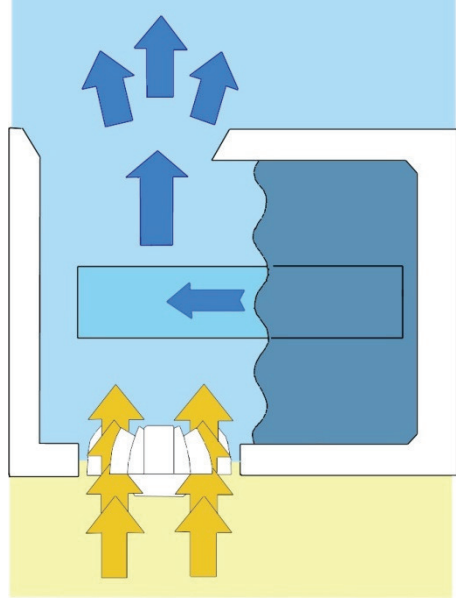
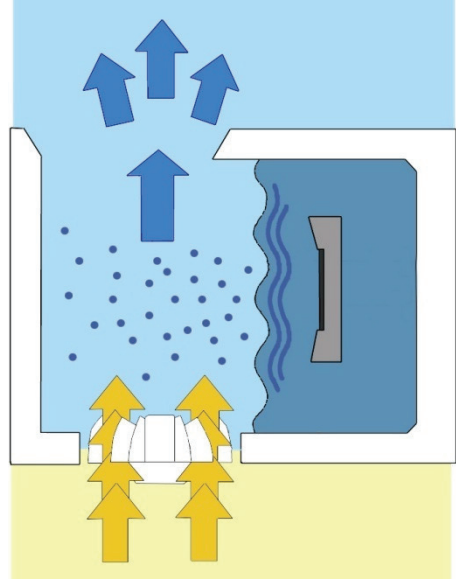


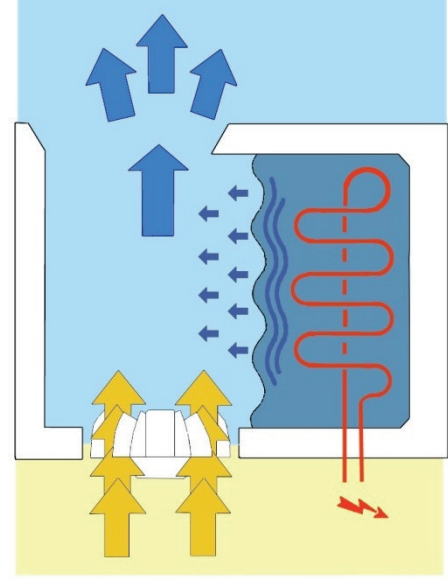
3 Basic Air Humidification Principles



Evaporator



Ultrasonic atomizer

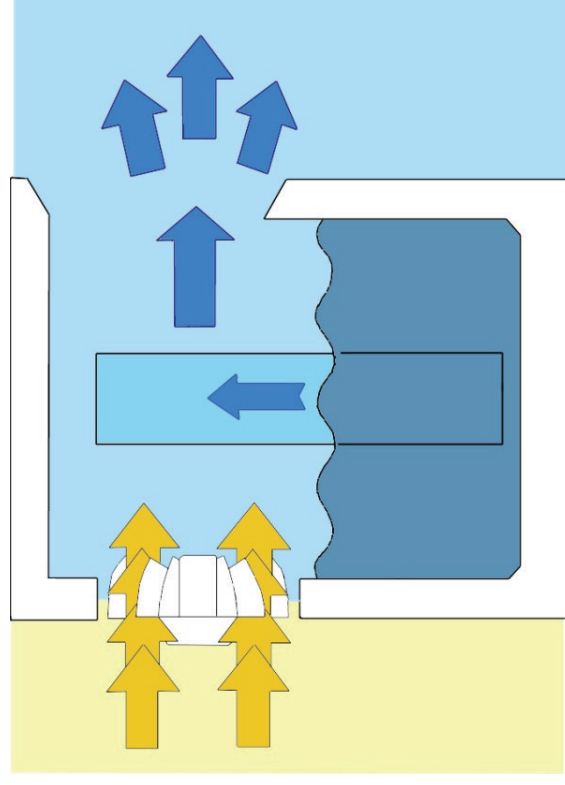


Steamer

3 Basic Air Humidification Principles

Evaporation System

- A special filter mat absorbs up the water from the water container.
- A ventilator moves the dry air through the moistured mat and blows the humidified air back to the room.

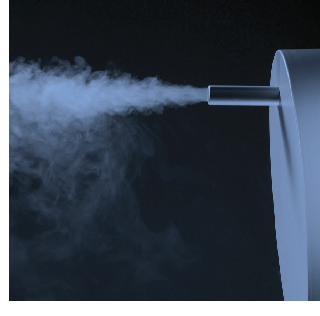
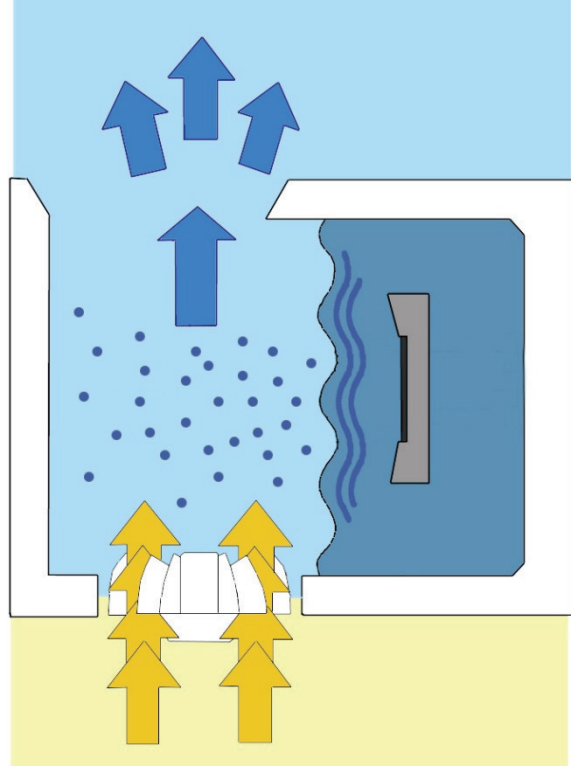


- The dry air will be washed as it passes the wet mat, dust and air-borne particles will be removed.
- This system works as an evaporator, therefore the air humidity level will be reached automatically without additional regulation.
- Mat-Evaporators need very little electronic power.
- Such principle is ideal for air humidification. The mat needs to be changed once or twice during the application season.

3 Basic Air Humidification Principles

Ultrasonic Humidification System

- This is a very effective and powerful technology in air humidification. The high frequency vibrator transforms water into very fine mist which will be blown into room air and evaporate.
- Ultrasonic humidifiers need very few electronic power.
- An optional water cartridge can soften the water so the water mist coming out of the unit will be clean, fresh and mineral free.
- Ultrasonic humidifiers need to have an installed hygrosat to control the humidity level.



3 Basic Air Humidification Principles

Steaming System

- Water is heated up by a heating element to the boiling point and produces steam.
- The heating element does not need to be changed (long lifetime).
- The performance of the unit does not depend on the quality of the water.
- The steam-humidifier needs more electric power than humidifiers of other principles.

