



Turn to the Experts™

Fresh-Air Exchange



Carrier includes standard Fresh Air Exchange by an upper access panel on every NT unit to meet perishable cargo fresh air exchange needs. In addition to the standard panel, there are a number of options available to better tailor the fresh air exchange feature to the specific demands of the operation or trade. All options are compliant with the ATO fresh-air exchange requirement, which calls for an exchange rate of 2.6m³/hr/m³ of internal volume.

Lower Fresh Air

A Lower Fresh Air option can be selected that would replace the standard Upper Fresh Air panel. With this option, a fresh air slide is provided on the left side of the face of the unit to control air inlet and outlets. The air inlet is drawn in through duct work that is routed through the frame and up to the evaporator fan deck. Air outlet is provided through a scoop that is in the air stream below the evaporator coil. An optional micro air exchange is available that can limit air flow exchange from 0-75cmh should more precision be desired or power consumption concerns arise.

Medfly Screen

A screen option is available should trade lanes dictate that air exchange openings must comply with USDA medfly quarantine requirements. Mesh size is 16x16, which meets the USDA, quarantine requirements of California.

Fresh Air Vent Position Sensing

Fresh air vent position sensing and recording is available for both the Upper and Lower Fresh Air makeup systems. Vent position is recorded once per day and anytime a change to the vent is sensed. Any time a change is detected, the MicroLink display will automatically display the actual vent position to make the vent position setting process easy. An alarm is provided should the vent be sensed open when a frozen temperature setpoint has been entered to eliminate the potential for the vent to be open under such conditions.

