

# **COMMERCIAL REFRIGERATOR AND FREEZER**

## ***USER'S MANUAL***

### **GLASS DOOR MERCHANDISERS**

Model: NPGR1-S, NPGR1-SB, NPGR1-S9B,  
NPGR2-SB, NPGR2-S, NPGR2, NPGR2-B,  
NPGR3-S, NPGR3-SB, NPGR1F, NPGF1-S, NPGF2-S,  
NPGF3-S, NPGF1-S13, NPGF1-S13B, NPGF1-SB,  
NPGF2-SB, NPGF2-S45, NPGF2-S45B, NPGR2-S45,  
NPGR2-S45B, NPGF3-SB

***PLEASE READ THE MANUAL THOROUGHLY PRIOR TO  
EQUIPMENT SET-UP, OPERATION AND MAINTENANCE.***

## INSTALLATION

- The refrigeration system operates most efficiently when installed in an area with cool, dry air circulation.
- There must be at least 6 inches of clearance on both sides and the back of the cabinet.
- Select a location away from the heat and moisture generating equipment such as stoves, ovens, etc.
- Avoid direct sun rays.
- Be sure that the floor where you intend to install the unit is strong and level enough to support the total weight of the unit and its contents.
- To minimize shock and fire hazards, be sure that the unit is properly grounded. For your safety and protection, all units are equipped with a special three-prong grounding plug on the service cord.
- All units are designed for indoor use. Outdoor use may cause significant damage to the unit.

## PRECAUTIONS

- To minimize shock and fire hazards, be sure not to overload the outlet.
- To minimize electric shock and malfunction, do not spray the unit with water.
- To minimize fire hazards, do not use flammable spray products near the unit.
- After unplugging the unit, wait at least 6 minutes before re-plugging it. It may cause compressor failure if plugged in before 6 minutes waiting period.
- Cautions for cleaning:
  - \* Unplug the power cord before cleaning.
  - \* Do not unplug/plug the power cord with wet hands.
  - \* Do not use an abrasive cleaners, solvents or polishing agents on plastic parts. Doing so might cause cracking or discoloring.
- When it is not in use:
  - \* Unplug the power cord.
  - \* Wipe inside with dry cloth, and you may leave the door slightly open to eliminate moisture and odor.

## OPERATION/MAINTENANCE

- When loading the unit:
  - \* Be careful not to block the air duct located at the back and the fan on the ceiling of the unit with contents.
  - \* Blocking the air flow may cause decrease in performance.
  - \* For the best performance, maintain at least 4 inches of clearance between the contents and the air duct.
- Set the shelves that comes with the unit to fit your needs.
- Temperature controller:
  - \* The controller is located at the right, front corner of the ceiling.
  - \* Temperature is set as "4" at default.
- Do not leave the unit door open for long period of time. For the most efficient operation, close the door immediately after the use.

## TROUBLE SHOOTING GUIDE

SYMPTOMS	REMEDY
COMPRESSORS WILL NOT START	<ul style="list-style-type: none"><li>▲ Check if the power cord has been plugged in.</li><li>▲ Check for blown fuse.</li></ul>
POOR PERFORMANCE	<ul style="list-style-type: none"><li>▲ Move the unit from direct sun light, and avoid installing heating devices near the unit.</li><li>▲ Install the unit in a well ventilated place with minimum of 6" clearance in the back.</li><li>▲ Check the condenser, and clean if heavy dust is collected.</li><li>▲ Check to see if contents are blocking the air duct.</li><li>▲ Check the temperature controller for possible incorrect temperature setting.</li><li>▲ Check to see if refrigerant charge is low.</li><li>▲ Make sure the door is completely closed.</li></ul>
NOT INTERIOR LIGHT	<ul style="list-style-type: none"><li>▲ Turn off the light switch and turn it on again.</li><li>▲ Make sure the bulb is correctly inserted into the sockets.</li><li>▲ Check the bulb, and replace it if blown.</li></ul>
UNIT NOISY	<ul style="list-style-type: none"><li>▲ Make sure to install the unit on level surface.</li><li>▲ Make sure to maintain the minimum clearance of 6" from the wall.</li><li>▲ Check for the loose parts or mounting.</li><li>▲ Make sure the tubing is free from any contact to avoid tubing rattle.</li></ul>
CONDENSATION ON CABINET AND/OR FLOOR	<ul style="list-style-type: none"><li>▲ Reduce the relative humidity in the area where the unit is installed.</li><li>▲ Gasket on door or head section is not sealing properly. Repair or replace gasket as necessary.</li></ul>