

Altitude test chambers / Technical features

	MODEL ¹	UD150 C	UD500 C	UD1000 C	UD500 C ES	UD1000 C ES
Useful capacity (l)		151	544	1041	544	1041
Internal dimensions approx. (mm)	WIDTH	600	800	1010	800	1010
	DEPTH	500	800	1010	800	1010
	HEIGHT	500	850	1020	850	1020
External dimensions approx. (mm)	WIDTH	1152	1312	1528	1312	1528
	DEPTH	2640	2885	3455	2885	3455
	HEIGHT	1900	2490	2290	2490	2290
Temperature Range (°C) <i>pressure value > 300mbar</i>		-70...+100	-70...+100	-70...+100	-70...+100	-70...+100
Temperature fluctuation (K)		±1	±1	±1	±1	±1
Temp. changing rate Heating ⁴⁺⁵ (K/min)	(-70/+100°C)	2	1,6	3,5	NA	NA
Temp. changing rate Cooling ⁴⁺⁵ (K/min)	(+100/-70°C)	3,8	1,6	2,5	NA	NA
Temp. changing rate Heating ⁵ (K/min)	(-55/+85°C)	NA	NA	NA	5	5
Temp. changing rate Cooling ⁵ (K/min)	(+85/-55°C)	NA	NA	NA	5	5
Humidity range (%) ²		20...95	20...95	20...95	20...95	20...95
Temp. range for climatic test (°C)		20...80	20...80	20...80	20...80	20...80
Humidity fluctuation (%)		± 3...± 5	± 3...± 5	± 3...± 5	± 3...± 5	± 3...± 5
Min pressure (mbar)		10	10	10	10	10
Pressure Fall down time to 10mbar (min.)		12	13	18	13	18
Rated power (kW)		15	22	34	31,5	45
Rated current absorption (A)		29	39	57	53,5	83
Weight (without packing) (kg)		1600	2100	2900	2200	3000
Sound pressure level dB(A) ³		65	65	65	68	73
Max water consumption (m ³ /h) ⁶		2,4	3,2	5,8	5,8	8,7
Heating/Cooling of the walls (door excluded) pressure value < 300mbar ⁵ (°C) (<i>probe on the wall</i>)		+85...-70	+85...-70	+85...-70	+85...-70	+85...-70
Supply voltage (Vac)		400V ±10%/50Hz/3 + N + G				

1. For Temperature only version change the prefix UD with TD - 2. t=+4°C/+79°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 - 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)