

# DISCOVERY MY

## NEW CLIMATIC AND THERMOSTATIC CHAMBERS

### UNIVERSAL USE

	MODEL <sup>1</sup>	DM340 (C)	DM600 (C)	DM1200 (C)	DM1600 (C)
Useful capacity (l)		337	553	1076	1439
Internal dimensions approx. (mm)	Width	601	850	1000	1000
	Depth	810	730	1130	1510
	Height	694	892	953	953
External dimensions approx. (mm)	Width	875	1124	1278	1278
	Depth	1786	1768	2222	2600
	Height	1765	2049	2111	2111
Temperature range (°C)	Basic	-40...+180	-40...+180	-40...+180	-40...+180
	C model	-75...+180	-75...+180	-75...+180	-75...+180
Temperature fluctuation (K)		±0.1...±0.3	±0.1...±0.3	±0.1...±0.3	±0.1...±0.3
Temperature changing rate Heating <sup>4+5</sup>	Basic (-40/+180°C)	4,5K/min	4,5K/min	4,5K/min	3,5K/min
	C model (-70/+180°C)	4,5K/min	4,5K/min	4,5K/min	3,5K/min
Temperature changing rate Cooling <sup>4+5</sup>	Basic (+180/-40°C)	3K/min	4,5K/min	3,3K/min	2,7K/min
	C model (+180/-70°C)	2,3K/min	4K/min	2,3K/min	2K/min
Humidity range (%) (τ=-3/+94°C) <sup>2</sup>		10...98	10...98	10...98	10...98
Temperature range for climatic test (°C)		10...95	10...95	10...95	10...95
Humidity fluctuation (%)		±1...±3	±1...±3	±1...±3	±1...±3
Maximum thermal Load (W) <sup>5</sup>	Basic T=+25°C	2300	4500	4500	4500
Maximum thermal Load (W) <sup>5</sup>	C model T=+25°C	1500	3000	3000	3000
Rated power (kW)	Basic	7	10,5	13	13
	C model	8	13	15	15
Rated current absorption (A)	Basic	11	19	24	24
	C model	13	25	28	28
Weight (kg)	Basic	665	875	1070	1200
	C model	720	990	1170	1300
Sound pressure level dB(A) <sup>3</sup>	Basic	56	61	61	61
	C model	60	63	63	63
Supply voltage (Vac)		400V ±10%/50Hz/3 + N + G			

1. for Temperature only version add the suffix T - 2. τ= +4°C/+94°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