



MOBILE HUMIDIFIERS

Protection of health and valuable goods



Humidification, Dehumidification
and Evaporative Cooling

 **condair**



CORRECT AIR HUMIDITY AS EFFICIENT PROTECTION OF HEALTH AND VALUABLE GOODS

When the air in rooms is too dry, it obtains humidity from anything present in the environment such as human skin, plants, wood etc. Both people’s health and valuable goods such as fixtures and furnishings suffer from such processes.

Versatile use

Modern evaporative humidifiers are, amongst other things, suitable for use in all private living areas, in offices or doctor’s offices, in museums or galleries, in smaller concert or theater venues, in libraries or reading rooms as well as for value and quality-preserving storage of food, tobacco or wine, for example.

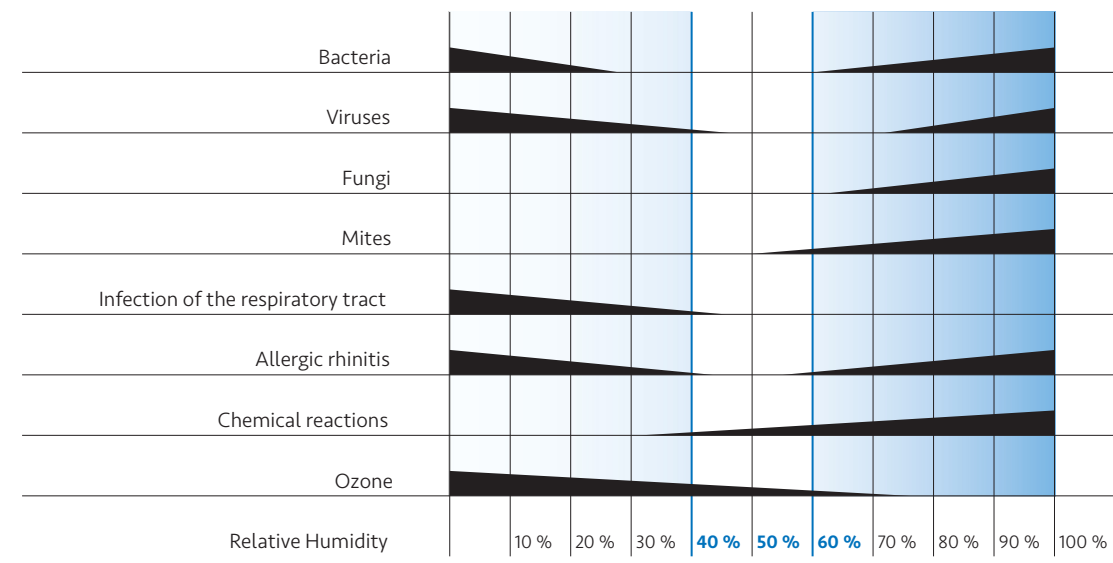


Protection of values

Dehydration, which arises as a result of the air being too dry, causes valuable string and keyboard instruments, precious cultural items such as paintings, antiques, sculptures, books and furnishings for example parquet or furniture, to sustain permanent, often irreparable damages because colors, coatings, timbers and other materials become brittle and cracked.

Protection of health

When air becomes too dry, it not only hampers a person’s comfort, but also carries considerable health risks. A lack of air humidity encourages the spread of flu viruses, the outbreak of allergic symptoms or susceptibility to colds.



Scofield/Sterling-Diagramm:

The illustration presents correlations relevant for comfort and health protection at different room humidity levels. The risk posed by undesired microorganisms and the occurrence of specific symptoms of illness are minimal **within the optimal range between 40 and 60 % relative humidity.**

Newest studies also confirm that transmissions of viruses through particulate matter (e.g. through coughing) are significantly reduced at levels above 40 % relative humidity.

THE RIGHT EVAPORATOR FOR ROOMS OF ALL SIZES



	Condair PureHum 1000 Pro			Defensor PH15	Brune B280	Brune B260
Characteristics	Purification and Humidification			Purification and Humidification	Humidification	Humidification
	Economical, hygienic user-friendly and powerful for rooms up to 1000 m³			Programmable efficient, discret and universal for rooms up to 580 m³	Compact, comfortable, economical and quiet for rooms up to max. 500 m³	Compact, modern, quiet for rooms up to max. 400 m³
Technical data						
Colors	White			White	RAL 9003 / RAL 7016	White
Dimensions (W x H x D)	cm	85 x 63 x 39		73 x 61 x 37	64.5 x 66.5 x 29.5	60 x 67 x 31
Weight netto	kg	28		25	14	17
Power Consumption	W	130		72	45	65
Water tank capacity	l	50		20	25	25
Conformity	CE			VDE, CE, GS, GOST	CE	CE
Capacity levels (automatic)		1 to	8	1234	8	4
Sound pressure level	dB(A)	32	to 58	33384550	32to44	34to40
Air circulation rate	m³/h	700	to 1000	155195280340	up to 500	up to 400
Humidification capacity 1)	l/h	1.7	to 2.6	0.81.11.51.7	1.2	1.0
Humidification capacity 2)	l/h	0.9	to 1.6	0.60.811.3	0.5	0.5
For rooms up to a max. of	m³	420	to 1000	280380510580	500	400
Water level detector	●			●	●	●
Silver Ionising				●		—
UV disinfection	●				●	—
Filter set for air cleaning	●			●	■	■
Coarse dust filter G 4					●	●
Water connection	■			■	■	■
Control via radio hygrostat	●			■	■	■

1) at 25 °C and 20 % rH 2) at 23 °C and 45 % rH ● Standard ■ Option

