h x w x d)	mm	354x330x206	354x330x206
Weight	kg	1.7	1.7
Rated voltage/Frequency	V~Hz	230~50	230~50
Input power	W	260	260
Humidification rate	ml/h	300	300
Tank capacity	l	6.1	6.1
Continuous operation (full tank)	h	20	20
For rooms up to	m³	75	75
Adjustable steam emission		■	■
Automatic shut off with empty tank		■	■
Fragrance dispenser		■	■
Transparent tank		■	■
Humidistat		Electronic	Mechanical
Protection thermostat and thermofuse		■	■

VAPORIZERS - technical data

			
		VH 400	VH 300
Dimensioni (hxxxd)	mm	170x290x290	170x290x290
Weight	kg	1.1	1.1
Rated voltage/Frequency	V/Hz	230/50	230/50
Input power	W	1150	1150
Humidification rate	ml/h	300	300
Tank capacity	l	4.5	4.5
Continuous operation (full tank)	h	15	15
For rooms up to	m³	60	60
Adjustable steam emission		■	■
Automatic shut off with empty tank		■	■
Night light		■	
Fragrance dispenser		■	■
Continuous tank refill system		■	■
Transparent window to check the water level		■	



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**KLIMASKLEP**

ul. Orzechowa 3

72-010 Przęsocin (koło Szczecina)

tel.: **(91) 432-43-42**

e-mail: **sklep@klimasklep.pl**

www: **www.KlimaSklep.pl**