

COMPACT

CLIMATIC AND THERMOSTATIC CHAMBERS

	MODEL	DY16 T	DY60 T(C)	DY110 (C) ¹	DY200 (C) ¹
Useful capacity (l)		16	59,5	110	206
Internal dimensions approx. (mm)	Width	310	350	548	601
	Depth	230	340	447	541
	Height	206	500	447	634
External dimensions approx. (mm)	Width	465	630	877	927
	Depth	541	970	1080	1379
	Height	685	1180	1434	1794
Temperature range (°C)	Basic	-35...+130	-40...+180	-40...+180	-40...+180
	C model		-70...+180	-70...+180	-70...+180
Temperature fluctuation (K)		±1	±0.1...±0.3	±0.1...±0.3	±0.1...±0.3
Temperature changing rate Heating ⁴⁺⁵ (K/min)	Basic (-40/+180°C)	4,5 (-35/+130°C)	3	3,2	4
	C model (-70/+180°C)		3	2,5	4
Temperature changing rate Cooling ⁴⁺⁵ (K/min)	Basic (+180/-40°C)	3,5 (+130/-35°C)	3,1	4	4,5
	C model (+180/-70°C)		3	2,9	3
Humidity range (%) (τ=-3/+93°C) ²				10...95	10...95
Temperature range for climatic test (°C)				10...95	10...95
Humidity fluctuation (%)				±1...±3	±1...±3
Maximum thermal Load (W) ⁵	Basic T=+25°C	250	250	1100	2300
	C model T=+25°C		250	850	1500
Rated power (kW)	Basic	0,7	2,0	3	6
	C model		2,3	3,5	7
Rated current absorption (A)	Basic	4	9,7	16	10
	C model		11	16	12
Weight (kg)	Basic	60	210	350 ⁶	485
	C model		230	360 ⁶	545
Sound pressure level dB(A) ³	Basic	52	57	52	53
	C model		59	52	59
Supply voltage (Vac)		230V ±10%/50Hz/1 + G			400 V ±10%/50Hz/3 + N+ G

1. for Temperature only version add the suffix T - 2. τ= +4°C/+93°C for continuous test - 3. measured at 1 m distance in front of the unit, 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, 230V or 400V nominal voltage, without specimen - 6. value without supporting table