



Professional humidifier



UltraFog



Unique professional humidifier
with extremely fine mist



The importance of humidity

The Idealin Ultrafog is a powerful, compact and easy-to-use high-capacity humidifier, capable of bringing the humidity in a large space to a healthy level or bringing the humidity to a high level for specific applications. Connecting to a power supply and connecting to a water supply with simple quick couplings is sufficient for the appliance to function.

The Idealin Ultrafog produces an extremely fine mist with a droplet size of approx. 2 microns that can be applied immediately evaporates, achieving powerful humidification without the mist leading to precipitation or condensation.

The Ultrafog is suitable for use in warehouses, printing houses, laboratories, large offices and all other places where the humidity must be quickly and permanently brought to a level without the necessity of installing complex humidification systems.

Various accessories such as hygrometers, water filters and connection material simplify the commissioning and use of the Idealin Ultrafog so that it can quickly and easily realize an effective and sustainable solution for the low humidity in your room.

Easy-to-use humidifiers with maximum effectiveness

The Idealin Ultrafog is capable of generating very high humidity levels (up to 100%) in medium rooms (up to approx. 25 m²), and is capable of generating humidity levels of 50-55% in rooms up to approx. 300 m², depending on the conditions.

Overview of properties

1. Professional/Industrial Humidifier
2. High capacity and capable of generating very high humidity levels (up to 100%) in medium sized rooms (up to approx. 25 m²), capable of generating humidity levels of 50-55% in rooms up to
3. approx. 300 m², depending on the circumstances
4. Very fine mist that does not condense
5. Quick and easy to use, a socket and a water tap are sufficient
6. Very reliable
7. Maintenance-free, only periodic cleaning to prevent scale build-up is sufficient (depending on the hardness of the water and possibly preventable with a scale filter)
8. Intended for direct connection to the water supply (2 meter water hose and 1/2" connection included)
9. Accessories available for deployment for many different applications and conditions; plug hygrometer, anti-scale filter, water hose, water tank, etc.
10. Droplet size 2 ~ 4 microns, very "dry" mist that does not condense
11. Capacity up to 2000 ml/hr
12. High-quality components and materials to prevent corrosion and wear





Suitable for use in/at:

- Production facility
- Storage/warehouse
- Laboratory
- printing company
- Kas
- Grow room
- Office garden
- Churches (organ)



Centrifugal Atomization

In the device, water is injected onto a rapidly rotating disc, the centrifugal force throws the water out with great force, forcing it through a fine grid, where the water is broken up into a fine mist. The fan in the device spreads the mist and accelerates the evaporation. The water droplets are so small (2 - 4 thousandths of a millimeter) that they quickly evaporate and increase the humidity in the room.

In the Ultrafog, this mist is further reduced to a size of 2 ~ 4 microns, which prevents the chance of condensation even in small rooms, so that the device can also be used in smaller rooms or in rooms where condensation can be a problem.

By holding a mirror in the airflow, it can be shown that the water droplets are so small that they do not condense and therefore do not precipitate on the ground.

Suitable for free placement or connection to an air duct

This particularly fine mist also makes the device suitable for connection to an air duct so that the operation of the appliance can be spread over several rooms and that the drying effect of heat recovery systems and other ventilation systems can be compensated.

Maintenance-free

No replacement parts such as humidifying filters are required for this central atomization and the components used are of high quality and self-lubricating.

For dusty conditions, the Ultrafog can be equipped with a filter that purifies the intake air, which prevents dirt build-up in the unit and ensures consistent and reliable operation, even in an industrial environment or in other conditions where dust or other air pollution is produced.

Easy to deploy

A power and water supply are sufficient, the compact dimensions and the low weight make the device easy and quick to install in many places.

The Ultrafog is equipped with a float that regulates the water supply, no water pump is required, the pressure of the water pipe is sufficient. The desired humidity level can be regulated with a hygostat that switches the power supply on and off. There are 2 options available for this; the Hale Hygro Control, which is an accurate and reliable solution for the vast majority of situations, and the Idealin Digicon, which is also extremely accurate at humidity levels above 90%.

The Ultrafog is supplied with a 2 meter FE water hose with connection so that the humidifier can be connected directly to a 1/2" water connection and a 1.5 meter power cable with plug. On the page "accessories" you can find accessories such as couplings, water reservoirs, water hoses, push-in couplings and other useful accessories.



Air filter



Hale Hygro Control Hygostat for in the socket

50 liters



25 liters

Water softener with 25 or 50 liters capacity for adding lime-free water



Roto 120
120° rotating stand for optimum mist dispersion



Digicon Hygostat with Swiss sensor for very accurate control even at very high humidity levels



	Ultrafog
Capacity	Up to approx. 1.5 liters/hour
Mist droplet size	2 ~ 4 microns
Suitable for space	25m ² for 90% humidity, 60 - 200m ² for 60% humidity
Temperature range	1 - 50°C
Power supply	220-240V / 50Hz
Power consumption	< 90 W
Dimensions (h x w x d)	1100 x 370 x 370mm
Noise level	< 55 dB
Weight	9 kg





Description			
UltraFog Art. no. 20200221		Air filter Art. no. 20200223	
Idealin Roto 120 Art. no. 20200225		Anti-scale filter Art. no. 20200241	
Idealin Digicon hygostat with Swiss sensor Art. no. 20200228		Hale Hygro Control Hygrostaat Art. no. 12101909	
Water softener Art. no. 20200311 (25 liters) Art. no. 20200312 (50 liters)		Adapter sock Art. no. verloopsok	
Water supply connection set Art. no. 20200229		Adapter coupling 6mm insert x 1/2" Art. no. verloopkoppeling6x1/2	
Plug-in coupling Art. no. Insteekkoppeling		Y-piece water connection Art. no. Y-stuk	
Water hose Art. no. FE slang		Antibacterial SilverDisk Art. no. 20200230	





Itec Air Purification

Koppelstraat 7
7391AK Twello
0571 840 844

info@itecluchtreiniger.nl
www.itecluchtreiniger.nl

