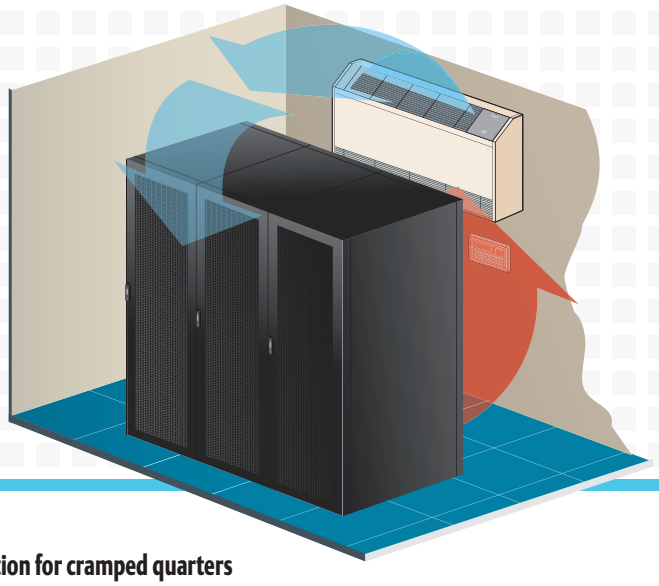
Precision Cooling
For Business-Critical Continuity

DataMate™

Economical, Space-Saving Cooling Systems For Sensitive Electronics

Liebert®

EMERSON™
Network Power



Precision Cooling Designed To Fit The Smallest Spaces

DataMate precision environmental systems are the perfect solution for cramped quarters requiring temperature and humidity control for sensitive electronics. And while the systems are matched to meet the needs of computers, they are also designed to be convenient for the people sharing space with the protected equipment.

Space-saving. The slim, compact DataMate may be wall- or floor-mounted, and requires minimal service access, limiting floor space requirements.

High sensible cooling capacity. Unlike "comfort" air conditioners, Liebert systems are designed for the cooling requirements of electronic equipment—80% of the capacity dedicated to the removal of dry "sensible" heat, and 20% for control of humidity.

Reliable. The Liebert installed-base is a testimonial to system reliability. Components include a compressor; a high efficiency copper-tube, aluminum-fin evaporator coil; and a double inlet, direct drive fan.

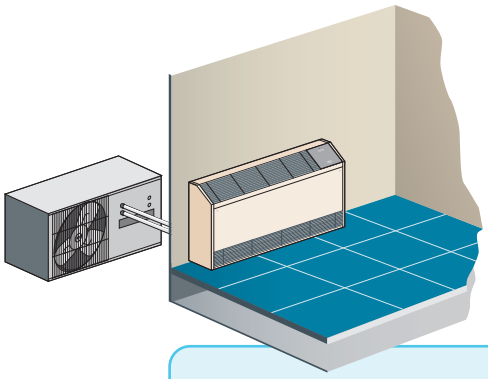
Quiet. The units are designed to operate quietly with the compressor vibration-isolated from the chassis. The cabinet is also insulated to further ensure quiet operation. On many models, the compressor-containing condensing unit can be remotely located to further reduce noise levels in the controlled space. Quiet-Line outdoor condensing units are available for 6-8 dba sound level reduction over the standard models.

Flexibility options. DataMate systems are available in capacities of 1.5, 2 and 3 tons in air, water, glycol, and a self-contained 3 ton chilled water model. Systems may be configured as self-contained or separated from the condensing unit, depending on the model.

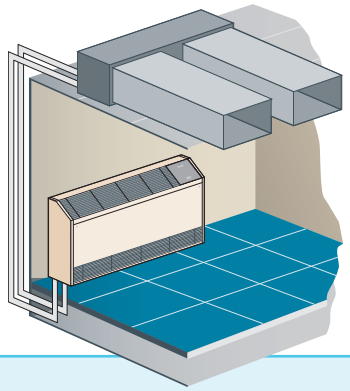
Easy installation. All DataMate components are precharged, and require no field brazing, evacuation or charging. Precharged refrigerant lines are available to connect evaporator and remote condensing unit modules when required.

Two-speed fan operation. High speed provides quiet operation and maximum cooling. Low speed provides maximum dehumidification and lowest sound level. The speed can be automatically or manually selected.

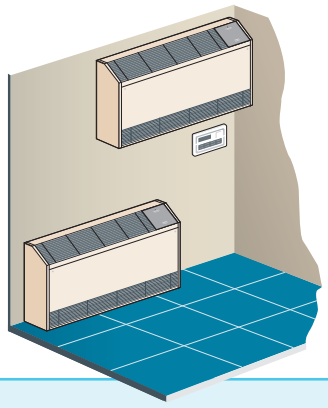
Corrosion-Resistant Cabinet. Durability is ensured with Powder Coated Paint panels.



Outdoor Air Cooled. *Suitable for roof or ground level site. The condensing unit is designed for operation as low as -30˚F.*



Indoor Air Cooled. *For high-rise and other applications where roof or ground level locations are impractical. May be located above the dropped ceiling and ducted to the outside. Designed for operation down to -20˚F ambient.*

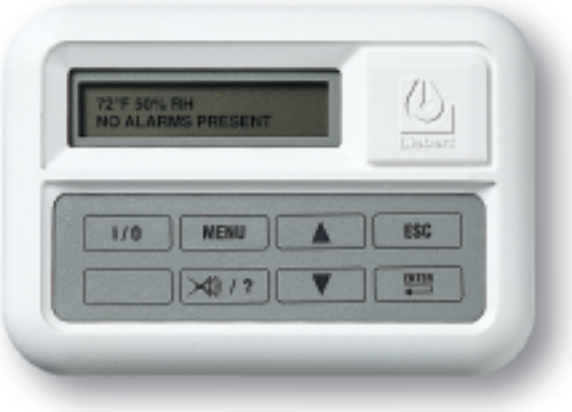


The compact DataMate system requires minimal floorspace; when wall-mounted, no floorspace is required.

Indoor and outdoor condensing unit options maximize DataMate installation options for better system flexibility. Outdoor models are available in Quiet-Line and High Ambient versions.

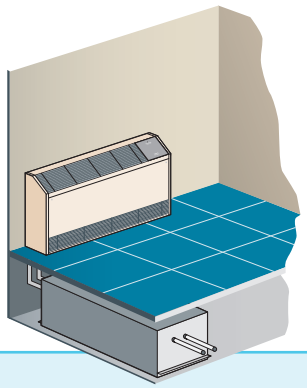
Specifications

	60 Hertz				50 Hertz			
	High Fan Speed		Low Fan Speed		High Fan Speed		Low Fan Speed	
	BTUH	kW	BTUH	kW	BTUH	kW	BTUH	kW
Air Cooled								
DME020E								
Total	16900	(5.0)	16800	(4.9)	17600	(5.2)	17300	(5.1)
Sensible	15400	(4.5)	14300	(4.2)	14300	(4.2)	13400	(3.9)
DME027E								
Total	21900	(6.4)	21600	(6.3)	19900	(5.8)	19600	(5.7)
Sensible	20200	(5.9)	18700	(5.5)	17700	(5.2)	16400	(4.8)
DME037E								
Total	32100	(9.4)	31800	(9.3)	28900	(8.5)	28600	(8.4)
Sensible	26400	(7.7)	25100	(7.4)	23000	(6.7)	22000	(6.4)
Water Cooled								
DME020E								
Total	18000	(5.3)	17800	(5.2)	15300	(4.5)	15100	(4.4)
Sensible	15900	(4.7)	14800	(4.3)	13400	(3.9)	12400	(3.6)
DME027E								
Total	23800	(7.0)	23400	(6.9)	20200	(5.9)	19800	(5.8)
Sensible	21000	(6.2)	19400	(5.7)	17800	(5.2)	16500	(4.8)
DME037E								
Total	33300	(9.8)	32900	(9.6)	28400	(8.3)	28000	(8.2)
Sensible	26900	(7.9)	25600	(7.5)	22800	(6.7)	21700	(6.4)
Glycol Cooled								
DME020E								
Total	15700	(4.6)	15600	(4.6)	13400	(3.9)	12900	(3.8)
Sensible	15700	(4.6)	13800	(4.0)	12000	(3.5)	10300	(3.0)
DME027E								
Total	22100	(6.5)	20300	(5.9)	18600	(5.4)	16700	(4.9)
Sensible	22100	(6.5)	18200	(5.3)	18600	(5.4)	14400	(4.2)
DME037E								
Total	29600	(8.7)	29500	(8.6)	26000	(7.6)	26000	(7.6)
Sensible	25400	(7.4)	24100	(7.1)	22400	(6.6)	21800	(6.4)
Chilled Water								
DME044C								
Total	27000	(7.9)	24800	(7.3)	24400	(7.1)	22500	(6.6)
Sensible	24900	(7.3)	22700	(6.7)	22000	(6.4)	20100	(5.9)

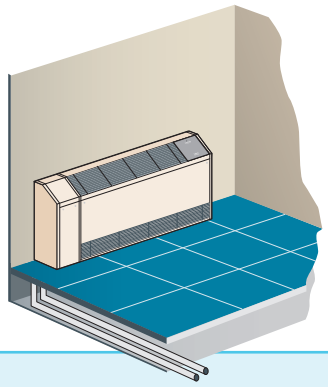


Microprocessor control system. The microprocessor control system, with its user-friendly wall-mount display, provides precise temperature and accurate alarm setpoints. Using touch-sensitive buttons, the monitor/control panel allows you to select and display time, temperature, humidity, alarm indication and other parameters.

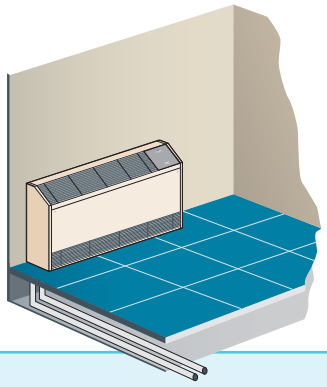
NRTL-C Certified. Standard products are NRTL-C listed/certified. NRTL-C meets both U.S. and Canadian government safety standards, providing fast, hassle-free inspection and building code approval.



Water/Glycol Cooled Remote. *Utilizes an existing water or glycol loop. Condensing unit is located under the raised floor or above the dropped ceiling.*



Water/Glycol Cooled Integral. *Totally packaged. A single power and water supply connection puts the unit in operation.*



Chilled Water. *This unit simply connects to a chilled water loop, for quick and easy installation.*

Ensuring The High Availability Of Mission-Critical Data And Applications.

Emerson Network Power, the global leader in enabling business-critical continuity, ensures network resiliency and adaptability through a family of technologies — including Liebert power and cooling technologies — that protect and support business-critical systems. Liebert solutions employ an adaptive architecture that responds to changes in criticality, density and capacity. Enterprises benefit from greater IT system availability, operational flexibility, and reduced capital equipment and operating costs.

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