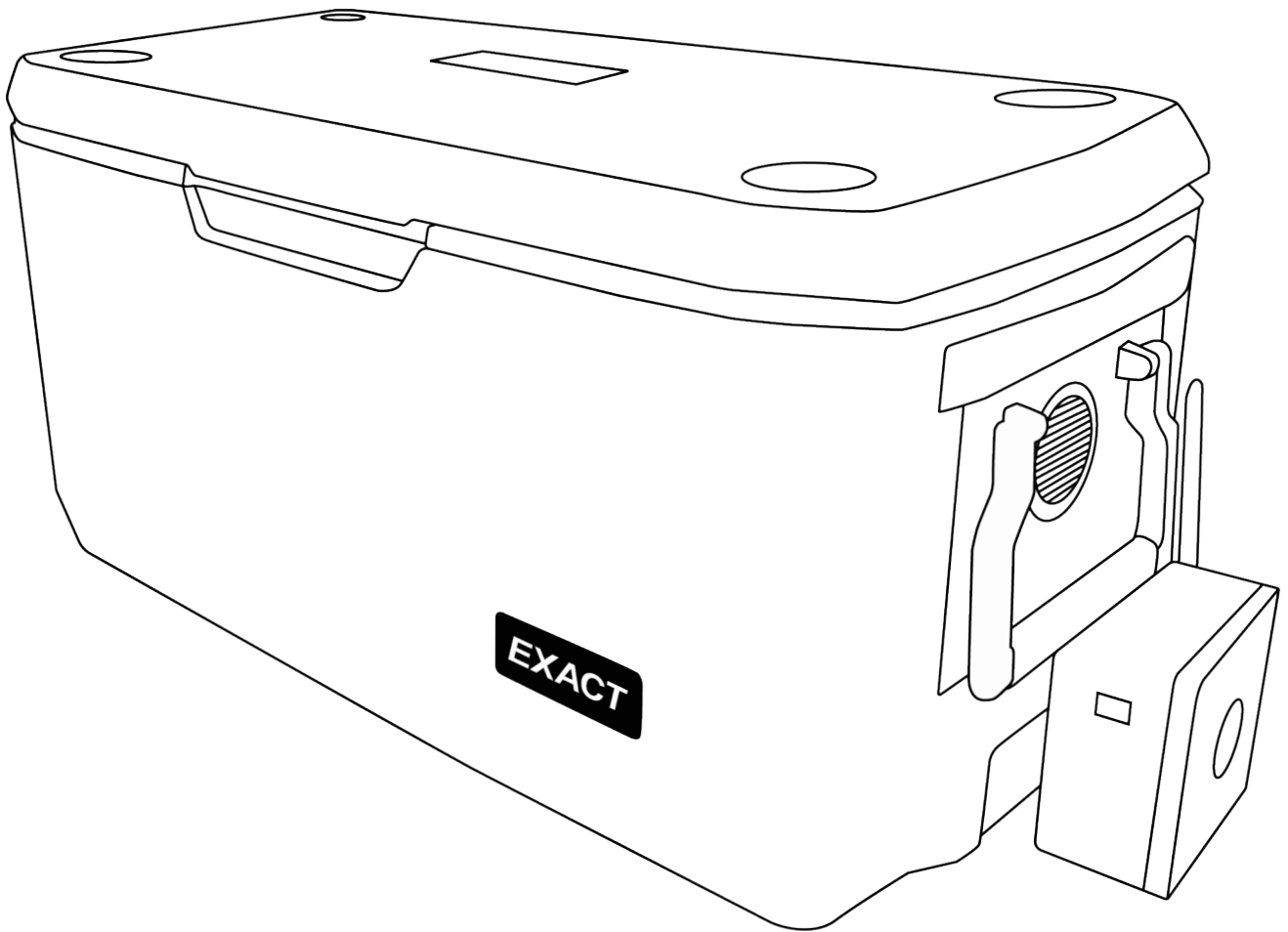


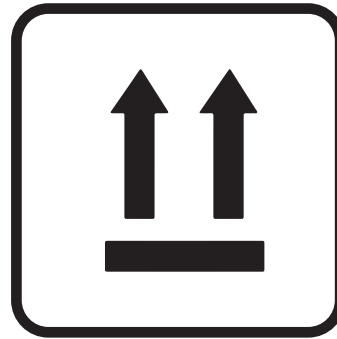
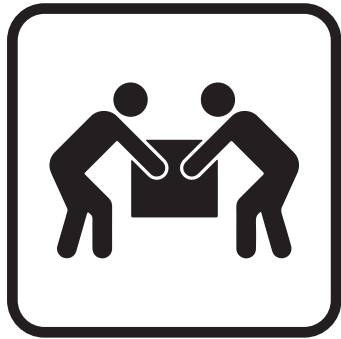
User Manual

EXACT MATCH 1



EXACT

WARNINGS



Team lift, weight over 40lbs.

Keep upright at all times.

Do not handle it using the lid.

Do not handle it by the control box.

CAUTIONS

Opening the lid during the operation of the device may cause changes in the test result.

Unplugging the power cord while the device is running may cause problems with the device.

Front view with lid open

Side view



A Heater & Fans: Change the temperature in the chamber.

B C1 & C2 input: C1 at the top, C2 at the bottom

Chamber: The temperature controlled chamber can hold fifteen 6"x12" cylinder molds

C Shelf: Acrylic shelf can support 15 cylinders and is water/corrosion resistant. Its small air holes allow for even air distribution.

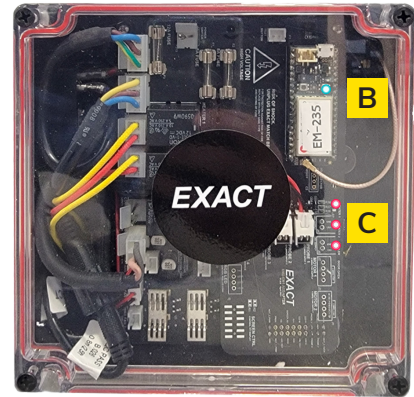
D Air Exhausting Vent

E Control Box: Contains all the electronic parts that control the machine behavior.

Top view



Control Box

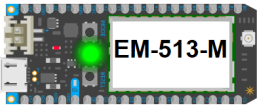


A **Product Tag:** Contains specific device number.

B **Modem Status LED:** Displays status of the EM's wireless functions. See "Modem Status LED" on page 5.

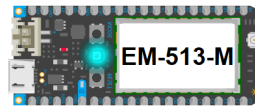
C **Heating LEDs:** Displays the status of the EM heating system. Green when heating, red when off.

Modem Status LED: Normal Conditions



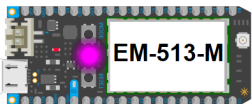
Blinking green

Searching for a cellular connection.



Breathing cyan

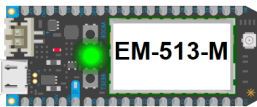
Connected and operating normally.



Blinking magenta

Receiving an OTA software update.

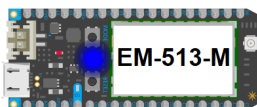
Modem Status LED: Error Conditions



Blinking green (persistent)

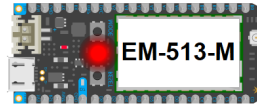
If after 3-5 minutes from power on the EM will still not connect, try restarting the EM by switching the power switch off, waiting 10 seconds, then turning it back on. Wait an additional 3-5 minutes.

If you have already tried restarting once, or if the EM is frequently reverting from a breathing cyan state to a blinking green state, there may be a signal quality or interference issue. Reach out to your EXACT contact to receive technical support.



Blinking blue

Blinking blue indicates a SIM or cellular issue. Reach out to your EXACT contact to receive technical support.



Blinking red (SOS)

Make sure you are not looking at the secondary red LED to the left of the status LED, this secondary red LED may blink or remain on during normal operation.

If you are able to see the Status LED clearly, please count the number of red blinks between each “SOS” pattern and reach out to your EXACT contact to receive technical support.

Setting up

- 1 Plug power cord into control box, and connect to 120V AC power.



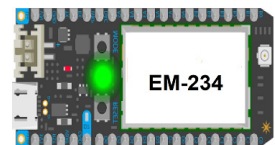
- 2 Flip the power switch on, located on the side of the control box.



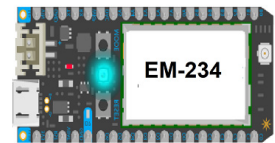
Bootup sequence

- 1 Once you turn the switch on the device should start and it follows the following sequence:

A) The EM1 must establish a cellular connection before any functionality becomes available. The modem LED will blink green while it establishes a cellular connection.



B) Once the EM1 is connected to a cell tower, then the modem status LED will “breath cyan”.



- 2 Once the EM1 is turned on you can also visually check that the fans are working fine (running continuously, no noise)

Note: Exhausting fan should not be working all the time.



Placement

- Ideal placement of the device for wireless communication is at least 1m / 3ft off the ground.
- Placement near metallic or large obstructions may negatively affect transmission distance.
- Leave at least 30cm distance between the unit and surrounding walls to allow for venting.

Handling

- Do not fill the EM1 with water or use it in wet environments.
 - Avoid dropping the EM1 to avoid damage to the internal components.
-

Technical Specifications

Environmental Operating Range	-20°C to 50°C (-4°F to 122°F)
Capacity	15 cylinders @ 4 x 8" (10.1 x 20.3 cm), 6 cylinders @ 6 x 12" (15.2 x 30.4 cm)
Curing Temperature	Ambient to 70°C (158°F)
Sensing Accuracy	±0.2°C (±0.4°F)
Average Matching Accuracy	±2°C (±4°F) typical
External Dimensions	37" long x 19.5" wide x 18.75" high (94 x 49.5 x 47.6 cm)
Internal Dimensions	26" long x 15" wide x 12.25" high (66 x 38.1 x 31.1 cm)
Weight	34 lbs (15.4 kg)

Contact **EXACT**
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