
OPERATING INSTRUCTIONS

Initial Start-Up

After all the checks outlined in the installation section of this manual have been made, the case is ready to be put into service. On self-contained models, the service valves on the refrigeration system are back-seated when the unit leaves the factory.

RSSM cases are designed to operate at 40° to 41° F. under ambient conditions not to exceed 75° F. and 55% relative humidity.

Nearly all open refrigerated merchandisers operate better when loaded with product than when empty. If a check is made of the case operating temperatures, perform this check with product in the case.

Open refrigerated merchandisers are not intended as storage refrigerators and will not "pull down" room temperature products efficiently. Load case interior with pre-chilled product only.

Lights

The light switch is located on the top light housing, under the curved canopy. This switch operates the light only. If optional shelf lights are installed, they are also controlled by this switch.

Light Replacement

The light fixtures use a spring-loaded socket on one end. To remove a light, push the bulb toward the spring-loaded socket until the opposite end drops out of the socket.

The bulbs are furnished with plastic safety light shields. Make certain the light shields are always in place to safeguard against bulb breakage.

When replacing lights, use direct equivalents to the original bulbs.

Defrost Timer

A solid-state timer is included with self-contained models. The timer will initiate a 20 minute defrost if the compressor runs for two (2) hours continuously without turning off. This timer is not adjustable. It is located in the machine compartment at the base of the unit.

Placing Product In Case

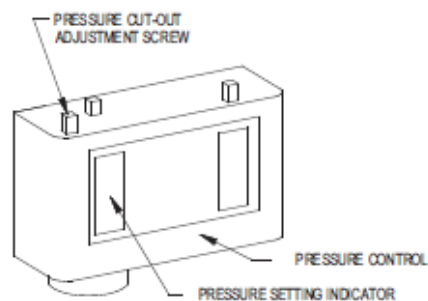
Do not overload the case with product to a point where the top air discharge grill or the bottom air intake grill are blocked, or where the air curtain created by the discharge air is blocked.

LOAD CASE INTERIOR WITH PRE-CHILLED PRODUCT ONLY.

Temperature Control (Self-Contained Models Only)

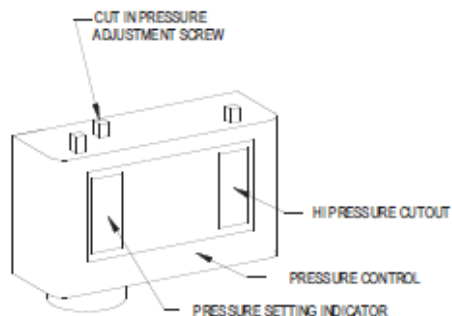
This device is a dual pressure control located on the left side of the base. The low pressure control portion of the device controls the temperature of the case. The low pressure control is factory set to cut in (turn compressor on) at 82 PSIG and cut out (turn compressor off) at 42 PSIG (45 PSIG on RSSM678 only). This setting will give an operating temperature of 40° to 41°F.

If a warmer or colder temperature is desired, have a service technician change the pressure differential setting. After each minor adjustment allow the case to run at least four hours before making further adjustments.



The high pressure control portion of this device is factory set at 385 PSIG. This is a safety device and is not adjustable.

Under normal conditions, the evaporator coil will clear itself of frost during the off cycles. If the unit cycles but does not clear itself of frost during the off cycle, the cut in pressure should be raised to allow more time for frost to clear. Turn the cut in pressure adjustment screw counter clockwise to lower cut in pressure. Do not adjust more than 1/2 turn at a time and allow the unit to run for four (4) hours minimum before making further adjustments.

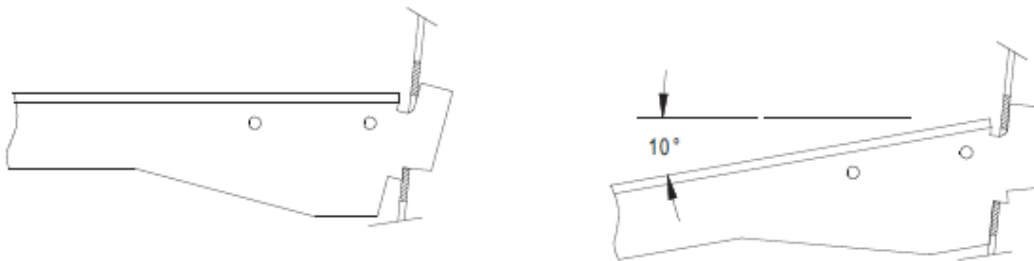


Shelves

The RSSM has 15" solid metal shelves as standard. These shelves are installed at the factory.

The shelves are adjustable in 1-5/8" increments. To adjust the shelves, first remove the shelf from the shelf brackets. Remove the shelf bracket from the shelf standard and reposition as desired. If optional shelf lights are installed, it will be necessary to unplug the shelf light cord before repositioning the shelf brackets.

The shelves can be installed horizontally or slanted at a 10° downward angle. To change the shelf slant, first remove the shelf from the shelf support. Lift the shelf supports up at the back until the brackets can be repositioned in the shelf standard slots. See diagram below



CAUTION:



Do not place more than 100 lbs. of product on a RSSM460 or RSSM478 shelf.

Do not place more than 80 lbs. of product on a RSSM360, RSSM660 or RSSM678 shelf.

Damage to the shelf standard may occur if the shelf is overloaded.

Periodic Maintenance

Cleaning Condenser Coil

Disconnect power to the unit.

Remove the front grill and vacuum the front surface of the condenser coil. This should be done every one or two months as necessary.

Cleaning Case Interior

Turn light switch off.

Clean interior surfaces with mild detergent and water. Do not use abrasive cleaners on case interior.