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Universal Use

	MODEL[1]	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 [4+5]	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 [4+5]	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) [2]		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) [5]	Basic T=+25°C	2300	4500	4500	4500
Maximum thermal Load (W) [5]	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) [3]	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

Stability test

	MODEL	DM340 E	DM600 E	DM1200 E	DM1600 E
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)		-20…+180	-20…+180	-20…+180	-20…+180
Temperature fluctuation (K)		±0.1...±0.3	±0.1...±0.3	±0.1...±0.3	±0.1...±0.3
Temperature changing rate Heating [4+5]	(0/+100°C)	1,5K/min	1,5K/min	1,5K/min	1,5K/min
Temperature changing rate Cooling [4+5]	(+100/0°C)	1,5K/min	1,5K/min	1,5K/min	1,5K/min
Humidity range (%) (τ=-3/+94°C) [2]		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) [5]	T=+25°C	600	850	850	900
Rated power (kW)		7	10,5	13	13
Rated current absorption (A)		11	19	24	24
Weight (kg)		665	875	1070	1200
Sound pressure level dB(A) [3]		56	61	61	61
Supply voltage (Vac)		400V ±10%/50Hz/3 + N + G			

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

Full range of performances, matching all requirements from stability tests to the most severe stress screening applications.

Stress Screening

	MODEL	DM340 (C) ES	DM600 (C) ES	DM1200 (C) ES
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	1765	2049	2111
Temperature range (°C)	Basic	-40…+180	-40…+180	-40…+180
	C model	-75…+180	-75…+180	-75…+180
Temperature fluctuation (K)		±0.5...±1	±0.1...±0.3	±0.1...±0.3
Temperature changing rate Heating [4+5]	Basic (-40/+180°C)	8K/min	6K/min	6K/min
	C model (-70/+180°C)	8K/min	6K/min	6K/min
Temperature changing rate Cooling [4+5]	Basic (+180/-40°C)	5K/min	6,5K/min	7K/min
	C model (+180/-70°C)	5,5K/min	5,5K/min	5K/min
Humidity range (%) (τ=-3/+94°C) [2]		10...98	10...98	10...98
Temperature range for climatic test (°C)		10...95	10...95	10...95
Humidity fluctuation (%)		±1...±3	±1...±3	±1...±3
Maximum thermal Load (W) [5]	Basic T=+25°C	4500	4500	4500
	C model T=+25°C	3000	3000	3000
Rated power (kW)	Basic	9,9	12,5	18,3
	C model	12	14,3	20,9
Rated current absorption (A)	Basic	17	24	34
	C model	21	29,2	41
Weight (kg)	Basic	820	985	1180
	C model	904	1090	1280
Sound pressure level dB(A) [3]	Basic	58	63	64
	C model	63	66	68
Supply voltage (Vac)		400V ±10%/50Hz/3 + N + G		

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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

Severe Stress Screening

	MODEL[1]	DM250 C10 (15) ESS	DM500 C10 (15) ESS	DM1000 C10 (15) ESS	DM1400 C10 (15) ESS
Useful capacity (l)		255	438	1040	1368
Internal dimensions approx. (mm)	Width	601	850	1000	1000
	Depth	615	580	1020	1342
	Height	692	890	1020	1020
External dimensions approx. (mm)	Width	883	1137	1287	1287
	Depth	2080	2058	2512	2891
	Height	1777	2060	2190	2190
Temperature range (°C)		-75…+180	-75…+180	-75…+180	-75…+180
Temperature fluctuation (K)		±0.5...±1	±0.5...±1	±0.5...±1	±0.5...±1
Temperature changing rate Heating [4+5]	C 10 ESS (-70/+180°C)	10K/min	10K/min	10K/min	10K/min
	C 15 ESS (-70/+180°C)	15K/min	15K/min	15K/min	15K/min
Temperature changing rate Cooling [4+5]	C 10 ESS (+180/-70°C)	10K/min	10K/min	10K/min	10K/min
	C 15 ESS (+180/-70°C)	15K/min	15K/min	15K/min	15K/min
Humidity range (%) (τ=-3/+94°C) [2]		10...98	10...98	10...98	10...98
Temperature range for climatic test (°C)		10...95	10...95	10...95	10...95
Humidity fluctuation (%)		±3...±5	±3...±5	±3...±5	±3...±5
Maximum thermal Load (W) [5]	C 10 ESS T=+25°C	6000	7000	8000	8000
	C 15 ESS T=+25°C	8000	8000	9000	9000
Rated power (kW)		20,6	30,5	45,3	57,1
Rated current absorption (A)		40	52	85	104
Weight (kg)		1070	1225	1800	1900
Sound pressure level dB(A) [3]		69	74	76	76
Supply voltage (Vac)		400V ±10%/50Hz/3 + N + G			

1. for Temperature only version add the suffix T
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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