LIEBERT® FCM

The Advanced Direct Freecooling Module



Liebert® FCM represents the most complete direct freecooling module specifically designed to control the environmental conditions of technological rooms as well as of Telecom network sites

- Independent Solution Maximizing Freecooling Operation
- Smart Control and Advanced Software Features Guaranteeing Efficient Unit Regulation
- EC Fan Technology Included for Higher Energy Efficiency
- Compatible with All Our Mobile Units for Enhanced Energy Savings
- Backed by the Industry's Best Service and Support

This compact module can be installed both inside and outside a technological room

Independent Solution Maximizing Freecooling Operation

- Liebert FCM exploits cold external air to cool equipment placed inside technological rooms or shelters for superior energy savings
- Designed to operate 24/7 all year round.

Smart Control and Advanced Software Features Guaranteeing Efficient Unit Regulation

- The unit has built-in temperature sensors, thus maintaining the temperature within defined limits
- The dedicated 'Delta T' software function controls the delta T between external and internal air allowing for efficient fan speed modulation
- The module can manage up to two comfort AC units, thus significantly reducing energy consumption
- With the advanced control, the unit can also manage an external motorized damper and external heaters.

EC Fan Technology Included for Higher Energy Efficiency

 EC fans installed in the Liebert FCM automatically adjust the fan speed according to cooling requirements, thus increasing overall efficiency.





Liebert FCM - Installed Outside a Technological Room



Compatible with All Our Mobile Units for Enhanced Energy Savings

Liebert® FCM is an extremely flexible unit available in different layouts, making it an ideal system for the most diverse applications:







rt HPS With Liebert HPW

With Liebert HPF

With Liebert HPS

TECHNICAL DATA	FCM006
Electrical Power Supply [V DC]	48
Net Freecooling Capacity [kW]	5
Airflow [m³/h]	1,518
Power Input [kW]	0,034
Maximum Airflow [m³/h]	3,686
Maximum Unit Power Input [kW]	0,48
DIMENSIONS	
LxHxD [mm]	650x610x597
Weight [kg]	28
Type of Fans	EC

Liebert FCM - Installed Inside a Technological Room

BACKED BY THE INDUSTRY'S BEST SERVICE AND SUPPORT

- Fast and easy installation
- All components easily accessible from the front for simplified maintenance and service
- Service delivered by factory trained technicians
- 24/7 technical support.

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