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OF SWITZERLAND



Optimal indoor climate with Stylies



Optimal indoor climate with Stylies

This Information brochure explains how air humidity affects your wellbeing.

It also helps you choose the best STYLIES humidifier for your needs.

Have fun reading!

REASON for dry air

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ADVANTAGES of humidified air

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OVERVIEW: Your needs – our recommendation

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TECHNOLOGIES for air humidification

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SOLUTIONS from Stylies

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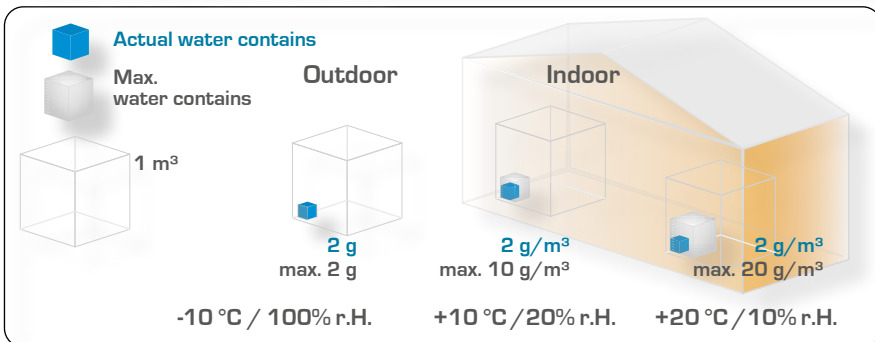
High temperature * high relative humidity



Medium temperature * medium relative humidity



Low temperature * low relative humidity



The reason for dry air

The quantity of water that air can hold depends on its temperature. The reason is that cold air can hold less water than warm air. When cold air is heated, its relative humidity falls well below the optimum of 45-55%. When the outdoor air is -10 °C for example, every 1 cubic meter air can hold max. 2 g of water. At this stage, the relative humidity is 100%.

Calculation: Relative humidity = Actual water content in the air / Max. water content in the air

$$\text{Relative humidity} = \frac{\text{Actual water content in the air: 2 g}}{\text{Max. water content in the air: 2 g}} = 100 \%$$

Relative humidity is crucial. A low relative humidity means dry air.

Example: (see sketch on the left)

Temperature	-10 °C	10 °C	20 °C
Actual water content in the air	2 g	2 g	2 g
Max. water content in the air	2 g	10 g	20 g
Relative humidity	100 %	20 %	10 %



The advantages of humidified air

Health aspects:

- * Improved well-being in general
- * Better sleeping
- * Improved attention span
- * No drying out of nose, eyes and skin
- * Less risk of infection (influenza)
- * Less headaches and tiredness
- * Less risk of allergy symptoms

Living room aspects:

- * Lower dust pollution
- * Musical instruments won't be out of tune
- * No drying out of wooden furniture, wooden floors, paintings and antiques

Stylies humidifiers take over the task from you to increase the humidity level to the comfort zone and therefore bring the mentioned advantages to reality. But our humidifiers are not only excellent to use in living rooms, they are also perfectly suitable for a wide variety of other applications **such**

as:

- * Museums and Galleries
- * Offices and conference rooms
- * Botanic gardens and winter houses
- * Rooms for musical instruments (eg. Piano)
- * Hospitals
- * Wooden floors
- * Humidors / damp-rooms



Overview: Your needs - our recommendation

Which of the following best fits your needs and situation? Select one and following the colour coding.

Ultrasonic humidifiers
 Libra * Hydra * Aquila
 Titan * Hera * Leonis * Atlas

- * Humidifying small to medium sized rooms (25 m² - 60 m²)
- * Humidifying living rooms and bedrooms
- * Suitable for household with children and pets
- * Quiet operation

- * Low energy consumption even high performance
- * Not hard water
- * Buying extra accessory like descaling cartridges and Clean Cube (against germs and bacteria) is acceptable

Evaporator humidifiers
 Carina * Helos * Orion * Mira

Airwasher Aquarius

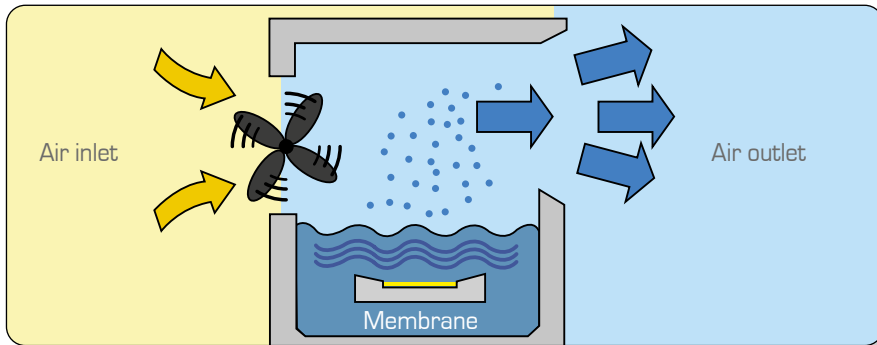
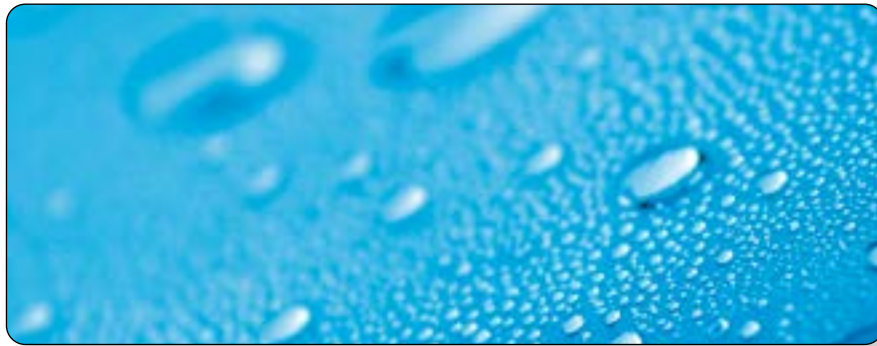
- * Humidifying medium rooms (35 m² - 50 m²)
- * Typical use in living room, bedroom and children's room
- * Suitable for household with children and pets
- * Quiet operation

- * Very low energy consumption
- * Suitable for all types of water (soft, hard) and even from decalcification systems
- * Buying extra accessory like filter cassettes (evaporators) is acceptable
- * Suitable for rooms with parquet floors

Vaporizer humidifiers
 Sirius * Taurus

- * Humidifying large rooms (up to 70 m²)
- * Typical use in living room and open living area
- * Fast humidification
- * Free of bacteria and germs even without any accessory

- * Optimal allocation of humidity in the room
- * Higher energy consumption than evaporators and ultrasonics can be accepted
- * Buying extra accessory like descaling cartridges is recommended
- * Suitable for rooms with parquet floors

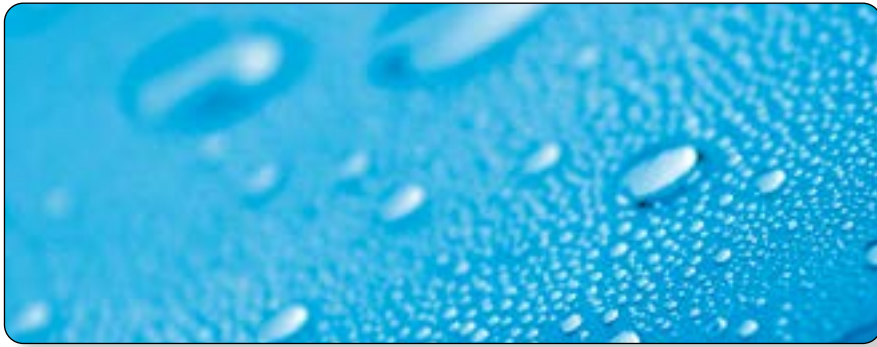


Technology: Ultrasonic humidifiers

A membrane vibrating at high frequency transforms this water into very fine mist, which is blown to the air through a ventilation system. The mist is cold, so there is no risk of scalding. The cartridge softens the water so that the mist coming out of the unit is clean, fresh and mineral free. Furthermore, ultrasonic humidifiers need very little electrical power.

Stylies Ultrasonic humidifiers:

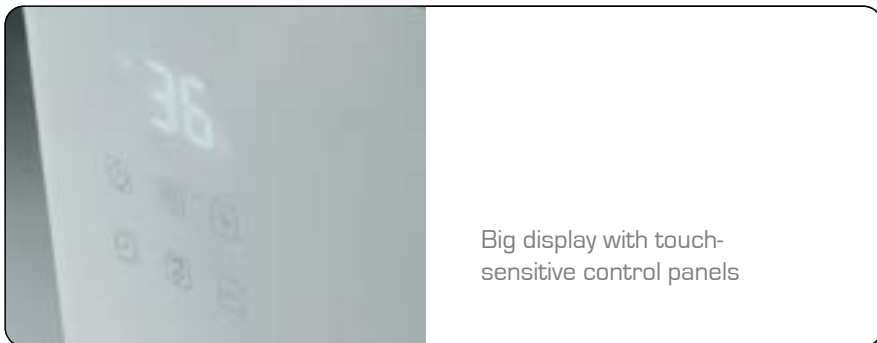
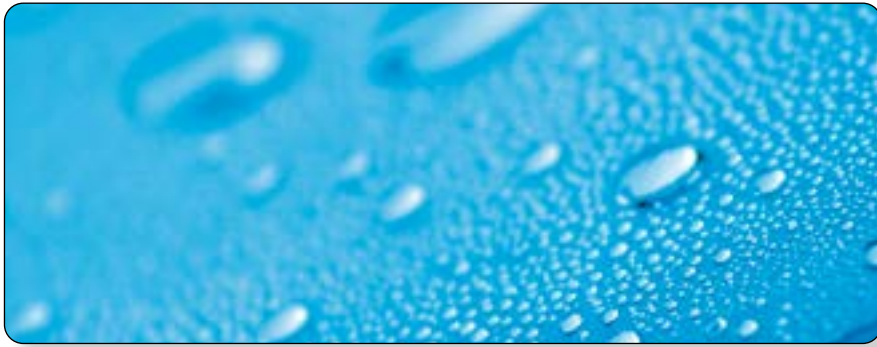
- * «Stylies Leonis», page 13
- * «Stylies Titan», page 15
- * «Stylies Hera», page 17
- * «Stylies Hydra», page 19
- * «Stylies Aquila», page 21
- * «Stylies Libra», page 23
- * «Stylies Atlas», page 25



Stylies Leonis Ultrasonic humidifier

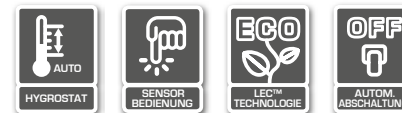
- * Humidification capacity up to 500 g/h
- * Power consumption 30 W
- * Suitable for rooms up to 70 m² or 175 m³
- * Tank capacity 5 litres
- * Integrated hygostat for setting the desired air humidity
- * Accessories: Stylies descaling cartridge, Stylies Clean Cube (included in delivery)
- * Intuitive touch controls
- * Pre-heating and Ionizer built in
- * Cleaning and maintenance: Regularly descale and rinse well, replace descaling cartridge and Clean Cube after the recommended time period

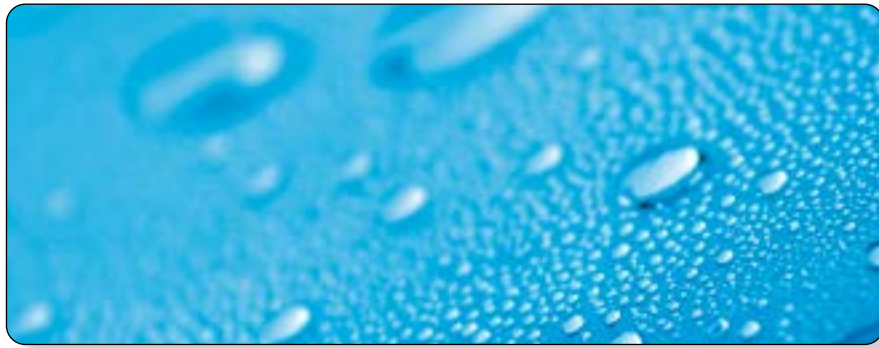




Stylies Titan Ultrasonic humidifier

- * Humidification capacity up to 400 g/h
- * Power consumption 30 W
- * Suitable for rooms up to 65 m² or 160 m³
- * Tank capacity 5.5 litres
- * Integrated hygrostat for setting the desired air humidity
- * Accessories: Stylies descaling cartridge, Stylies Clean Cube (included in delivery)
- * Cleaning and maintenance: Regularly descale and rinse well, replace descaling cartridge and Clean Cube after the recommended time period

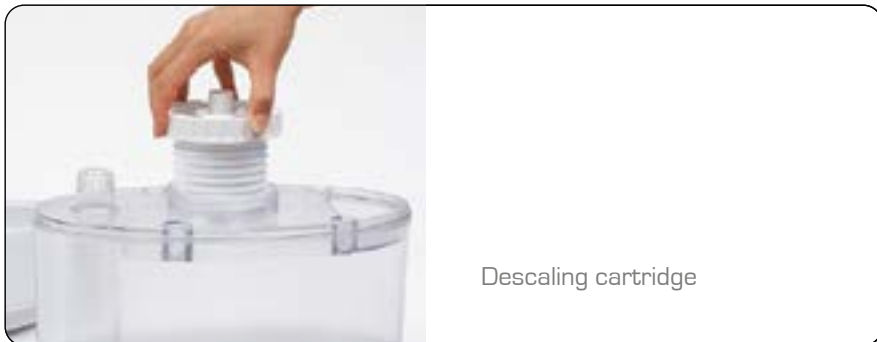
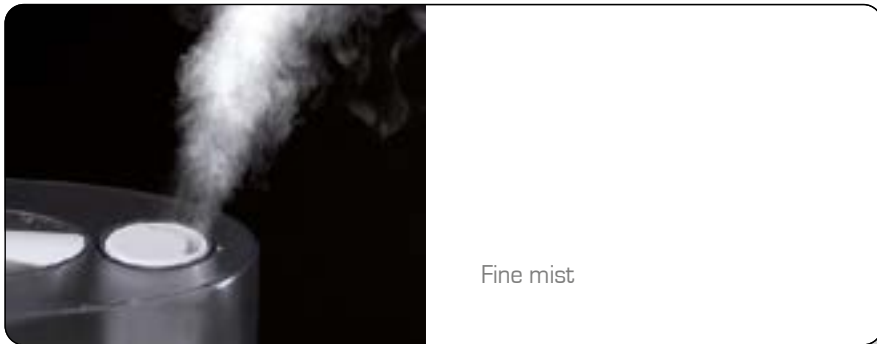
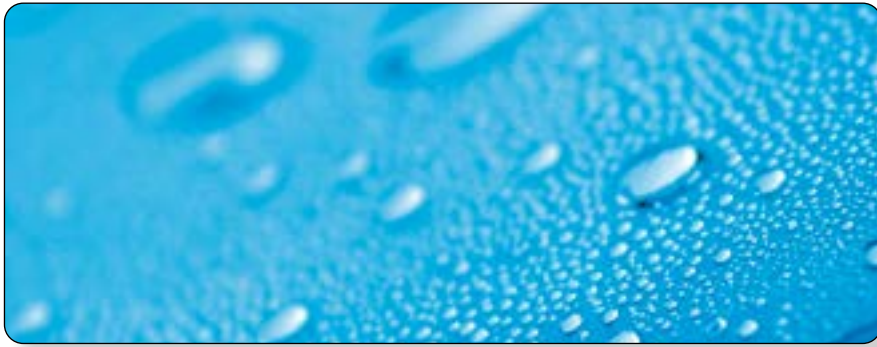




Stylies Hera Ultrasonic humidifier

- * Humidification capacity up to 400 g/h
- * Power consumption 30 W
- * Suitable for rooms up to 65 m² or 160 m³
- * Tank capacity 7.5 litres
- * Integrated hygostat for setting the desired air humidity
- * Touch screen display
- * Accessories: Stylies descaling cartridge, Stylies Clean Cube (included in delivery)
- * Cleaning and maintenance: Regularly descale and rinse well, replace descaling cartridge and Clean Cube after the recommended time period

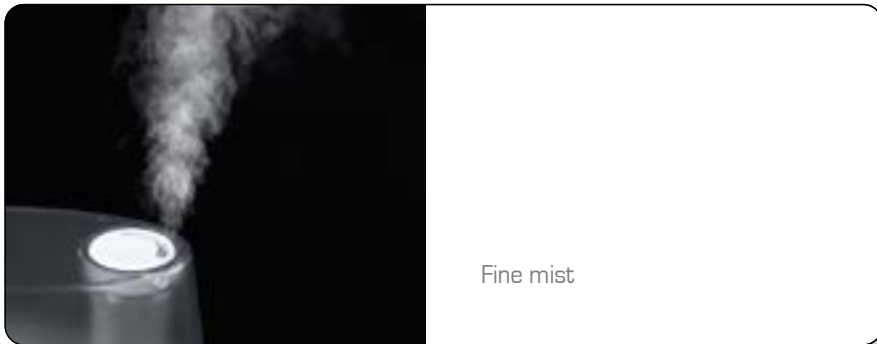
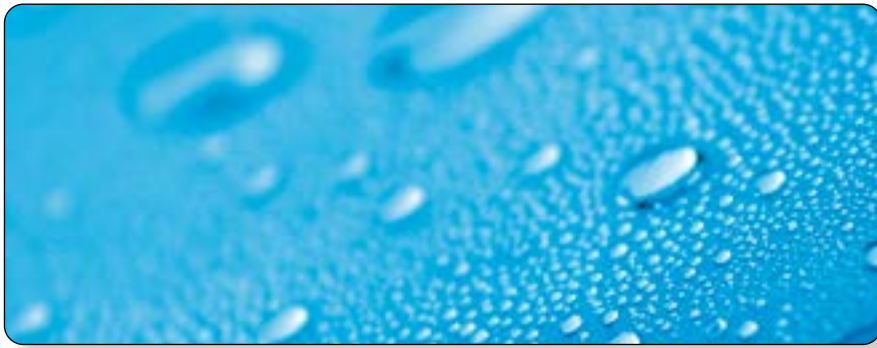




Stylies Hydra Ultrasonic humidifier

- * Humidification capacity up to 420 g/h
- * Power consumption 35 W
- * Suitable for rooms up to 62 m² or 150 m³
- * Tank capacity 6 litres
- * Integrated hygrometer for setting the desired air humidity
- * Accessories: Stylies descaling cartridge, Stylies Clean Cube (not included in delivery)
- * Cleaning and maintenance: Regularly descale and rinse well, replace descaling cartridge and Clean Cube after the recommended time period

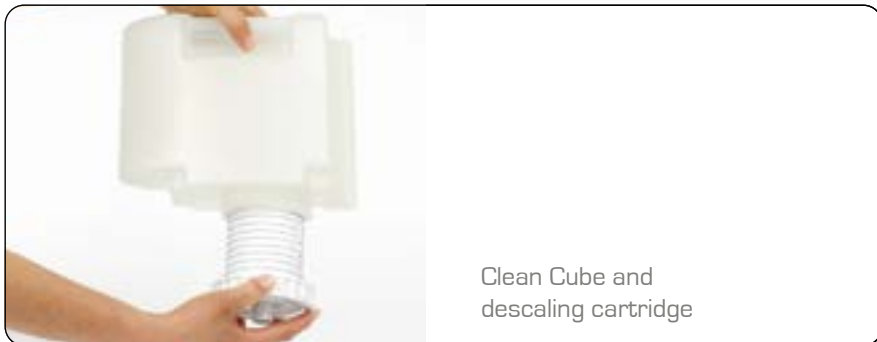
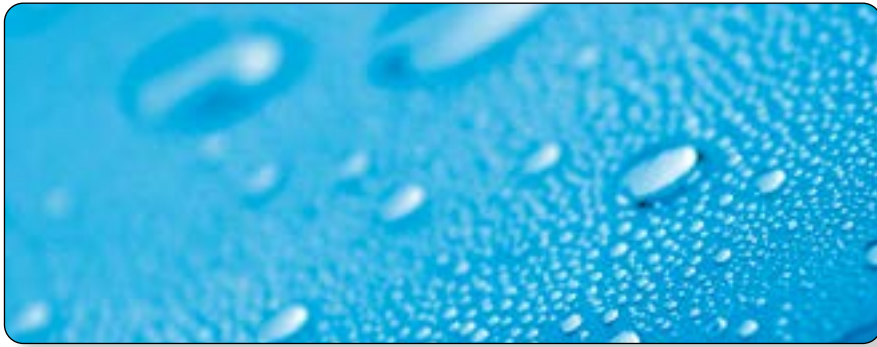




Stylies Aquila Ultrasonic humidifier

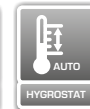
- * Humidification capacity up to 160 g/h
- * Power consumption 12 W
- * Suitable for rooms up to 25 m² or 62 m³
- * Water tank illuminated 2.2 litres
- * Accessories: Stylies descaling cartridge, Stylies Clean Cube (not included in delivery)
- * Cleaning and maintenance: Regularly descale and rinse well, replace descaling cartridge and Clean Cube after the recommended time period

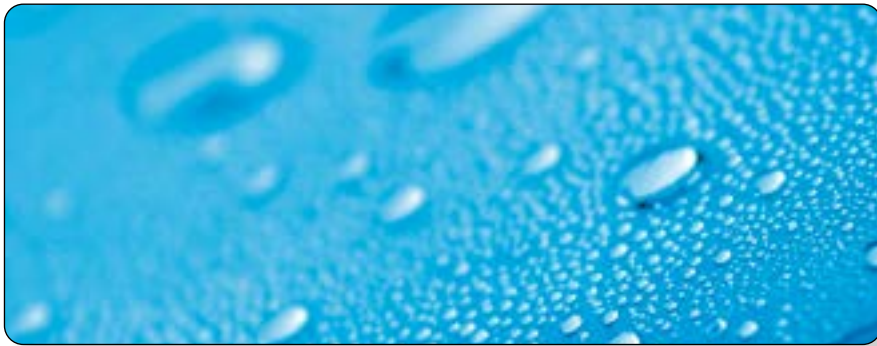




Stylies Libra Ultrasonic humidifier

- * Humidification capacity up to 300 g/h
 - * Power consumption 35 W
 - * Suitable for rooms up to 45 m² or 110 m³
 - * Tank capacity 3.5 litres
 - * Integrated hygrostat for setting the desired air humidity
 - * Accessories: Stylies descaling cartridge, Stylies Clean Cube (not included in delivery)
- * Cleaning and maintenance: Regularly descale and rinse well, replace descaling cartridge and Clean Cube after the recommended time period





Atlas
Ultrasonic humidifier

Stylies Atlas Ultrasonic humidifier

- * Humidifying performance for hotel rooms
- * Power consumption 10 W
- * PET-bottle can be used as water tank
(0.5 dl/ 17 oz)
- * Continuously adjustable output control
- * Small and light weight (the smallest travel humidifier in the world)
- * Accessories: including universal adapter, travel bag and cleaning brush

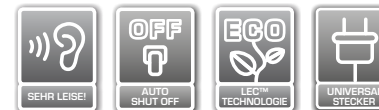
- * Cleaning and maintenance: Regularly descale and rinse well

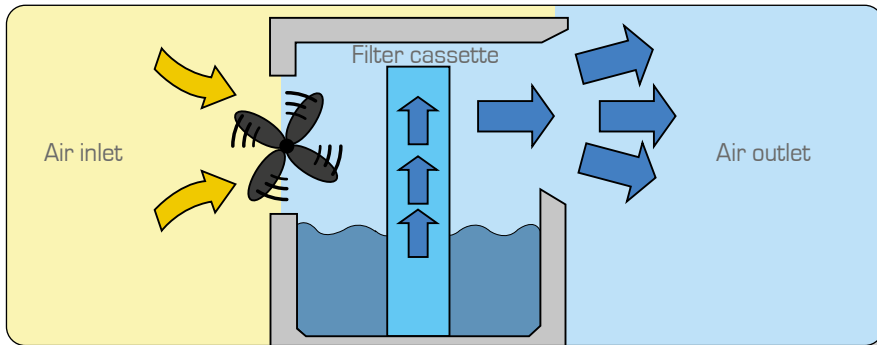


Small and handy for travelling



Humidification adjuster knob

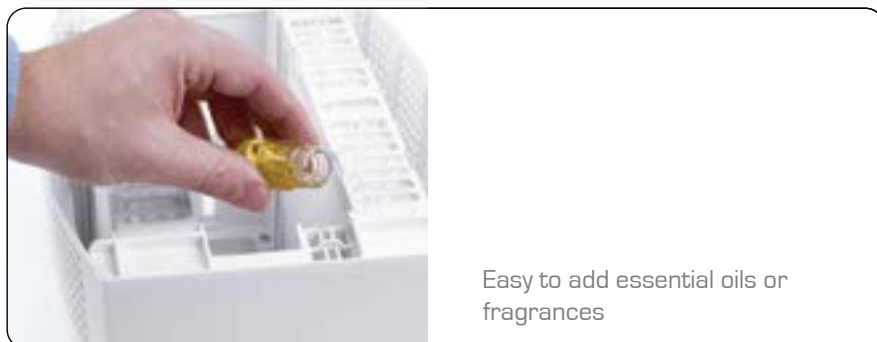
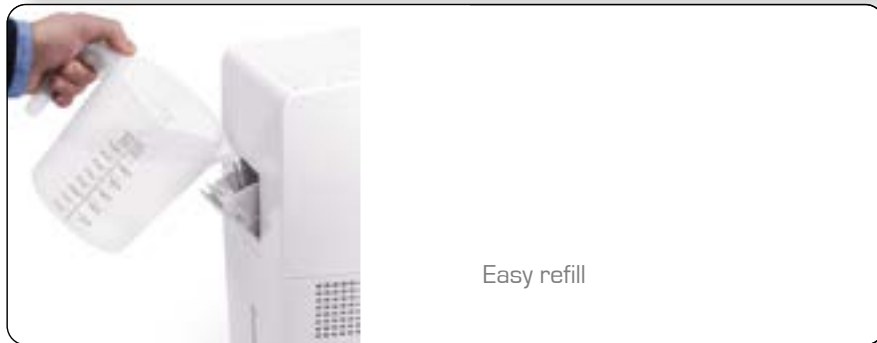




Technology: Evaporator humidifiers

A special filter mat absorbs the water from the container. Fans move the dry air through the moistened mat and blow the humidified air back into the room. The big advantage of an evaporator is that the humidity level is reached automatically without additional regulation, and over-humidification is not possible because saturated air cannot absorb more water. Furthermore, evaporator systems consume little power and work very efficiently.

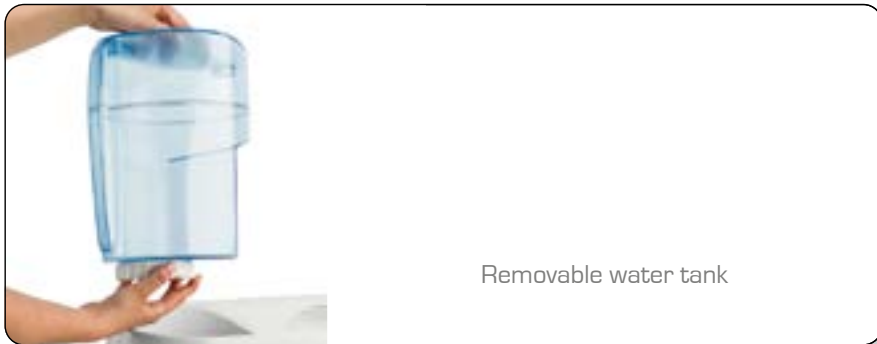
- Stylies Evaporator humidifiers:
- * «Stylies Helos», page 29
 - * «Stylies Mira», page 31
 - * «Stylies Orion», page 33
 - * «Stylies Carina», page 35



Stylies Helos Evaporator humidifier

- * Humidification capacity up to 300 g/h
- * Power consumption 6 W
- * Suitable for rooms up to 45 m² or 110 m³
- * Tank capacity 4 litres (direct filling)
- * Integrated hygrosstat for setting the desired air humidity
- * Intelligent auto mode
- * Intuitive touch controls
- * Antibacterial filter cassettes
- * Accessories: Stylies filter cassettes, Stylies Clean Cube
- * Cleaning and maintenance: Regularly rinse well and change water, replace filter cassettes and Clean Cube after the recommended time period





Stylies Mira Evaporator humidifier

- * Humidification capacity up to 350 g/h
- * Power consumption 18 W
- * Suitable for rooms up to 50 m² or 125 m³
- * Tank capacity 5.2 litres
- * Integrated hygrostat for setting the desired air humidity
- * Antibacterial filter cassettes
- * Accessories: Stylies filter cassettes, Stylies Clean Cube

- * Cleaning and maintenance: Regularly rinse well and change water, replace filter cassettes and Clean Cube after the recommended time period





Stylies Orion Evaporator humidifier

- * Humidification capacity up to 350 g/h
 - * Power consumption 6-18 W
 - * Suitable for rooms up to 50 m² or 125 m³
 - * Tank capacity 6 litres
 - * Integrated hygrostat for setting the desired air humidity
 - * Antibacterial filter cassettes
 - * Accessories: Stylies filter cassettes, Stylies Clean Cube
- * Cleaning and maintenance: Regularly rinse well and change water, replace filter cassettes and Clean Cube after the recommended time period



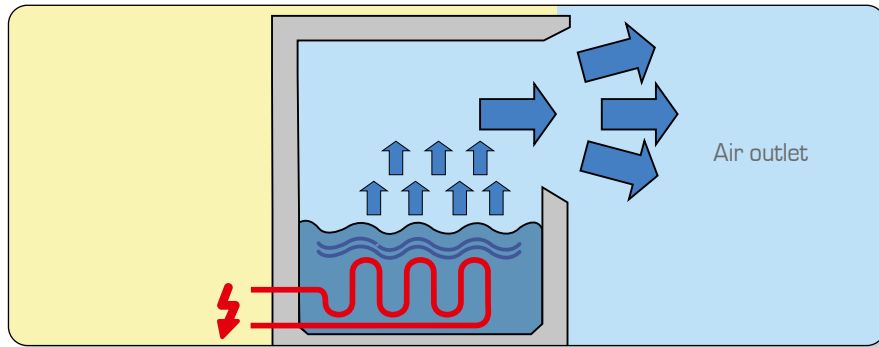
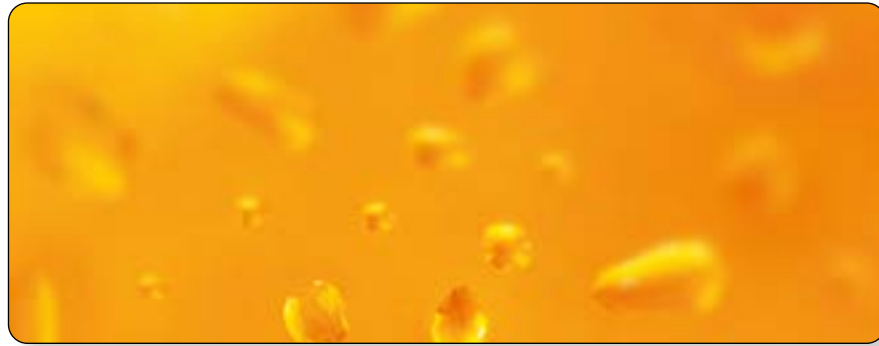


Stylies Carina Evaporator humidifier

- * Humidification capacity up to 250 g/h
- * Power consumption 8 W
- * Suitable for rooms up to 35 m² or 90 m³
- * Tank capacity 3.5 litres
- * Antibacterial filter cassettes
- * Accessories: Stylies filter cassettes, Stylies Clean Cube

- * Cleaning and maintenance: Regularly rinse well and change water, replace filter cassettes and Clean Cube after the recommended time period





Germ-free water vapour

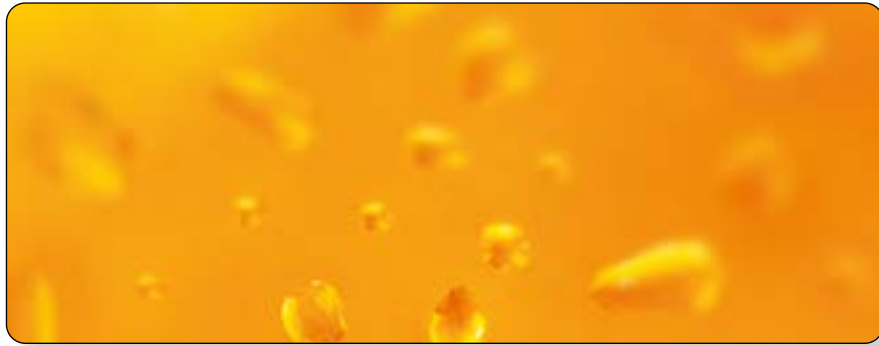


Descaling cartridge

Technology: Vaporizer humidifiers

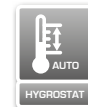
Vaporizer humidifiers generate steam by gently boiling the water with a heating element. They consume more power than evaporators or ultrasonic humidifiers, but are very effective and ensure well-distributed room air humidity. Furthermore, vaporizers generate completely clean and germ-free steam without additional accessories.

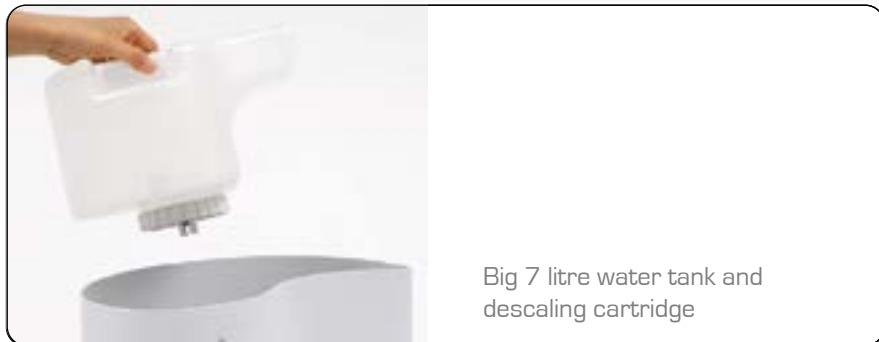
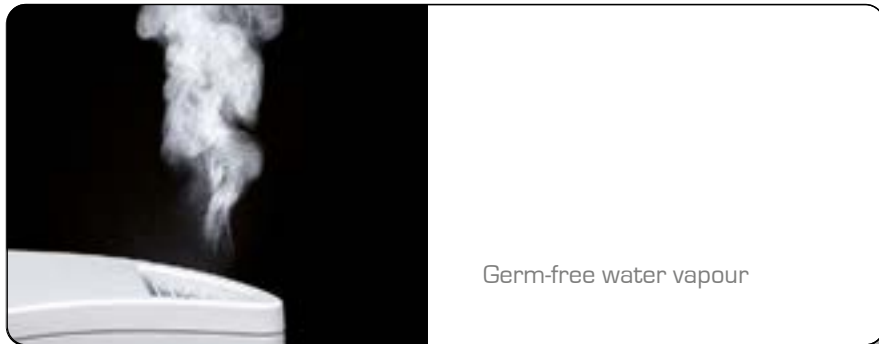
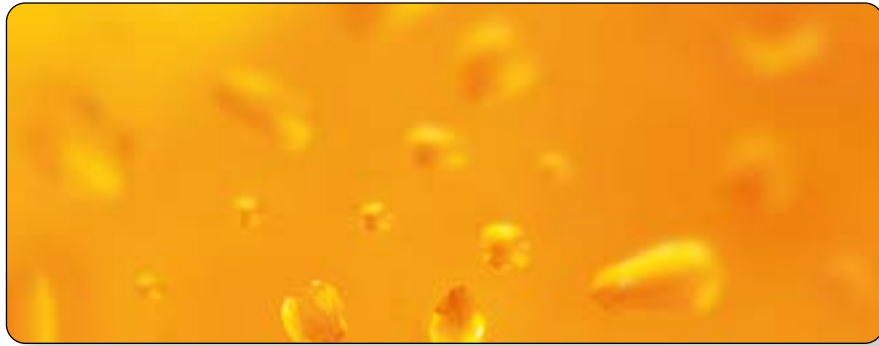
Stylies Vaporizer humidifier:
* «Stylies Sirius», page 39
* «Stylies Taurus», page 41



Styliet Sirius Vaporizer humidifier

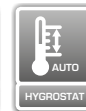
- * Humidification capacity up to 350 g/h
- * Power consumption up to 350 W
- * Suitable for rooms up to 45 m² or 110 m³
- * Tank capacity 3.5 litres
- * Integrated hygrostat for setting the desired air humidity
- * Intuitive touch controls
- * Accessories: Styliet descaling cartridge (not included in delivery)
- * Cleaning and maintenance: Regularly descale and rinse well
- * Important: do not use decalcified water, which contains salt

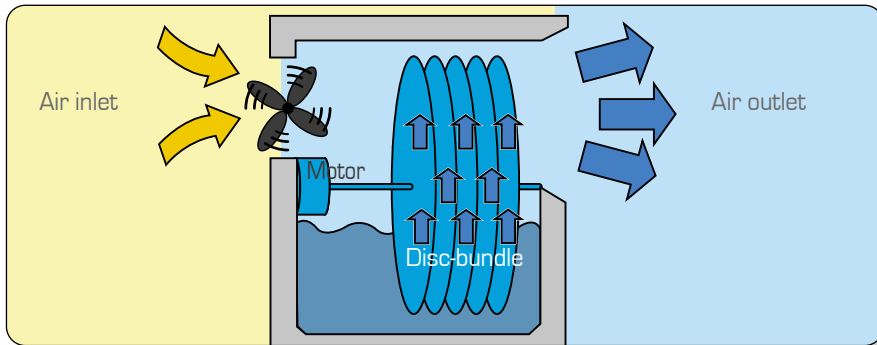




Stylies Taurus Vaporizer humidifier

- * Humidification capacity up to 500 g/h
- * Power consumption up to 480 W
- * Suitable for rooms up to 70 m² or 175 m³
- * Tank capacity 7 litres
- * Integrated hygrostat for setting the desired air humidity
- * Accessories: Stylies descaling cartridge (not included in delivery)
- * Cleaning and maintenance: Regularly descale and rinse well
- * Important: do not use decalcified water, which contains salt





Technology: Airwasher

As the name suggests, an airwasher not only humidifies room air efficiently, but also washes the air by filtering out medium to large-sized particles. The disc bundle turns slowly in the tank to absorb water, and a special ventilation system sucks air through the water entrained in the discs.

Stylies Airwasher:
* «Stylies Aquarius», page 45

















Stylies Aquarius Airwasher

- * Humidification capacity up to 300 g/h
 - * Power consumption 15 W
 - * Suitable for rooms up to 50 m² or 125 m³
 - * Tank capacity 4.5 litres
 - * Touch screen control panel
 - * Double functions: humidifying and purifying
 - * Integrated hygrostat for setting the desired air humidity
 - * Discs have not to be replaced compared to evaporator systems with filter cassettes
 - * Accessories: Stylies Clean Cube
- * Cleaning and maintenance: Regularly rinse well and change water, replace Clean Cube after the recommended time period



Stylies Humidifier Product overview

Model	Leonis	Titan	Hera	Hydra	Aquila	Libra	Atlas	Helos	Mira	Orion	Carina	Aquarius	Sirius	Taurus
														
Technology	Ultra-sonic	Ultra-sonic	Ultra-sonic	Ultra-sonic	Ultra-sonic	Ultra-sonic	Ultra-sonic	Evapo-rator	Evapo-rator	Evapo-rator	Evapo-rator	Air-washer	Vaporizer	Vaporizer
Humidification capacity g/h	500	400	400	420	160	300	80	300	350	350	250	300	350	500
Tank capacity	5	5.5	7.5	6	2.2	3.5	PET-bottle	4	5.2	6	3.5	4.5	3.5	7
Suitable for rooms up to	70 m ² (175 m ³)	65 m ² (160 m ³)	65 m ² (160 m ³)	60 m ² (150 m ³)	25 m ² (62 m ³)	45 m ² (110 m ³)	hotel rooms	45 m ² (110 m ³)	50 m ² (125 m ³)	50 m ² (125 m ³)	35 m ² (90 m ³)	50 m ² (125 m ³)	45 m ² (110 m ³)	70 m ² (150 m ³)
Power consumption W	30 - 110	18 - 105	30	35	12	35	10	6	18	6 - 18	8	15	350	500
Loudness dB	32	31	32	34	30	34	25	27	29	28	27	25	34	34
Dimensions mm	320 x 180 x 400	235 x 200 x 346	262 x 369 x 198	304 x 339 x 152	233 x 246 x 119	304 x 300 x 152	116 x 69 x 54	280 x 350 x 210	430 x 338 x 225	370 x 250 x 250	350 x 255 x 190	392 x 401 x 295	300 x 390 x 160	397 x 293 x 235
Weight kg	2.9	3.23	4.75	2.3	1	2.4	0.18	2.45	3.6	2.9	1.6	5.6	2.4	2.85
Accessories	Clean Cube, descaling cartridge	Clean Cube, descaling cartridge	Clean Cube, descaling cartridge	Clean Cube, descaling cartridge	Clean Cube, descaling cartridge	Clean Cube, descaling cartridge		Clean Cube, Filter cassettes	Clean Cube, Filter cassettes	Clean Cube, Filter cassettes	Clean Cube, Filter cassettes	Clean Cube		

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