

Well being in the office and residential buildings

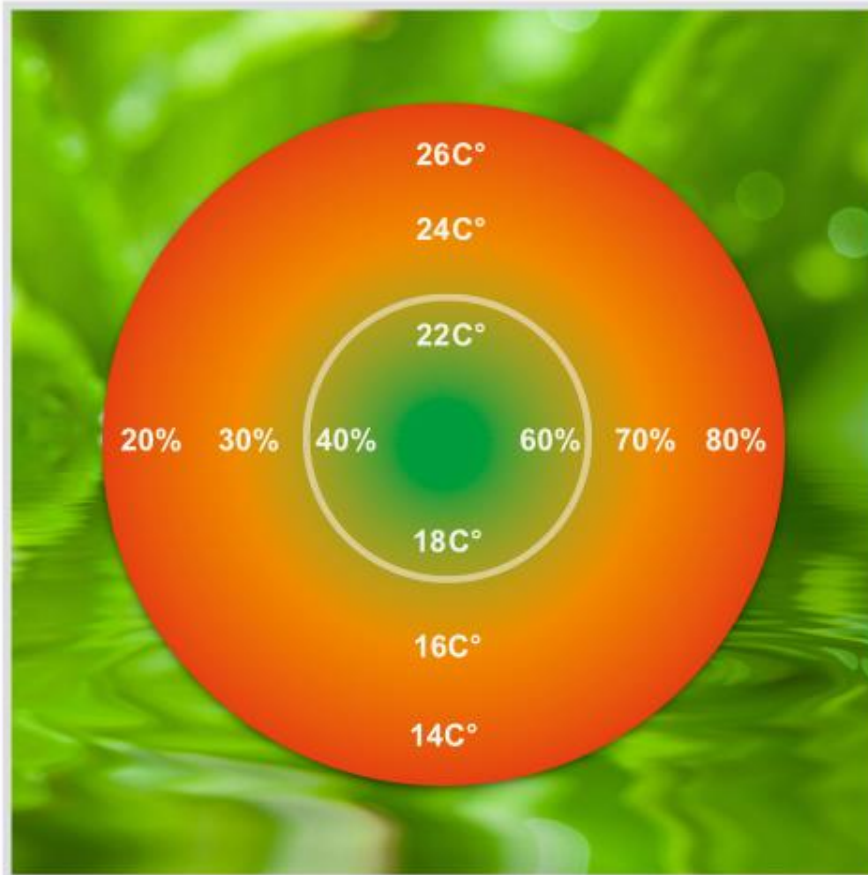




Underestimating
humidification

**European Standard
EN 13779**

1. In the air there are no pollutants in dangerous concentrations.
2. The air is not perceived as musty, foul smelling or stale.



Comfort Zone

**Recommended relative
air humidity and room
temperature**

1. 18 - 24 C°
2. 40 - 60% RH



Poor indoor climate strains on health

1. dry, cracked skin
2. conjunctivitis, dry eyes
3. nausea and dizziness
4. headaches
5. difficulty concentrating and fatigue
6. neck and back pain
7. dry mucous membranes
8. vocal cord problems
9. increasing severity of allergies
10. increasing the rate of colds

A lush, misty tropical forest with various green plants and trees. The scene is filled with dense foliage, including large ferns and tall trees, creating a vibrant and natural atmosphere. The lighting is soft, suggesting a misty or overcast day.

AEROPHYL Φ

Well being in the office and residential buildings



100%**



35%*

AEROPHYL SYSTEMS

AEON Hydroxy Pro VGV IR

Vertical Garden + evaporator-Adiabatic / Active
IR Carbon ionizer air purifier
Antibacterial Pleat filter, colloidal silver
With LED Grow Light

Rack, tank, basin - stainless steel V2A
-6 basins with air-purifying plants
-Hedera Helix, Epipremnum mix - 35%
-1000mm x 160mm x 140mm basin T2 60 (WHD)
-Oasis Substrate block, pumice stone
-Antibacterial - Colloidal silver aktiv filter
in drop and return basin:
Silver zeolite, activated carbon, quartz
-Automatic Irrigation, fertilization
-UVC Antibacterial filter, colloidal silver
in the water tank,
-Reverse Osmosis or Redox water filtered 4x to 10 x times

* Young Plants

** After 3 to 5 Months

Evaporation rate 3 liters up to 5 liters in 8 hours



Aeon Oxy Pro-Wall Segment



Window Curtain



Room Divider, Sound Absorber

Fig. 1

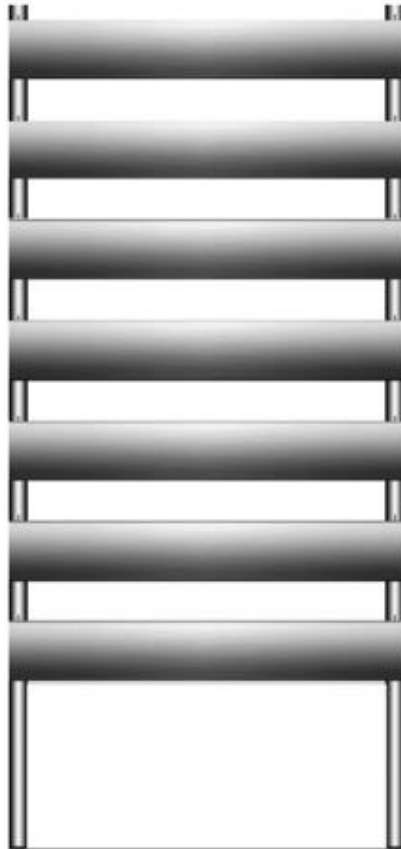


Fig.2

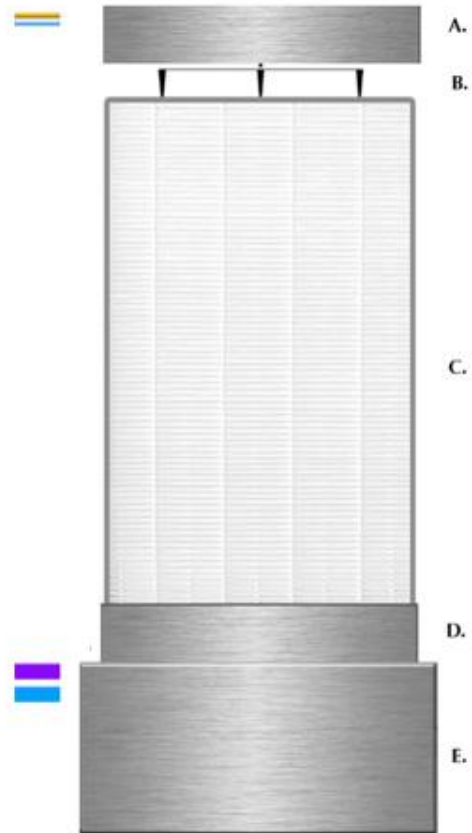
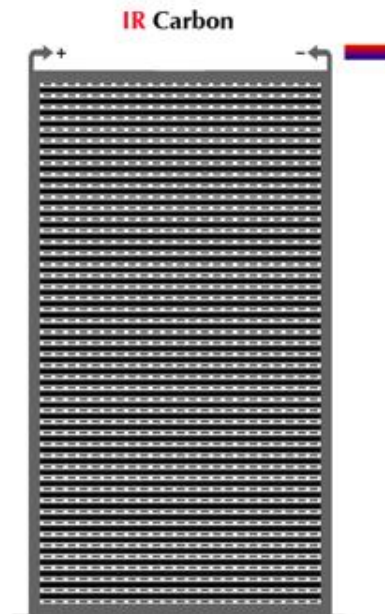
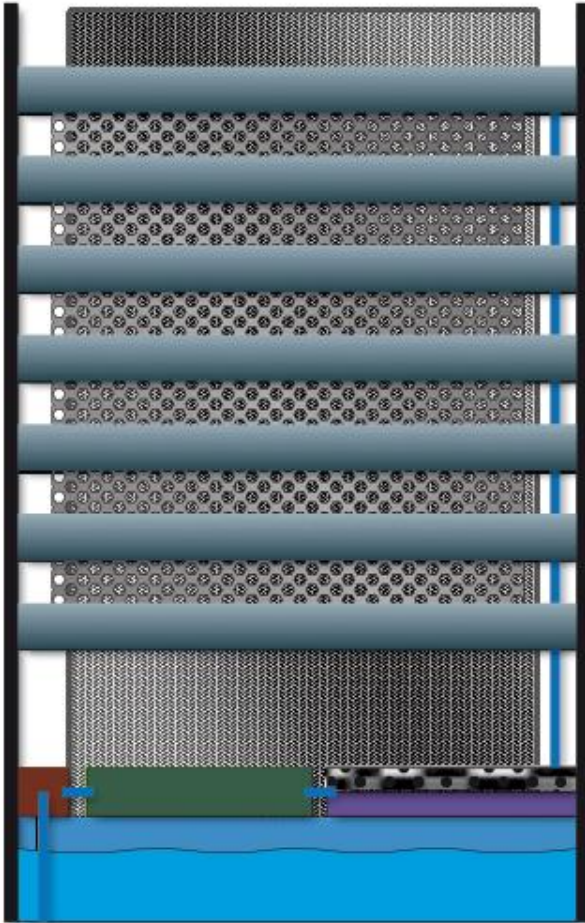


Fig.3



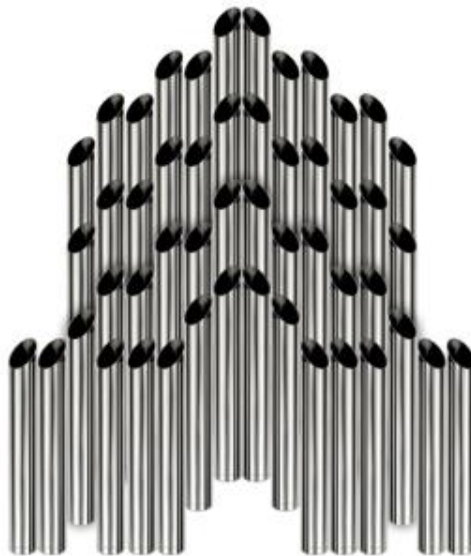


Multiple evaporation

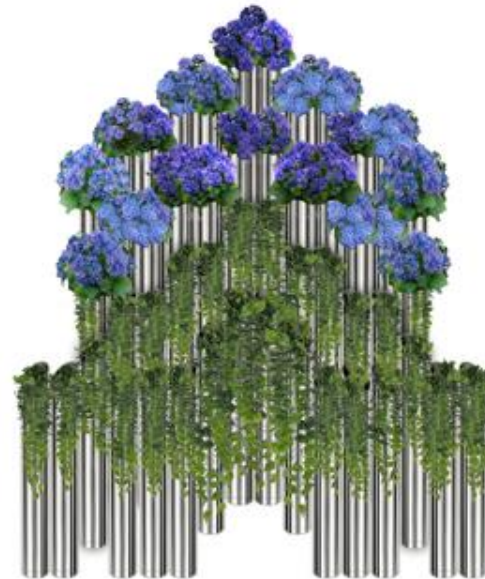
**Combined system for
maximum humidification**

Ideen-Entwurf für Isfahan

Der Vertikalgarten reflektiert Stilelemente der persischen Ornamentik. Der Entwurf 'Himmel und Erde' ist dem Eingangsportal der Shaikh Lotfollah Moschee nachempfunden. Der Vertikal Garten ist in der oberen Galerie mit 'Hydrangea persia-Blau Hortensie' bepflanzt im unteren Teil mit Hedera Helix - Efeu oder Epipremnum-Efeutüte.



V2A Edelstahl



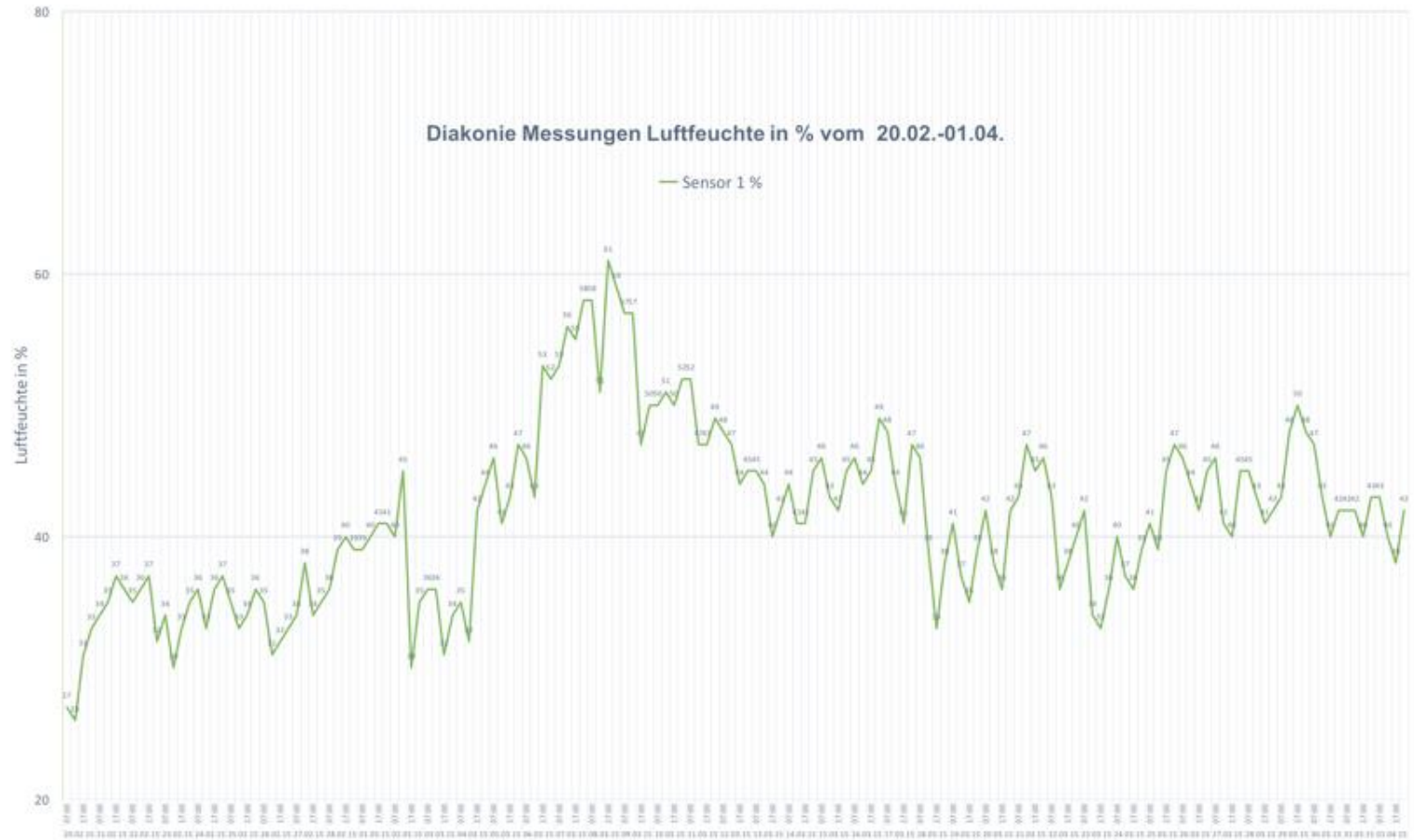




Diakonie Berlin Test-Office

From 25% to >40% RH





Thank you!



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