

| | MODEL* | DM340 (C) | DM600 (C) | DM1200 (C) | DM1600 (C) |
|---|----------------------|--------------------------|-----------------|-----------------|-----------------|
| Useful capacity (l) | | 337 | 553 | 1076 | 1439 |
| Internal dim. (mm) | W | 601 | 850 | 1000 | 1000 |
| | D | 810 | 730 | 1130 | 1510 |
| | H | 694 | 892 | 953 | 953 |
| External dim. (mm) | W | 919 | 1127 | 1278 | 1278 |
| | D | 1786 | 1767 | 2222 | 2601 |
| | H | 1731 | 2015 | 2080 | 2080 |
| Temp. Range (°C) | Basic | -40...+180 | -40...+180 | -40...+180 | -40...+180 |
| | C model | -75...+180 | -75...+180 | -75...+180 | -75...+180 |
| Temperature fluctuation | | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C |
| Temperature rate of change (measured at the control probe) | | | | | |
| Heating | Basic (-40/+180°C) | 4,5°C/min | 4,5°C/min | 4,5°C/min | 3,5°C/min |
| | C model (-70/+180°C) | 4,5°C/min | 4,5°C/min | 4,5°C/min | 3,5°C/min |
| Cooling | Basic (+180/-40°C) | 3°C/min | 4,5°C/min | 3,3°C/min | 2,7°C/min |
| | C model (+180/-70°C) | 2,3°C/min | 4°C/min | 2,3°C/min | 2°C/min |
| R.H. range ($\tau=-3/+94^\circ\text{C}$)** | | 10%...98% | 10%...98% | 10%...98% | 10%...98% |
| R.H. precision | | ±1%...±3% | ±1%...±3% | ±1%...±3% | ±1%...±3% |
| Dissipation (W) | Basic T=-25°C | 600 | 1300 | 1300 | 1300 |
| | C model T=-55°C | 750 | 2000 | 2000 | 2000 |
| 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 | 680 | 885 | 1080 | 1400 |
| | C model | 730 | 990 | 1180 | 1500 |
| Noise (dBA)*** | Basic | 59 | 64 | 64 | 64 |
| | C model | 63 | 66 | 66 | 66 |
| Supply voltage (Vac) | | 400V ±10%/50Hz/3 + N + G | | | |

* for Temperature only version add the suffix T ** $\tau=+4^\circ\text{C}/+94^\circ\text{C}$ for continuous test

*** measured at 1 m from the front in a non reverberating room REM: Performances related to the basic configuration, without any option

| | MODEL* | DM340 E | DM600 E | DM1200 E | DM1600 E |
|---|------------|--------------------------|-----------------|-----------------|-----------------|
| Useful capacity (l) | | 337 | 553 | 1076 | 1439 |
| Internal dim. (mm) | W | 601 | 850 | 1000 | 1000 |
| | D | 810 | 730 | 1130 | 1510 |
| | H | 694 | 892 | 953 | 953 |
| External dim. (mm) | W | 919 | 1127 | 1278 | 1278 |
| | D | 1786 | 1767 | 2222 | 2601 |
| | H | 1731 | 2015 | 2080 | 2080 |
| Temp. Range (°C) | | -20...+180 | -20...+180 | -20...+180 | -20...+180 |
| Temperature fluctuation | | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C |
| Temperature rate of change (measured at the control probe) | | | | | |
| Heating | (0/+100°C) | 1,5°C/min | 1,5°C/min | 1,5°C/min | 1,5°C/min |
| Cooling | (+100/0°C) | 1,5°C/min | 1,5°C/min | 1,5°C/min | 1,5°C/min |
| R.H. range ($\tau=-3/+94^{\circ}\text{C}$)** | | 10%...98% | 10%...98% | 10%...98% | 10%...98% |
| R.H. precision | | ±1%...±3% | ±1%...±3% | ±1%...±3% | ±1%...±3% |
| Dissipation (W) | T=0°C | 500 | 500 | 500 | 500 |
| Rated power (kW) | | 7 | 10,5 | 13 | 13 |
| Rated current absorption (A) | | 11 | 19 | 24 | 24 |
| Weight (kg) | | 680 | 885 | 1080 | 1400 |
| Noise (dBA)*** | | 59 | 64 | 64 | 64 |
| Supply voltage (Vac) | | 400V ±10%/50Hz/3 + N + G | | | |

* for Temperature only version add the suffix T ** $\tau= +4^{\circ}\text{C}/+94^{\circ}\text{C}$ for continuous test

*** measured at 1 m from the front in a non reverberating room REM: Performances related to the basic configuration, without any option

From 01/07/2015

| | MODEL* | DM340 ES | DM600 ES | DM1200 ES |
|---|----------------------|-----------------|--------------------------|-----------------|
| Useful capacity (l) | | 337 | 553 | 1076 |
| Internal dim. (mm) | W | 601 | 850 | 1000 |
| | D | 810 | 730 | 1130 |
| | H | 694 | 892 | 953 |
| External dim. (mm) | W | 919 | 1127 | 1278 |
| | D | 1786 | 1767 | 2222 |
| | H | 1731 | 2015 | 2080 |
| Temp. Range (°C) | Basic | -40...+180 | -40...+180 | -40...+180 |
| | C model | -75...+180 | -75...+180 | -75...+180 |
| Temperature fluctuation | | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C |
| Temperature rate of change (measured at the control probe) | | | | |
| Heating | Basic (-40/+180°C) | 8°C/min | 6°C/min | 6°C/min |
| | C model (-70/+180°C) | 8°C/min | 6°C/min | 6°C/min |
| Cooling | Basic (+180/-40°C) | 5°C/min | 8°C/min | 7°C/min |
| | C model (+180/-70°C) | 5,5°C/min | 7°C/min | 5°C/min |
| R.H. range (τ=-3/+94°C)** | | 10%...98% | 10%...98% | 10%...98% |
| R.H. precision | | ±1%...±3% | ±1%...±3% | ±1%...±3% |
| Dissipation (W) | Basic T=-25°C | 1600 | 1300 | 1800 |
| | C model T=-55°C | 2000 | 2000 | 2000 |
| Weight (kg) | Basic | 820 | 985 | 1180 |
| | C model | 904 | 1090 | 1280 |
| Noise (dBA)*** | Basic | 59 | 64 | 65 |
| | C model | 64 | 67 | 69 |
| Supply voltage (Vac) | | | 400V ±10%/50Hz/3 + N + G | |

* for Temperature only version add the suffix T ** τ= +4°C/+94°C for continuous test

| | MODEL* | DM250 C 10 (15) ESS | DM500 C 10 (15) ESS | DM1000 C 10 (15) ESS | DM1400 C 10 (15) ESS |
|---|-----------------------|--------------------------|---------------------|----------------------|----------------------|
| Useful capacity (l) | | 255 | 438 | 1040 | 1368 |
| Internal dim. (mm) | W | 601 | 850 | 1000 | 1000 |
| | D | 615 | 580 | 1020 | 1342 |
| | H | 692 | 890 | 1020 | 1020 |
| External dim. (mm) | W | 890 | 1138 | 1285 | 1285 |
| | D | 2110 | 2090 | 2540 | 2920 |
| | H | 1752 | 2078 | 2202 | 2202 |
| Temp. Range (°C) | | -75...+180 | -75...+180 | -75...+180 | -75...+180 |
| Temperature fluctuation | | ±0.5°C...±1°C | ±0.5°C...±1°C | ±0.5°C...±1°C | ±0.5°C...±1°C |
| Temperature rate of change (measured at the control probe) | | | | | |
| Heating | C 10 ESS (-70/+180°C) | 10°C/min | 10°C/min | 10°C/min | 10°C/min |
| | C 15 ESS (-70/+180°C) | 15°C/min | 15°C/min | 15°C/min | 15°C/min |
| Cooling | C 10 ESS (+180/-70°C) | 10°C/min | 10°C/min | 10°C/min | 10°C/min |
| | C 15 ESS (+180/-70°C) | 15°C/min | 15°C/min | 15°C/min | 15°C/min |
| R.H. range ($\tau=-20/+94^{\circ}\text{C}$)** | | 10%...98% | 10%...98% | 10%...98% | 10%...98% |
| R.H. precision | | ±3%...±5% | ±3%...±5% | ±3%...±5% | ±3%...±5% |
| Dissipation (W) | C 10 ESS T=-55°C | 4000 | 5500 | 7000 | 7500 |
| | C 15 ESS T=-55°C | 4500 | 6000 | 7500 | 8000 |
| Rated power (kW) | | 20,6 | 30,5 | 45,3 | 57,1 |
| Rated current absorption (A) | | 40 | 52 | 85 | 104 |
| Weight (kg) | | 1070 | 1225 | 1500 | 1670 |
| Noise (dBA)*** | | 70 | 75 | 77 | 77 |
| Supply voltage (Vac) | | 400V ±10%/50Hz/3 + N + G | | | |

* for Temperature only version add the suffix T ** $\tau=+2^{\circ}\text{C}/+94^{\circ}\text{C}$ for continuous test

*** measured at 1 m from the front in a non reverberating room REM: Performances related to the basic configuration, without any option

From 01/07/2015

| MODEL | FM340 | FM340 C | FM600 | FM600 C | FM1200 | FM1200 C | |
|---|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|
| Useful capacity (l) | 337 | 337 | 553 | 553 | 1076 | 1076 | |
| Internal dim. (mm) | W | 601 | 601 | 850 | 850 | 1000 | 1000 |
| | D | 810 | 810 | 730 | 730 | 1130 | 1130 |
| | H | 694 | 694 | 892 | 892 | 953 | 953 |
| External dim. (mm) | W | 919 | 919 | 1127 | 1127 | 1278 | 1278 |
| | D | 1786 | 1786 | 1767 | 1767 | 2222 | 2222 |
| | H | 1731 | 1731 | 2015 | 2015 | 2080 | 2080 |
| Temp. Range (°C) | -40...+180 | -75...+180 | -40...+180 | -75...+180 | -40...+180 | -75...+180 | |
| Temperature fluctuation | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C | ±0.1°C...±0.3°C | |
| Temperature rate of change (measured at the control probe) | | | | | | | |
| Heating* | 4,5°C/min | 4,5°C/min | 6°C/min | 6°C/min | 6°C/min | 6°C/min | |
| Cooling without the "cold sink"* | 3°C/min | 2°C/min | 4°C/min | 4°C/min | 4°C/min | 4°C/min | |
| Cooling with the "cold sink"* | 6°C/min | 3,8°C/min | 8°C/min | 7°C/min | 7°C/min | 5°C/min | |
| R.H. range (τ=-3/+94°C)** | 10%...98% | 10%...98% | 10%...98% | 10%...98% | 10%...98% | 10%...98% | |
| R.H. precision | ±1%...±3% | ±1%...±3% | ±1%...±3% | ±1%...±3% | ±1%...±3% | ±1%...±3% | |
| Dissipation (W)*** | 600 | 750 | 1300 | 2000 | 1300 | 2000 | |
| Weight (kg) | 780 | 830 | 985 | 1090 | 1180 | 1280 | |
| Max noise (dBA)**** | 59 | 64 | 64 | 67 | 65 | 69 | |
| Max noise at steady conditions (dBA)**** | 54 | 57 | 57 | 61 | 60 | 64 | |
| Supply voltage (Vac) | 400V ±10%/50Hz/3 + N + G | | | | | | |

* in the range -40/+180°C (for C versions in the range -70/+180°C) ** τ= +4°C/+94°C for continuous test ***T=-25°C (for C versions T=-55°C)

**** measured at 1 m from the front in a non reverberating room REM: Performances related to the basic configuration, without any option