Liebert® *MCR*
Mini Computer Room Enclosure

Liebert MCR
Mini Computer Room Enclosure

The Liebert MCR is a self-contained rack enclosure system that includes a load-sized, computer-grade air conditioner located at the bottom of the enclosure, with the option of a top mount design, supplying cool air to sensitive equipment on all levels. A back-up cooling system ensures environmental security. Power can be supplied and protected through an optional Liebert GXT on-line UPS or Liebert PSI line-interactive UPS.

Secure Door lockable door provides an extra measure of security by limiting access to critical equipment.
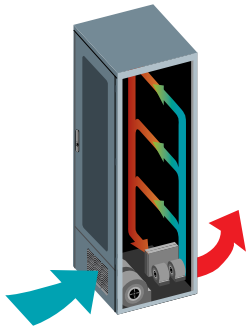
BCM (Back-up Cooling Module)

Sealed Door specially designed rubber gasket provides NEMA12 sealing protection.

Liebert GXT2 on-line UPS

ECM (Environmental Control Module)

An optional top mounted ECM allows for maximum use of internal rack space and can be used to double capacity with internal/rack mount ECM.

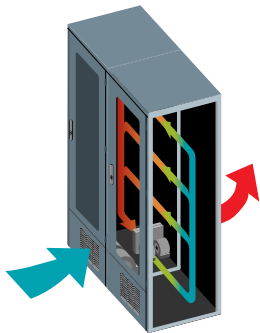# Exclusive Uninterruptible Environmental Support

Internal ECM
The integrated ECM enclosure design promotes the best air circulation to prevent hot spots within the enclosure. Inside and outside air are isolated for maximum cleanliness.
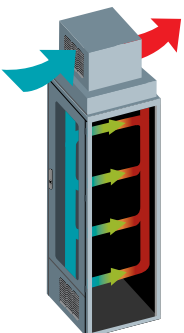
Back-Up Cooling
During high internal temperature or power outage conditions, the BCM (Back-Up Cooling Module) — powered by the enclosure's UPS — is automatically activated, drawing in filtered outside air to ensure continuous air flow to protected equipment.

Air Distribution
Exclusive ECM conditioned air distribution duct ensures uniform air flow for multiple enclosures.

External ECM
The top mounted ECM allows maximum use of internal rack space or can be used with the internal/rack mount ECM to double cooling capacity.

Flexibility:
■ Designed as a plug-and-play system ready to install.
■ Wheel-mounted cabinet for easy relocation.
■ Adjustable racks and rack rails support a wide variety of equipment.
■ Optional top mounted air conditioning allows maximum use of internal rack space or can be used to double cooling capacity with the internal air conditioning unit.

Higher Availability:
■ Cools IT equipment to eliminate downtime from overheating.
■ Lockable door protects against unauthorized access.
■ Specially designed door gasket and sealed cable entrance ensure stable cooling environment.
■ Back-up cooling assures continued cooling in the event of a power loss.
■ Improved cable access and management improves airflow to reduce overheating of protected IT equipment.

Lowest Total Cost Of Ownership:
■ Competitively priced as an integrated system, compared to purchasing separate components.
■ Simplified plug-and-play installation reduces overall implementation time, reducing costs.
■ Optional energy saver control saves money by allowing back-up cooling to operate as primary enclosure cooler.
■ Integrated air conditioning reduces potential downtime costs by assuring proper system operation.

Ideally Suited For:
■ Network closets
■ Server closets or small rooms

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

Specifications

ENCLOSURE DIMENSIONS

Model	Overall Frame Dimensions			Rack		Adjustable Rack Depth		Internal Rack Height	
	Height*	Width	Depth***	Width	Available Width	B****			
	In. (mm)			In. (mm)	In. (mm)	Max In.(mm)	Min In.(mm)	RACK U	In. (mm)
HD_780	77 (1956)	23.5 (597)	30 (762)	19 (483)	17.8 (450)	22.5 (571.5)	18.5 (470)	42	73.5 (1867)
HD_788	77 (1956)	23.5 (597)	38 (965)	19 (483)	17.8 (450)	30.5 (775)	26.5 (673)	42	73.5 (1867)

* Casters add 1.5" to overall height of frame = 2000mm.   *** BCM option adds an additional 3.00" to overall depth of frame.

**** Max dimension is for ex-factory configuration. Rails can be inverted to provide an additional 4.00" of adjustment.

ECM (Environmental Cooling Module) PERFORMANCE DATA

Model Number	Rated Capacity	Supported Load		Height	Width	Depth	Total Heat Rej.	Input Power (1PH)						Sound
	BTUH (Watts)	BTUH (Watts)	Max Ambient	In (mm) - U	In (mm)	In (mm)	BTUH (Watts)	Volts	Hz	FLA	WSA	OPD	Plug	Lpa (1.5 m)
ECM1000L*-C60	5315 (1557)	2811 (824)	105°F / 41°C	12.25 (311)-7	17.43 (443)	29 (737)	7146 (2094)	120	60	7.3	8.6	15	73.5 (1867)	52
ECM2000L*-C60	6897 (2021)	5621 (1647)	105°F / 41°C	12.25 (311)-7	17.43 (443)	29 (737)	10935 (3204)	120	60	9.8	11.7	15	73.5 (1867)	52

*" T (top mount) and R (rack mount). Top mount weight does not include interface plenum. The interface plenum for a 19"" rack x 30 "" deep cabinet is 38 lbs."

Sound data based on sound pressure A-weighted scale for free field spherical radiation at 1.5 meters from cabinet.

Sound data reflects only rack mount design. Consult factory for top mount data.

BCM (Back-Up Cooling Module) PERFORMANCE DATA

Model Number	Rated Capacity	Supported Load		Height	Width	Depth	Weight	Total Heat Rej.	Input Power (1PH)					Sound
	BTUH (Watts)	BTUH (Watts)	Max Ambient	In (mm) - U	In (mm)	In (mm)	lbs (kg)	BTUH (Watts)	Volts	Hz	FLA	WSA	OPD	Lpa (1.5 m)
BCM 1000L-60	N/A	2811 (824)	105°F / 41°C	35.0 (889)	15.5 (393.7)	3.75 (95.2)	47 (21.3)	7146 (2094)	120	60	1.0	1.3	15	57
BCM 2000L-60	N/A	2811 (824)	105°F / 41°C	35.0 (889)	15.5 (393.7)	3.75 (95.2)	47 (21.3)	10935 (3204)	120	60	2.0	2.5	15	59

Above BCM weight includes rear door weight of 17 Lbs.

Sound data based on sound pressure A-weighted scale for free field spherical radiation at 1.5 meters from cabinet.

MAINLINE
COMPUTER PRODUCTS

Mainlinecomputer.com
sales@mainlinecomputer.com
614.436.7655

Emerson Network Power.

The global leader in enabling *Business-Critical Continuity*™.

- AC Power
- Connectivity
- DC Power
- Embedded Computing
- Embedded Power
- Monitoring
- Outside Plant
- Power Switching & Controls
- Precision Cooling
- **Racks & Integrated Cabinets**
- Services
- Surge Protection