Angelantoni
TECHNOLOGY FOR LIFE

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SR

BASIC MODELS

	MODEL	DM340 (C) SR	DM600 (C) SR	DM1200 (C) SR	DM1600 (C) SR
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	2115	2399	2461	2461
Temperature range (°C)	Basic	-20...+100 (with radiation)[1] ; -40...+180 (without Radiation)[1]			
	C model	-20...+100 (with radiation)[1] ; -70...+180 (without Radiation)[1]			
Temperature fluctuation (K)		±1 With Radiation[1] ; ±0,1...±0,5 Without Radiation (with cover)[1]			
Temperature changing rate Heating [2+3]	Basic (-40/+180°C)	4,1 K/min	4,1 K/min	4,1 K/min	3,2 K/min
	C model (-70/+180°C)	4,1 K/min	4,1 K/min	4,1 K/min	3,2 K/min
Temperature changing rate Cooling [2+3]	Basic (-40/+180°C)	2,7 K/min	4,1 K/min	3 K/min	2,4 K/min
	C model (-70/+180°C)	2,1 K/min	3,6 K/min	2,1 K/min	1,8 K/min
Humidity range (%) (τ=-3/+94°C) [4+5]		10...80 (τ=15/+80°C) With Radiation; 10...90 (τ=10/+90°C) Without Radiation (with cover)			
Temperature range for climatic test (°C) [5]		+5...+71 With Radiation ; +5...+87 Without Radiation (with cover)			
Humidity fluctuation (%)		±3...±5 With Radiation ; ±1...±3 Without Radiation (with cover)			
Maximum thermal load (W) [4+5]	Basic T=+25°C	2700	4050	4050	4050
	C model T=+25°C	1350	2700	2700	2700
Rated power (kW)	Basic	8,48	13,28	15,78	18,56
	C model	9,48	15,78	17,78	20,56
Rated current absorption (A)	Basic	17,41	31,11	36,11	48,16
	C model	19,41	37,11	40,11	52,16
Weight (kg)	Basic	715	925	1120	1250
	C model	770	1040	1220	1350
Sound pressure level dB(A) [6]	Basic	56	61	61	61
	C model	60	63	63	63
Supply voltage (Vac)		400V ±10%/50Hz/3 + N + G			
Radiation source		HMI (double ended metal halide lamp)			
Power lamp	Basic	1x1200W	1x2500W	1x2500W	2x2500W
	C model	1x1200W	1x2500W	1x2500W	2x2500W
Irradiation area	Basic	200x200mm	600x600mm	600x800mm	700x1000mm
	C model	200x200mm	600x600mm	600x800mm	700x1000mm
Restart of the lamp		10 min.			
Irradiance (W/m^2)		1150 ÷ 600			

1. Performance measured at room temperature of +22°C and empty working space - **2.** According to IEC 60068-3-5 and IEC 60068-3-6 - **3.** The performance data refer to +22°C ambient temperature, 400V nominal voltage, without specimen - **4.** τ= +4°C/+94°C for continuous test - **5.** Performance measured at room temperature of +22°C and empty working space - **6.** Measured at 1 m distance in front of the unit in 1,6m height, free field measurement - **7.** For temperature only version add suffix T

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5K/MIN

	MODEL	DM340 (C) ES SR	DM600 (C) ES SR	DM1200(C)ES SR
Useful capacity (l)		337	553	1076
Internal dimensions approx. (mm)	Width	601	850	1000
	Depth	810	730	1130
	Height	694	892	953
External dimensions approx. (mm)	Width	875	1124	1278
	Depth	1786	1768	2222
	Height	2115	2399	2461
Temperature range (°C)	Basic	-20...+100 (with radiation)[1] ; -40...+180 (without Radiation)[1]		
	C model	-20...+100 (with radiation)[1] ; -70...+180 (without Radiation)[1]		
Temperature fluctuation (K)		±1 With Radiation[1] ; ±0,1...±0,5 Without Radiation (with cover)[1]		
Temperature changing rate Heating[2+3]	Basic (-40/+180°C)	7,2 K/min	5,4 K/min	5,4 K/min
	C model (-70/+180°C)	7,2 K/min	5,4 K/min	5,4 K/min
Temperature changing rate Cooling[2+3]	Basic (-40/+180°C)	4,5 K/min	5,9 K/min	6,3 K/min
	C model (-70/+180°C)	5 K/min	5 K/min	4,5 K/min
Humidity range (%) (τ=-3/+94°C)[4+5]		10...80 (τ=15/+80°C) With Radiation; 10...90 (τ=10/+90°C) Without Radiation (with cover)		
Temperature range for climatic test (°C)[5]		+5...+71 With Radiation ; +5...+87 Without Radiation (with cover)		
Humidity fluctuation (%)		±3...±5 With Radiation ; ±1...±3 Without Radiation (with cover)		
Maximum thermal load (W)[4+5]	Basic T=+25°C	4050	4050	4050
	C model T=+25°C	2700	2700	2700
Rated power (kW)	Basic	11,38	16,18	22,78
	C model	13,48	18,98	26,98
Rated current absorption (A)	Basic	23,41	36,11	47,11
	C model	27,41	41,11	54,61
Weight (kg)	Basic	870	1035	1230
	C model	954	1140	1330
Sound pressure level dB(A)[6]	Basic	58	63	64
	C model	63	66	68
Supply voltage (Vac)		400V ±10%/50Hz/3 + N + G		
Radiation source		HMI (double ended metal halide lamp)		
Power lamp	Basic	1x1200W	1x2500W	1x2500W
	C model	1x1200W	1x2500W	1x2500W
Irradiation area	Basic	200x200mm	600x600mm	600x800mm
	C model	200x200mm	600x600mm	600x800mm
Restart of the lamp		10 min.		
Irradiance (W/m^2)		1150 ÷ 600		

1. Performance measured at room temperature of +22°C and empty working space - **2.** According to IEC 60068-3-5 and IEC 60068-3-6 - **3.** The performance data refer to +22°C ambient temperature, 400V nominal voltage, without specimen - **4.** τ= +4°C/+94°C for continuous test - **5.** Performance measured at room temperature of +22°C and empty working space - **6.** Measured at 1 m distance in front of the unit in 1,6m height, free field measurement - **7.** For temperature only version add suffix T

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STABILITY TEST

	MODEL	DM340 E SR	DM600 E SR	DM1200 E SR	DM1600 E SR
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	2115	2399	2461	2461
Temperature range (°C)		-20...+100 (with radiation)[1] ; -40...+180 (without Radiation)[1]			
Temperature fluctuation (K)		±1 With Radiation[1] ; ±0,1...±0,5 Without Radiation (with cover)[1]			
Temperature changing rate Heating[2+3]	(0/+100°C)	1,4 K/min	1,4 K/min	1,4 K/min	1,4 K/min
Temperature changing rate Cooling[2+3]	(0/+100°C)	1,4 K/min	1,4 K/min	1,4 K/min	1,4 K/min
Humidity range (%) (τ=-3/+94°C)[4+5]		10...80 (τ=15/+80°C) With Radiation; 10...90 (τ=10/+90°C) Without Radiation (with cover)			
Temperature range for climatic test (°C)[5]		+5...+71 With Radiation ; +5...+87 Without Radiation (with cover)			
Humidity fluctuation (%)		±3...±5 With Radiation ; ±1...±3 Without Radiation (with cover)			
Maximum thermal load (W)[4+5]	Basic T=+25°C	540	765	765	810
Rated power (kW)	Basic	8,48	13,28	15,78	18,56
Rated current absorption (A)	Basic	17,41	31,11	36,11	48,16
Weight (kg)	Basic	715	925	1120	1450
Sound pressure level dB(A)[6]	Basic	56	61	61	61
Supply voltage (Vac)		400V ±10%/50Hz/3 + N + G			
Radiation source		HMI (double ended metal halide lamp)			
Power lamp		1x1200W	1x2500W	1x2500W	2x2500W
Irradiation area		200x200mm	600x600mm	600x800mm	700x1000mm
Restart of the lamp		10 min.			
Irradiance (W/m^2)		1150 ÷ 600			

1. Performance measured at room temperature of +22°C and empty working space - **2.** According to IEC 60068-3-5 and IEC 60068-3-6 - **3.** The performance data refer to +22°C ambient temperature, 400V nominal voltage, without specimen - **4.** τ= +4°C/+94°C for continuous test - **5.** Performance measured at room temperature of +22°C and empty working space - **6.** Measured at 1 m distance in front of the unit in 1,6m height, free field measurement - **7.** For temperature only version add suffix T