

ASTOR

PRODUITS EN ACIER INOXIDABLES INC. • ASTOR STAINLESS STEEL PRODUCTS INC.

INSTALLATION INSTRUCTIONS AND MAINTENANCE MANUAL FOR *FERRARA DISPLAY SYSTEMS*

For Models: FERR-SA and FERR-GG

ATTENTION

IF THE INFORMATION CONTAINED IN THIS MANUAL IS NOT FOLLOWED EXACTLY, WARRANTY WILL BECOME NULL AND VOID.

- THE INSTALLATION AND CONNECTION MUST COMPLY WITH LOCAL CODES
- INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER AND SERVICE AGENCY.

RETAIN THIS MANUAL FOR FUTURE REFERENCE

RATING PLATE:

UNIT RATING PLATE INCLUDING SERIAL NUMBER, MODEL NUMBER, REFRIGERATION AND ELECTRICAL INFORMATION AND APPROVAL LABELS ARE LOCATED ON THE BOTTOM LEFT PANEL ON THE WORKING SIDE OF THE UNIT.

GENERAL INFORMATION:

1. Damage check: Check crate for possible damage incurred during shipping. After uncrating, check for “concealed” damage. Report any damage immediately to your carrier.
2. The correct voltage/amperage/phase are indicated on the **rating plate**
3. Once the unit has been installed, verify that the temperature indicator displays the correct food requirement temperature prior to use with food.
4. This unit includes a built-in evaporator pan and does not require any drain connection for drainage of water from condensation water created by the evaporator fan during defrost cycle.
5. Digital temperature indicator also controls the temperature range of operation and defrost cycle and has been factory set for optimum performance.
6. There is no installation clearances required unless otherwise indicated in the **General Installation** section of this manual.

GENERAL INSTALLATION

1. If crated, carefully remove unit from the crate. The white protective adhesive material covering the stainless steel should be removed after the unit has been installed.
2. Place the unit in its location ensuring that the ventilation grills for the compressor in front just below the front curved glass **A** and in the back of the unit **B** are not obstructed in any way.
3. Leveling the unit is achieved by adjusting the bullet feet located at bottom 4 corners of the unit **C**.
4. Ensure that the Plexiglas stopper **D** in the display area of the unit are installed properly to prevent any restriction of the air return vents **E**.
5. Connect power supply with the power cord supplied with the unit to 120V outlet. The power cord is located on the bottom left working side of the unit **F**.
6. The digital temperature display **G** is factory preset to operate the refrigerated display between 34F-39F. A defrost setting for 5 minutes every 2 hours has been factory preset and will be indicated displaying **df** on the digital display during the defrost cycle.
7. Ensure that the cold air supply vent **N** in the Ferrara Grab-N-Go case is not obstructed in any way and that there is a minimum of 3" between the supply vent and any displayed items.
8. Ensure that the front compressor vent grill **O** on the Ferrara Grab-N-Go case is not obstructed and that there should be a minimum clearance of 6".

MAINTENANCE AND CARE

1. We recommend that the customer sign a Preventative Maintenance contract with an local authorized refrigeration company for periodical inspection to ensure proper care of the refrigeration system and to be maintained, inspected and cleaned as often as the refrigeration company suggests it should be, based on use and dust accumulation on the condenser on the condensing unit.
2. **Condensing unit cleaning:** On a weekly basis or as needed remove stainless steel ventilation grill **B** by lifting up and pulling out from the bottom, carefully inspect the condenser fins for any dust accumulation on the surface and between the fins. Remove dust by using a vacuum or by using compressed air to blow it out. We do not recommend that it get brushed off since the dust could be pushed into and between the fins and restricting the airflow. Also wash the removable stainless steel ventilation grill **B**.
3. **Evaporator fan and basin cleaning:** On a monthly basis or as needed lift front glass **H**, second, remove interior Plexiglas stoppers **D**, third, lift and remove stainless steel panels **I** on the interior base of the display exposing the evaporator fan **J**. Clean basin **K** from any food products that may have fallen into the basin. Clean fan blade cover **L** on evaporator coil. Ensure that the drain **M** is unobstructed with any debris that may have fallen in.
4. **Cleaning exterior and interior of unit:** Normal soil on stainless steel can be removed by using a liquid detergent soap and a damp cloth and should be wiped off in the direction of the grain in the stainless steel, NEVER RUB IN A CIRCULAR MOTION. Curved front glass can be cleaned with regular glass cleaning products. The Plexiglas doors and side panels can be cleaned with a regular glass cleaning product and only with a lint free cloth to avoid scratch marks. The sani-clean cutting board should be removed and washed using a liquid soap and an abrasive pad.

Fulfilling these maintenance requirements will ensure an excellent running condition of your Astor Ferrara display and diminish service repair costs in the long term.

ELECTRONIC DISPLAY AND CONTROLLER

1. To display the temperature in Celsius or Fahrenheit press the **up** & **down** keys at the same time until the display reads **CO**. Press the up key until the display reads **P7** then press the **set** key. The display will either show current setting, **0** for Celsius or **2** for Fahrenheit. To change the current setting, press the **up** key to choose from 0 or 2. Once chosen, press the **set** key and after approximately 5 seconds the display will return to its normal operation of displaying temperature.

The refrigerated display unit has been factory tested and all control settings have been factory preset for optimum performance. Please refer to attached operating instructions of electronic control for any adjustments that may be required to be done by an authorized refrigeration contractor only. Astor recommends that the control not be tampered with and that all parameters remain at there current settings. Astor must be notified prior to any adjustments to the parameters during warranty period to maintain warranty on the equipment.

Preset Factory Parameters: C0-(0), C1-(2), C2-(99), C3-(-50), C4-(1), C5-(2), C7-(10), C8-(5), D0-(2), D1-(5), D2-(2), D3-(5), L5-(0), L6-(0), P0-(0), P1-(0), P2-(0), P3-(0), P5-(0), P7-(0 for Celsius or 2 for Fahrenheit), EP-(exit programming).

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