



Severe Stress Screening

1. for Temperature only version add the suffix T
2. $\tau = +4^{\circ}\text{C}/+94^{\circ}\text{C}$ 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 $+22^{\circ}\text{C}$ ambient temperature, 400V nominal voltage, without specimen

| | 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) | | $\pm 0.5... \pm 1$ | $\pm 0.5... \pm 1$ | $\pm 0.5... \pm 1$ | $\pm 0.5... \pm 1$ |
| 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 (%) ($\tau = -3/+94^{\circ}\text{C}$) 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 (%) | | $\pm 3... \pm 5$ | $\pm 3... \pm 5$ | $\pm 3... \pm 5$ | $\pm 3... \pm 5$ |
| Maximum thermal Load (W) ⁵ | C 10 ESS $T = +25^{\circ}\text{C}$ | 6000 | 7000 | 8000 | 8000 |
| | C 15 ESS $T = +25^{\circ}\text{C}$ | 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 $\pm 10\%$ /50Hz/3 + N + G | | | |