

Helmer Upright Freezer Set-Up Guide



For product registration and complete instructions, refer to current manuals available at info.helmerinc.com/manuals



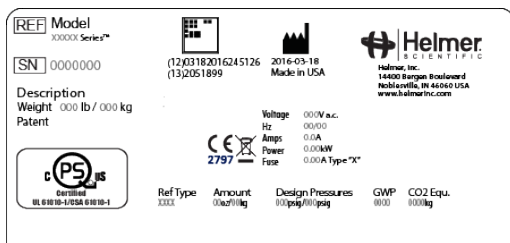
Location and Placement

WARNING

Keep all ventilation openings in the enclosure or, in the structure for building-in, clear of obstruction.

Note: Detach the shipping brackets from the freezer and shipping pallet prior to removing the freezer from the pallet.

- ◆ Meets specified limits for ambient temperature and relative humidity as stated in the Product Specifications section of the Instructions for Use manual.
- ◆ Has a minimum of 8" (203 mm) above and 3" (76 mm) of space behind the unit for proper ventilation, clearance and feature access.
- ◆ If packaged with modular cord, insert plug securely into the freezer power receptacle prior to connecting to a grounded outlet meeting electrical requirements stated on product specification label. (Helmer does not recommend operating this unit on a GFI/GFCI outlet.)
- ◆ Move freezer into place and lock casters.
- ◆ Ensure unit is level. Leveling feet are optional and available from Helmer.
- ◆ Models with shelves, cut and remove zip-ties securing shelves to shelf brackets.



Sample product specification label

Prepare Probe Bottle(s)


- 1 Add propylene glycol to bottle(s) and fill bottle with water (1:1 ratio of water to propylene glycol).
- 2 Tightly screw cap on probe bottle(s), place bottle(s) in holder(s), and insert probe(s).



Power Unit On

- 1 Confirm freezer is at room temperature.
- 2 Switch main power switch **ON** (located on rear electrical panel).
- 3 Turn battery switch **ON** or connect backup battery:
 - i.Series®** - switch is located on rear electrical panel.
 - Horizon Series™** - install 9 V backup battery on top of unit.
 - Optional Access Control** - battery key switch is located on rear electrical panel.
- 4 Connect chart recorder backup battery, if equipped.

Steps 5 and 6 apply to i.Series® models only

- 5 Select **Language** and press **Home** button to access the Home screen.
- 6 Touch the **Mute** button  to temporarily silence the alarm.


Configure Unit (if necessary)

- ◆ All Helmer freezers are preconfigured at Helmer and settings do not need to be changed.
- ◆ Improper adjustment to settings can cause unit failure.
- ◆ If factory default settings need to be adjusted, refer to manual(s) at info.helmerinc.com/manuals or contact Helmer Technical Service.

Access Control Setup

Applies only to units equipped with optional Access Control

i.Series® with Access Control only:

- 1 Touch the i.C³ Apps icon.
 - 2 Touch the Information Log icon.
 - 3 Touch the Access Log icon.
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- 4 Touch the Access Setup button. The numeric keypad is displayed.
 - 5 Enter the factory supervisor PIN then touch the Enter button. The numeric keypad closes and the Access Control Setup screen is displayed.
(Initial factory supervisor PIN = 5625)
 - 6 Follow on-screen prompts to set up users.

Horizon Series™ with Access Control

Refer to manual provided for setup instructions.

Product Loading Guidelines

Allow chamber temperature to stabilize at the setpoint before storing product. Helmer recommends a minimum 4 hours.

- 1 Never load freezer beyond capacity.
- 2 Always store items within shelves or drawers.
- 3 Temperature uniformity is maintained by air circulation, which could be impeded if unit is overfilled, particularly at the top or back. Ensure proper clearance is provided below the fan.

Note: Products stacked against back wall may obstruct air flow and affect performance of unit.



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