



Turn to the Experts.™

eAutoFresh™



eAutoFresh™ on-demand ventilation option: Enhanced reliability, cost savings and convenience for high-respiring, perishable cargoes.

For produce shippers, Carrier offers the eAutoFresh™ Fresh-Air Exchange system with on-demand ventilation. The eAutoFresh option provides an energy-saving alternative to the practice of continuously venting refrigerated containers. It can *also* increase shelf life and enable longer cargo routes for certain high-respiring, perishable commodities. Carrier Transicold's eAutoFresh system utilizes a CO₂ sensor to monitor and optimize internal atmospheric composition, enabling faster temperature pulldown while lowering refrigeration unit energy consumption.

Air vents only open when the software-controlled sensors indicate a need—eliminating less accurate, manual fresh-air vent settings. The electronic control enables the cargo atmosphere to remain at a desired balance, drawing in just the right amount of O₂ and exhausting CO₂. Driven by a precise and reliable stepper motor, eAutoFresh ensures fresh air exchange that's automatic and convenient.

SUPERIOR customer satisfaction

- Enables faster temperature pulldown and lower power consumption.
- Provides upgrade capability to provisioned units in existing fleets.

SUPERIOR product protection

- Enhances cargo quality by preserving shelf life of respiring loads.
- CO₂ sensors monitor internal atmospheric composition to keep cargo fresh. Vent settings can be optimized for individual commodities.

SUPERIOR flexibility and convenience

- Transferable between container units. Can be field-installed on Carrier MicroLink™ ML2i and ML3 controllers that are provisioned.
- Allows product respiration to generate CO₂ to a pre-determined atmospheric level.
- Automatically adjusts vents to meet atmospheric set points.

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On-Demand Ventilation and Controlled Atmosphere Options – Both Available from Carrier

Carrier offers both On-Demand Ventilation and Controlled Atmosphere (CA) options to customers with its eAutoFresh™ and EverFresh™ products, respectively. Below is a comparison of each type of system.

eAutoFresh On-Demand Ventilation

EverFresh Controlled-Atmosphere

Contrasting Capabilities

The new fresh-air exchange system is limited to perishables where the optimal combined CO₂ and O₂ range is 21%.

- Asparagus
- Blackberry
- Blueberry
- Cantaloupe
- Cherry
- Durian
- Fig
- Grapefruit
- Lemon
- Lime
- Sweet Corn

The eAutoFresh system may also be applied to Hass and Fuerte avocados if shipping durations are less than three weeks. Consult with your Carrier representative for details.

Applications for Carrier's industry-leading controlled-atmosphere solution include all eAutoFresh commodities, *plus:*

- | | |
|------------------|-------------|
| Apple | Mango |
| Apricot | Olive |
| Artichoke | Papaya |
| Avocado | Peach |
| Banana | Nectarine |
| Bean, snap | Pear |
| Broccoli | Pineapple |
| Cabbage | Plum |
| Cherimoya | Pomegranate |
| Cranberry | Rambutan |
| Grape | Raspberry |
| Kaki (Persimmon) | Strawberry |
| Kiwifruit | Sweetsop |
| Lychee | Tomato |

