

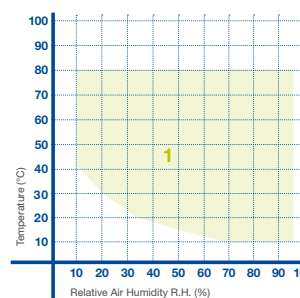
Air treatment and cooling units

Capacitive probe (electronic system)

Direct humidification takes place by means of an electric humidifier placed in the cooling unit and a steam distributor located in the air treatment unit. Dehumidification takes place in the air treatment unit through a dedicated battery.



Humidity diagram



1. Standard working range

	MODEL ¹	WZH A1	WZH B1	WZH C1	WZH A2	WZH B2	WZH C2
Temp. changing rate Heating ⁴⁺⁵ (K/min)	Compact	2,7 ^{note 7}	5,2 ^{note 7}	5,5 ^{note 7}	2,7 ^{note 10}	5,2 ^{note 10}	5,5 ^{note 10}
	Medium	2 ^{note 7}	3,8 ^{note 7}	5,5 ^{note 7}	2 ^{note 10}	3,8 ^{note 10}	5,5 ^{note 10}
	Large	1,2 ^{note 8}	2,5 ^{note 7}	3,7 ^{note 7}	1,2 ^{note 10}	2,5 ^{note 10}	3,7 ^{note 10}
	Extra large	1 ^{note 8}	2,1 ^{note 7}	3 ^{note 7}	1 ^{note 9}	2,1 ^{note 10}	3 ^{note 10}
Temp. changing rate Cooling ⁴⁺⁵ (K/min)	Compact	1,1 ^{note 7}	1,9 ^{note 7}	2 ^{note 7}	1,5 ^{note 10}	2,6 ^{note 10}	2,8 ^{note 10}
	Medium	0,8 ^{note 7}	1,4 ^{note 7}	2 ^{note 7}	1,1 ^{note 10}	1,9 ^{note 10}	2,8 ^{note 10}
	Large	0,5 ^{note 8}	0,9 ^{note 7}	1,4 ^{note 7}	0,7 ^{note 10}	1,3 ^{note 10}	1,9 ^{note 10}
	Extra large	0,4 ^{note 8}	0,8 ^{note 7}	1,2 ^{note 7}	0,5 ^{note 9}	1 ^{note 10}	1,6 ^{note 10}
Humidity range (%) ²		10...95	10...95	10...95	10...95	10...95	10...95
Temperature range for climatic test (°C)		10...80	10...80	10...80	10...80	10...80	10...80
Humidity fluctuation (%)		±3...±5	±3...±5	±3...±5	±3...±5	±3...±5	±3...±5
Maximum thermal Load (W) ⁵	T=+25°C	2000	5000	9000	3000	6000	10000
Rated power (kW)		25	39	53	28	44	60
Rated current absorption (A)		45	67	91	52	76	108
Weight (without packing) (kg)	Compact	2050	2250	2400	2300	2650	3000
	Medium	2300	2500	2650	2550	2950	3250
	Large	2800	3000	3150	3050	3450	3750
	Extra large	3150	3300	3500	3400	3750	4100
Sound pressure level dB(A) ³		68	72	76	72	76	80
Max water consumption (m ³ /h) ⁶		2,6	4,7	7	3,2	5,8	8,7
Supply voltage (Vac)		400V ±10%/50Hz/3 + N + G					

1. For Temperature only version change the prefix WZH with WZT - 2. t=+4°C/+78°C for continuous test 3. Measured at 1 m distance in front of the unit in 1,6 m height, free field measurement - 4. According to IEC 60068-3-5 and IEC 60068-3-6 in the temperature range +80/-30°C - 5. The performance data refer to +22°C ambient temperature, 400V nominal voltage, without specimen - 6. With water at T +29°C and temperature difference at 5°C (water temperature range +12/+29°C) - 7. Temperature range (-40/+80°C) - 8. Temperature range (-30/+80°C) - 9. Temperature range (-65/+80°C) - 10. Temperature range (-70/+80°C)