



Professional humidifier



FogMax



Industrial humidifier with extremely high nebulization capacity up to approx. 192 liters per day



### The importance of humidity

With a capacity of up to 8 liters per hour, the Idealin Fogmax is the most powerful Idealin humidifier and combines compact dimensions with an extremely high humidification capacity.

The Fogmax produces a mist with a droplet size of approximately 8 micrometers, making the Fogmax particularly suitable for growing greenhouses, grow rooms or for use in areas where very high humidity is required and where any condensation or precipitation of the mist is not a problem.

The humidification principle of centrifugal misting guarantees reliable operation and minimum maintenance, in combination with the compact dimensions, the simplicity of installation and the high capacity, this makes the Fogmax a reliable and cost-effective solution.

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

### Easy-to-use humidifiers with maximum effectiveness

The Idealin Fogmax is capable of generating very high humidity levels (up to 100%) in rooms up to approx. 60 m<sup>2</sup> and is capable of generating humidity levels of 50-55% in rooms up to approx. 800 m<sup>2</sup>, depending on the conditions.

### Overview of properties

1. Professional/Industrial Humidifier
2. Extremely high capacity and capable of generating very high humidity levels (up to 100%) in rooms up to approx. 60 m<sup>2</sup>, and capable of generating humidity levels of 50-55% in rooms up to approx. 800 m<sup>2</sup>, depending on conditions
3. Quick and easy to use, a socket and a water tap are sufficient
4. Very reliable
5. 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)
6. Intended for direct connection to the water supply. (2 meter water hose and 1/2" connection included)
7. Accessories available for deployment for many different applications and conditions; plug hygrometer, anti-scale filter, water hose, water tank, etc
8. Droplet size 5 ~ 10 microns
9. Capacity up to 8000 ml/hr
10. High-quality components and materials to prevent corrosion and wear



High-quality digital humidistat (optional)



## Suitable for use in/at:

- Production facility
- Storage/warehouse
- Laboratory
- printing company
- Kas
- grow room
- Wood workshop



## 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 (5 - 10 thousandths of a millimeter) that they quickly evaporate and increase the humidity in the room. With this misting technique, the Fogmax is also able to achieve very high humidity levels (>90%).

## 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 Fogmax 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 a 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 Fogmax 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 Fogmax 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 hose, push-in couplings and other useful accessories.



Air filter



Hale Hygro Control Hygostat for in the socket



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



Diffuser for extra fine mist can multiple diffusers are used



|                        | Fogmax  |
|------------------------|---|
| Capacity               | Up to approx. 8 litres/hour   |
| Mist droplet size      | 5 ~ 10 microns  |
| Suitable for space     | 60m <sup>2</sup> for 90% humidity, 250 – 800m <sup>2</sup> for 60% humidity |
| Temperature range      | 1 - 50°C  |
| Power supply           | 220-240V / 50Hz   |
| Power consumption      | < 90 W  |
| Dimensions (h x w x d) | 480 x 370 x 370mm   |
| Noise level            | < 60 dB   |
| Weight                 | 9 kg  |



 **FILTREX**

 **DIGICON**

 **ROTOSTAND**



| Omschrijving   |   |   |   |
|--|---|---|---|
| FogMax<br>Art. no. 20200220  |    | Air filter<br>Art. no. 20200223   |    |
| Idealin Roto 120<br>Art. no. 20200225  |    | Diffuser<br>Art. no. 20200224   |    |
| Idealin Digicon hygrostat with Swiss sensor<br>Art. no. 20200228                 |    | Hale Hygro Control Hygrostaat<br>Art. no. 12101909                            |    |
| Water softener<br>Art. no. 20200311 (25 liters)<br>Art. no. 20200312 (50 liters) |   | Adapter socket 3/4" - 1/2" for connection to water tap<br>Art. no. verloopsok |   |
| Water supply connection set<br>Art. no. 20200229                                 |  | Adapter coupling 6mm insert x 1/2"<br>Art. no. verloopkoppeling6x1/2          |  |
| Plug-in coupling<br>Art. no. Insteekkoppeling                                    |  | Y-piece water hose<br>Art. no. Y-stuk   |  |
| Water hose<br>Art. no. FE slang  |  | Antibacterial SilverDisk<br>Art. no. 20200230                                 |  |





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