

Quick Installation Guide

Before you begin:

- Make sure that Ethernet cables are run to the device.
- Consult your IT administrator and determine the following Vertiv™ Liebert® iCOM™ CMS network settings:

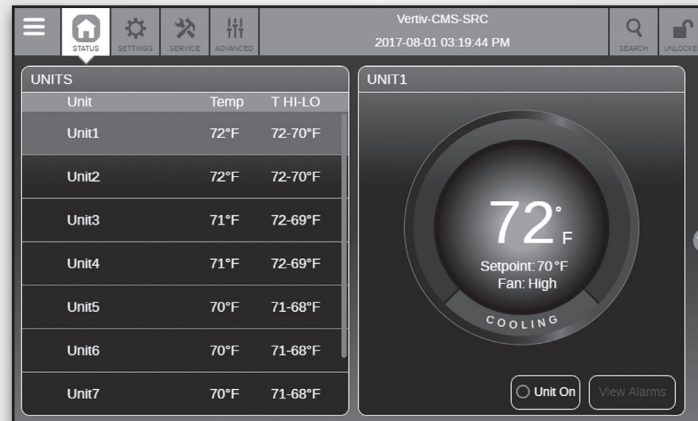
IP Address

Subnet Mask

Default Gateway

DNS Servers

Vertiv™ Liebert® iCOM™ CMS Status Screen



Mounting the device

Mount the Liebert® iCOM™ CMS enclosure (containing the iCOM CMS control board) according to the instructions included with the kit.

Connecting Gateway to the SRC Control Board

To communicate with a Liebert® SRC Mini-Split Cooling System, you must install a Modbus gateway that connects the control board in the SRC evaporator/indoor unit and the Liebert® iCOM™ CMS control board.

Once connected, the CMS control

board can support up to 8 additional SRC units, by connecting gateways to the units, and daisy-chaining the gateways together.

The Modbus gateway ships in its own box with the CMS kit. The Modbus gateway box includes the following:

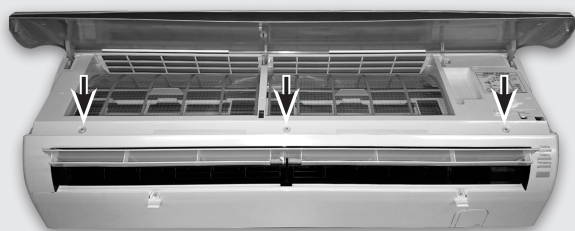
- Modbus gateway
- Black cable—to provide power and communication between the SRC board and the gateway.
- “Installation Manual V-Net”—instruction sheet to describe the connection between the SRC board and the gateway.

1. Removing the SRC shell

The SRC control board is located in the electrical section of the evaporator/indoor unit and can only be accessed once the shell is removed:

- Lift the top of the unit, locate the screws that secure the shell, and remove them (See the illustration below).
- Before removing the shell, locate the wiring to the LEDs on the front of the unit and disconnect them.
- Remove the top and bottom shell sections.

SRC shell removal



Screw locations

LED wiring





2. Accessing the SRC control board

Depending on the your unit model, accessing the control board differs.

If you have an SRC18, the control board is located beneath a panel in the electrical section on the right-hand side of the unit. Lift the panel to see the control board.

If you have an SRC24 or SRC36 model, you must remove a terminal strip before you can lift the panel over the control board. To remove the terminal-strip assembly, remove the single screw located beneath the label on the terminal strip.



3. Lifting the Control Board

Lift the control board straight up to access the CN-CC connection.

NOTE: *You do not need to fully unplug and remove the control board to make the connection, but because there is very little space in the electrical section, you may remove some plug connections from the board for easier access. The plug connections are color coded, so reconnecting to the original plug is simple.*

4. Connecting the boards

Using the black cable included in the modbus-gateway kit, connect:

- One end to the CN-CC plug connector on the SRC control

board.

- Other end to the CN-Out plug connector on the Modbus-gateway board.

5. Re-inserting the SRC control board

Reconnect any plugs removed from the board, return the board into the unit, and lower the electric-panel cover. If you have an SRC24 or SRC36 model, Reinstall the terminal strip.

Replace the top shell, reconnect the LED wires, replace the bottom shell and secure with the screws removed in step 1.

Connect Gateway to CMS Control Board

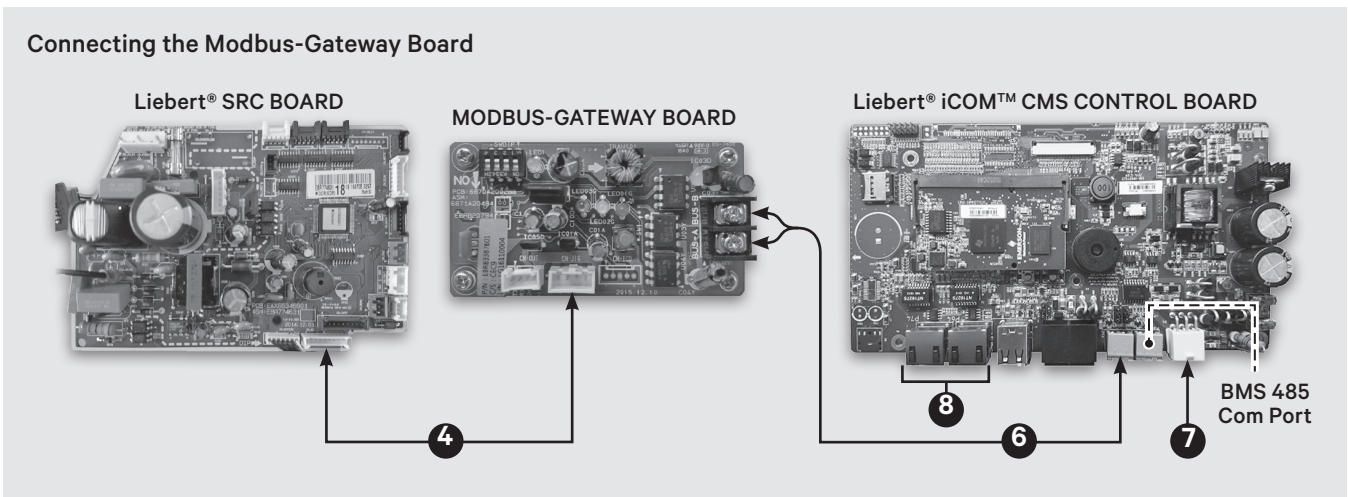
6. Connecting the communication cable

Inside the Liebert® iCOM™ CMS enclosure, connect the communication cable to the 485 port on the CMS control board (see the illustration on below).

On the Modbus-gateway board, connect the communication cable to Bus A and Bus B.

7. Connect the power cable

Inside the Liebert® iCOM™ CMS enclosure, connect the power cable to the 24-VAC port on the CMS control board.



8. Accessing the Web User Interface

Using a CAT5 Ethernet cable, connect a computer to the Ethernet port on the control board, and change the network settings on the computer to communicate with the control board as follows:

- Static IP address:
169.254.24.10
- Subnet mask: 255.255.0.0

NOTE: Only use the Google Chrome web browser to access the web UI.

On the computer, open the Google Chrome Web browser and enter the IP address of the control board in the address bar:

- Default IP address:
169.254.24.7
- Default subnet mask:
255.255.0.0

Log-in to the web UI using the advanced password: 2210.

9. Setting Managing Mode to SRC

- At the top of the Web UI, click the *Settings* button, then *iCOM-CMS*.
- In the Liebert® iCOM™ CMS Panel, click *Switch Mode*.

10. Enabling the connected SRC units

Up to 8 Modbus-gateways can be daisy-chained and communicate with a single CMS control board. You need to enable all of the connected units as follows:

- At the top of the Web UI, click the *Advanced* button. A list units and their status displays.
- Click the name of the unit to enable, then click *Enable* in the properties panel. Once

enabled, CMS starts communicating and displaying current readings from the SRC.

11. Registering iCOM CMS with the Admin Portal

The CMS control board must be registered to communicate data from connected SRCs to the mobile app.

On the web UI, click the menu button, select *Cloud Setup*, enter the corporate e-mail address provided by the customer in both fields of the register-device panel, and click *Register*.

NOTE: When registering the cooling unit, be sure to use the corporate e-mail address provided by the customer. This e-mail and its corresponding user will be defined as the designated administrator for the organization.

NOTE: The e-mail provided by the customer must be their company/corporate e-mail

REGISTER DEVICE FOR MOBILE APP ACCESS	
Property	Value
Serial Number	434d5300-07df-0414-002c-68c90b71caf5
Organization ID	NP-62d4e2d8-b7be-435d-b889-4781fab88cbb

address.

Once the unit is successfully registered, the registration code disappears, and an organization ID appears as shown below.

12. Configuring CMS Network Settings

On the web UI, click the menu button, and select *Connection Settings*, then select the Mode used for IP assignment:

- DHCP—automatically assigns the settings from the organi-

zation's network.

- Static—requires that you enter a dedicated IP address, subnet mask, default gateway, and DNS servers.
Enter the information provided by the IT administrator, and click *Save*.

Setting Up BMS

You have the option of enabling Modbus communication.

On the web UI, click the menu button, select *BMS Setup*, and select the communication type.

Once selected, the configuration settings are listed, including the option to choose read-only or read/write access for the BMS. Select the settings and click *Save*.

Downloading the Mobile App

The mobile app lets you view unit status and alarm information. Depending on your mobile device:

- For iOS devices, search the phrase “iCOM CMS” in the Apple store.
- For Android devices, search the phrase “iCOM CMS” in the Google Play store.

Log-in to the CMS mobile app using an approved e-mail address provided by the designated administrator via the Admin Portal.

Accessing the Administration Portal

NOTE: Once you successfully register the Liebert® iCOM™ CMS using the customer-provided company/corporate e-mail address, an e-mail with instructions regarding password set-up (used for accessing the Admin Portal) is sent to the registered e-mail address.

The Liebert® iCOM™ CMS Administration Portal manages mobile-app functions, which includes adding users who can access the mobile app and assigning units to users to view in the mobile app.

Open the Google Chrome Web browser and access **www.icomcms.com**, and log-in using the registered e-mail.

NOTE: Only use the Google Chrome web browser to access the Administration Portal.

To contact Vertiv Technical Support: visit www.Vertiv.com

© 2021 Vertiv Group Corp. All rights reserved. Vertiv™ and the Vertiv logo are trademarks or registered trademarks of Vertiv Group Corp. All other names and logos referred to are trade names, trademarks or registered trademarks of their respective owners. While every precaution has been taken to ensure accuracy and completeness here, Vertiv Group Corp. assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions. Specifications, rebates and other promotional offers are subject to change at Vertiv's sole discretion upon notice.

