

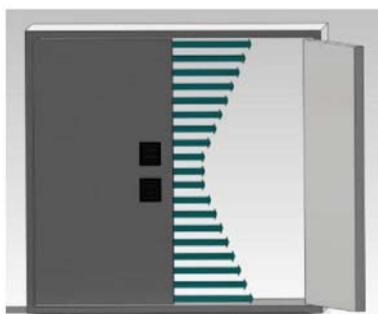
UNIJECT'AIR FOR REAR DOOR-PANEL ASSEMBLY

Characteristics

Uniject'air is a patented modular door concept for cold storage which offers users and manufacturers the best possible solutions for their delivery needs. Uniject'air makes the work of delivery personnel easier by limiting the risks associated with door opening operations: easy opening, no need for plastic drapes, no obstructions. Uniject'air reduces refrigeration loss during door opening periods, ensuring continuity of the cold chain for fresh and frozen produce in hot periods. The model shown above diffuses horizontal air flows of various speeds from either side of the opening to optimize comfort for delivery personnel and save on energy consumption.

24V ventilators built in to the panels and activated when door opens

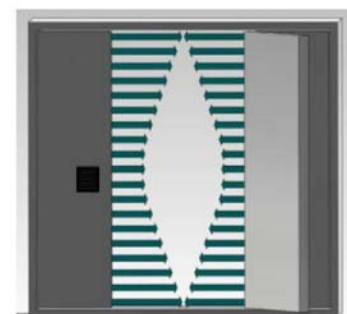
Variants



Left door module



Pavilion module



3-leaf module

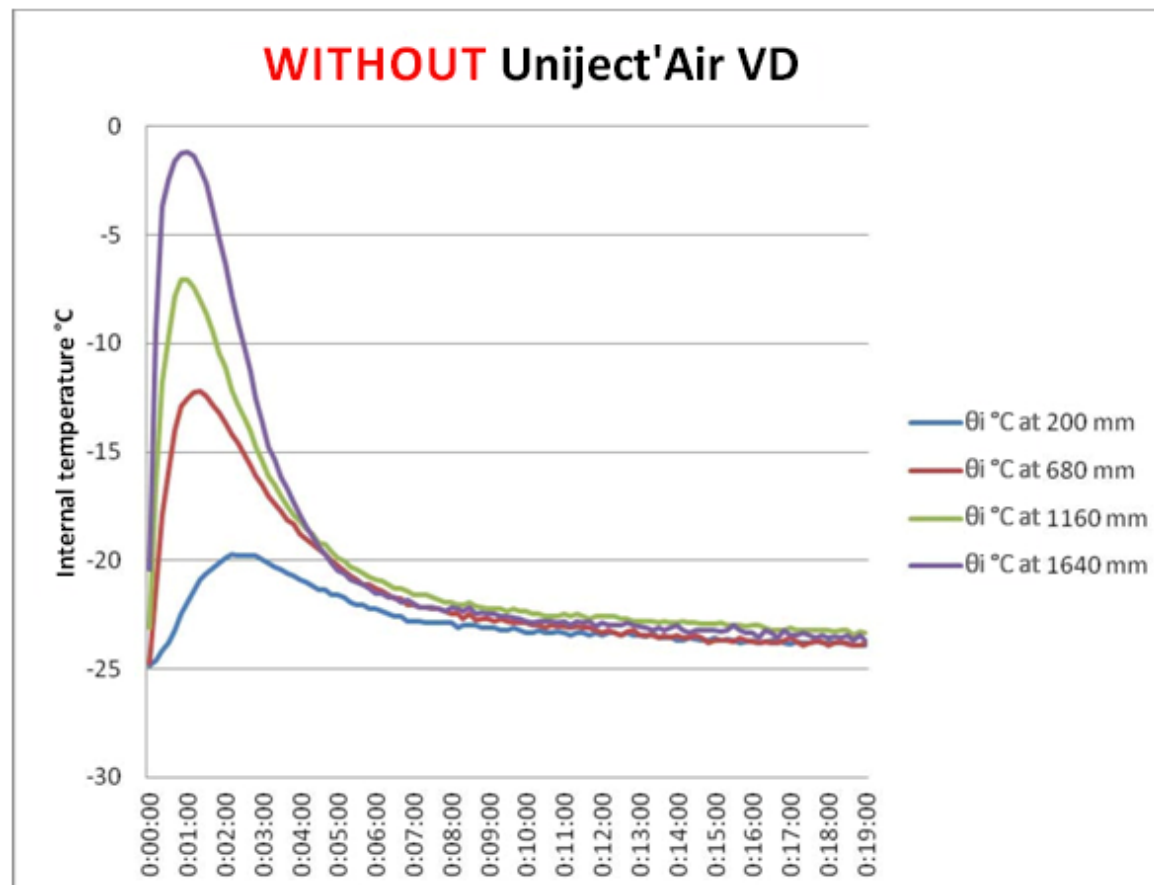
3-leaf, side frame, compartment, cold room, container etc.

Features

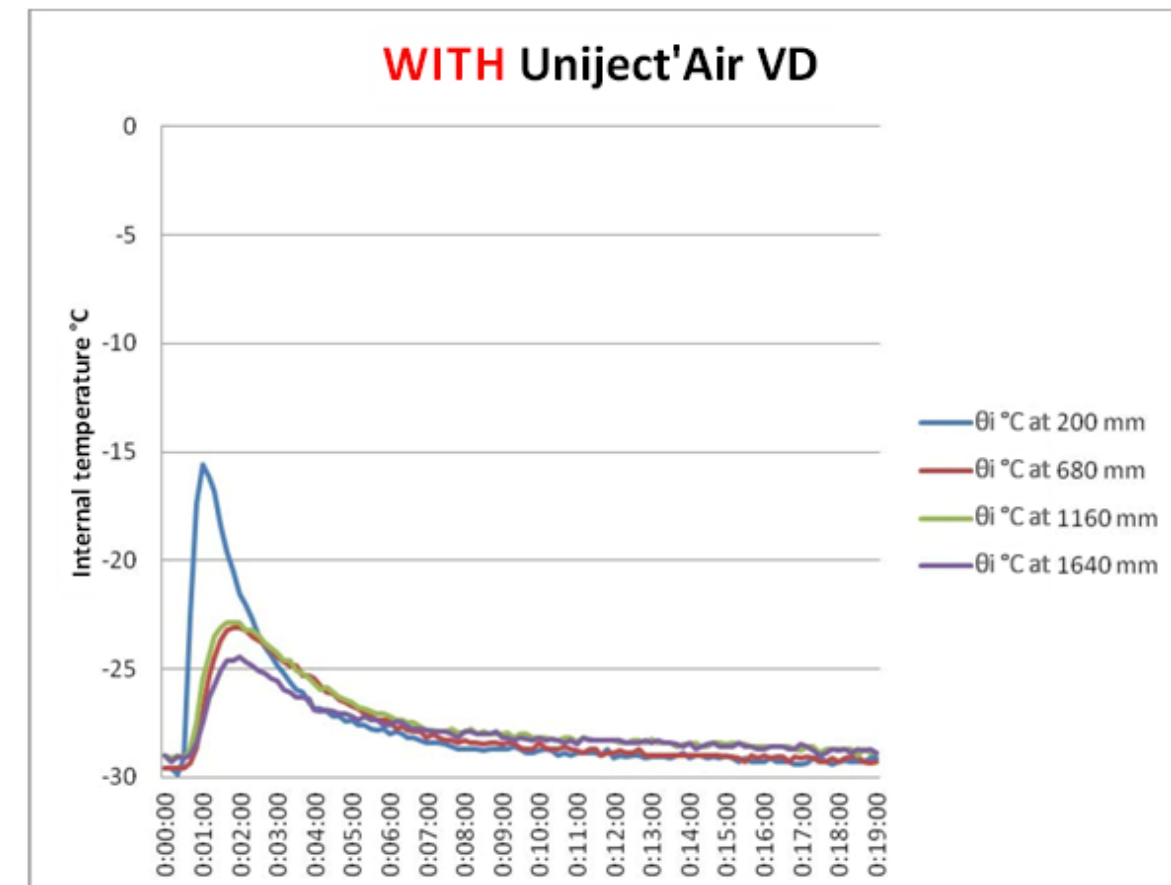
- Snap-shut handle.
- Door contact for ventilator shut-off.
- Automatic door stop.

TEST RESULTS ON EUTECTIC SYSTEMS

Exterior at 25.8 °C /56 % RH, or 11.6 g H₂O/kg dry air
Door opening duration: 20 seconds



Exterior / interior temperature excursion: 50 K
Rise θ Max 23.0 K - mean 14.6 K - Losses 100%



Exterior / interior temperature excursion: 56 K
Rise θ Max 14.0 K - mean 7.8 K - Losses 48%