

Vertiv Liebert DataMate 3000-2

Precision cooling systems | DME05 to DME27 | R410A

Features

Copeland scroll compressor, high sensible cooling capacity and high airflow. Front-access service and washable filters. Optional electric heating and infrared humidification. Remote monitoring, alarms, coordinated backup/rotation, delayed automatic restart and self-diagnostics. Variable-speed outdoor fan control.

Outdoor ambient range: -15 to 45°C standard; low-temperature kit for -34 to -15°C.

Parameter	DME05	DME07	DME12	DME17	DME22	DME27
Total cooling (kW)	5.5	7.5	12.5	17	22	28.1
Sensible cooling (kW)	5	7	11.3	15.5	19.8	25.3
Airflow (m³/h)	2000	2000	3100	4300	6000	7300
Fans / compressors	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
External static pressure (Pa)	20-50	20-50	20-50	20-50	20-50	20-50
Optional heater (kW)	3	3	3	5.5	6	6
Optional humidifier (kg/h)	1.5	1.5	1.5	3	3	3
Net weight (kg)	85	85	125	230	253	283
Maximum current (A)	20	20	20	25	26.8	30.3
Recommended breaker (A)	32	32	32	40	40	40

Cooling capacities: 24°C indoor temperature, 50% relative humidity. Upflow across the family; downflow options on DME22/DME27. Air-cooled and water-cooled configurations are listed.

Dimensions and outdoor-unit selection

Indoor model	Width x depth x height (mm)
DME05	510 x 385 x 1850
DME07	510 x 385 x 1850
DME12	600 x 500 x 1975
DME17	750 x 650 x 1975
DME22	800 x 765 x 1975
DME27	850 x 835 x 1975

Outdoor unit dimensions

Model	Dimensions W x D x H (mm)	Weight (kg)
DMC05WP1	787 x 352 x 829	40
DMC07WP1	787 x 352 x 829	40
DMC12WP1	787 x 352 x 1240	61
DMC17WT3	950 x 400 x 1245	85
DMC22MT1	Vertical: 1133 x 520 x 1323; horizontal: 1305 x 1133 x 974	104
DMC27MT1	Vertical: 1293 x 520 x 1491; horizontal: 1473 x 1293 x 974	120
DML07WP1 (low-temperature)	1037 x 352 x 829	53
DML12WP1 (low-temperature)	1037 x 352 x 1240	95

Source and edition notes

Independently prepared English technical edition by IWELL, 22 October 2026. This is not an official Vertiv English publication. Specifications refer to the cited source revision; confirm the exact model and supplied configuration before selection.

Source: DataMate-3000-2-Brochure-ZH.pdf

Manufacturer source: <https://www.vertiv.com/491e57/globalassets/products/thermal-management/room-cooling/liebert-datamate3000-2-series-high-energy-efficiency-precision-cooling-system/liebert-datamate3000-2.pdf>

Source: 2023 brochure, E-X6210753-0423, both pages. A 510 x 385 x 1850 mm cabinet corresponds to both DME05 and DME07 and does not uniquely identify capacity. Outdoor-unit compatibility must be confirmed for the selected configuration.