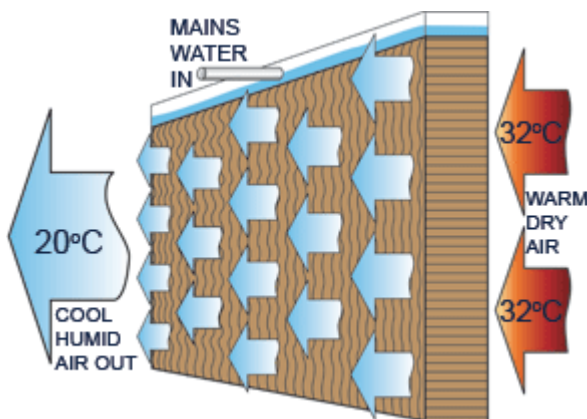


Types of humidifiers

Evaporative Humidifiers

In evaporative humidifiers mist is produced by blowing water through a wet pad or wick filter with the use of a fan. The mineral dust and bacteria get trapped on the filter before the water evaporates into the air.

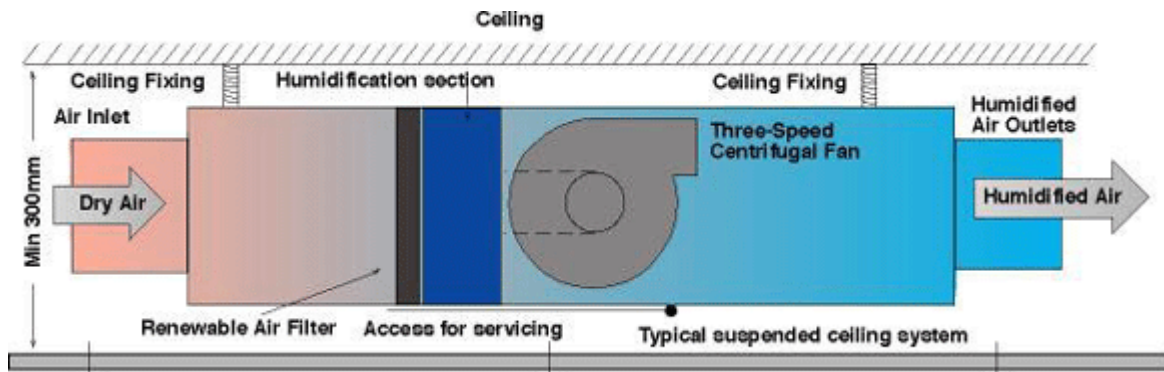
- +Wick filter ensures a pure and clean mineral-free moisture output.
- +Fans can be powerful enough to cover large areas with a single humidifier.
- +Very low power consumption.
- Fans make more noise than other types of humidifiers (noise level depends on fan speed).
- Bacteria and mold can grow on wick filter (may be reduced by using a bacteria treatment water additive).
- Most wick filters need to be replaced approximately every 2 months



Impeller Humidifiers

In impeller humidifiers there is a fan which blow water through a diffuser and as a result it produces fine droplets. In contrast to evaporative humidifiers there is no filter.

- + Quiet operation.
- +No filters to replace.
- + Low power consumption.
- +These humidifiers are cheaper than evaporative humidifiers.
- Bacteria is spread in the air along with the mist.
- White dust as a result of scattering the minerals present in the water (to prevent this, one can use distilled or de-mineralized water instead of regular water to fill them up)
- Limited to small rooms only.



Ultrasonic Humidifiers

Ultrasonic humidifiers use high-frequency vibrations to dissipate water into the air.

+Ultra quiet, near silent operation.

+Low power consumption (when using cool mist).

+No wick filters to replace.

- White dust as a result of scattering the minerals present in the water (to prevent this, one can use distilled or de-mineralized water instead of regular water to fill them up)

- Most units are limited to small rooms only.

Warm Mist Humidifiers

These humidifiers heat the water and expel steam into the room.

+ Quiet operation.

+ Pure, clean mineral-free moisture output.

+ No filters to replace.

- Higher power consumption (heating element uses more electricity than other humidifiers).

- Limited to small rooms only.

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