Helmer Pass-Thru Refrigerator
Set-Up Guide

Location and Placement

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

♦ Meets limits specified for ambient temperature (15 °C to 32 °C) and is clear of direct sunlight, high temperature sources, and HVAC vents.
♦ Has minimum of 8" (203 mm) of space above control side (non-clean room).
♦ Enclosure above clean room side of unit cannot extend more than 11" (280 mm) back from front of unit.
♦ If packaged with modular cord, insert plug securely into the refrigerator power receptacle prior to connecting to a grounded outlet meeting electrical requirements stated on product specification label.
♦ Move refrigerator into place and lock casters.
♦ Models with shelves, cut and remove zip-ties securing shelves to shelf brackets.

Sample product specification label

Install Pass-Thru Skirt

If included, install the skirt on non-control side (clean room) of refrigerator.

1 Hand-thread four (4) screws into bottom of refrigerator.
2 Slightly bend metal skirt outwards and slide skirt onto screws - slots in skirt should engage the screws.
3 Push skirt straight back until flush with cabinet.

Note: Skirts for 4-door units must be installed by handling one side at a time, or can be installed by two people working as a team.

Prepare Probe Bottle(s)

1 Add glycerin packet to bottle(s) and fill bottle with water.
2 Tightly screw cap(s) on probe bottle(s), place bottle(s) in holder(s), and insert probe(s).

Power Unit On

1 Confirm refrigerator is at room temperature.
2 Switch main power switch **ON** (located on top of unit).
3 Turn battery switch **ON** or connect backup battery:
   i.Series® - switch is located on top of unit.
   Horizon Series™ - install 9 V backup battery on top of unit.
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 refrigerators 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) accompanying this unit or contact Helmer Technical Service.

Product Loading Guidelines

Ensure temperature has stabilized prior to loading product. *(Minimum 4 hours)*

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

Note: Products stacked against doors or walls may obstruct air flow and affect performance of unit.