

DISCOVERY MY

NEW CLIMATIC AND THERMOSTATIC CHAMBERS

FLOWER

| | MODEL | FM340 (C) | FM600 (C) | FM1200 (C) |
|--|----------------------|--------------------------|-------------|-------------|
| 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) | | ±0.1...±0.3 | ±0.1...±0.3 | ±0.1...±0.3 |
| Temperature changing rate Heating ⁴⁺⁵ | Basic (-40/+180°C) | 4,5K/min | 6K/min | 6K/min |
| | C model (-70/+180°C) | 4,5K/min | 6K/min | 6K/min |
| Temperature changing rate Cooling without the "cold sink" ⁴⁺⁵ | Basic (-40/+180°C) | 3K/min | 4,5K/min | 4K/min |
| | C model (-70/+180°C) | 2,3K/min | 4K/min | 3K/min |
| Temperature changing rate Cooling with the "cold sink" ⁴⁺⁵ | Basic (-40/+180°C) | 6K/min | 6,5K/min | 7K/min |
| | C model (-70/+180°C) | 3,8K/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 | 2300 | 4500 | 4500 |
| | C model T=+25°C | 1500 | 3000 | 3000 |
| Rated power (kW) | Basic | 6,4 | 12,5 | 18,3 |
| | C model | 7,3 | 14,3 | 20,9 |
| Rated current absorption (A) | Basic | 12,8 | 24 | 34 |
| | C model | 16 | 29,2 | 41 |
| Weight (kg) | Basic | 780 | 985 | 1180 |
| | C model | 830 | 1090 | 1280 |
| Sound pressure level dB(A) ³ | Basic | 58 | 63 | 64 |
| | C model | 63 | 66 | 68 |
| Sound pressure level at steady cond. dB(A) ³ | Basic | 54 | 56 | 59 |
| | C model | 56 | 60 | 63 |
| 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