

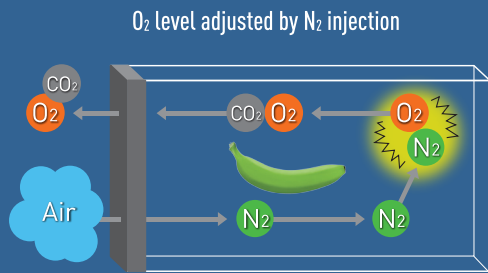


# Rest easy, with cargo care from Daikin Active CA

## DAIKIN Active CA

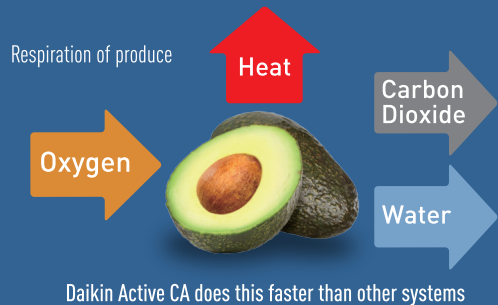
### Active CA leads market expansion

Unlike passive systems that rely on the cargo's respiration, Daikin Active CA injects N<sub>2</sub> rich gas into the container, which "actively" reduces the O<sub>2</sub> concentration and manages the CO<sub>2</sub> to its optimum level of the container atmosphere.



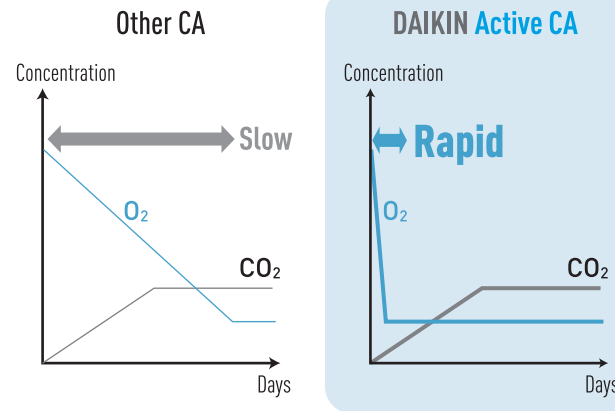
### Controlled Atmosphere

- Perishable cargoes respire, which accelerates produce maturity and shortens storage life
- To reduce respiration, the Oxygen content must be reduced



## NEW CARGO, NEW ROUTES

### Fast reduction to 5% O<sub>2</sub> level



### Expanded cargo range

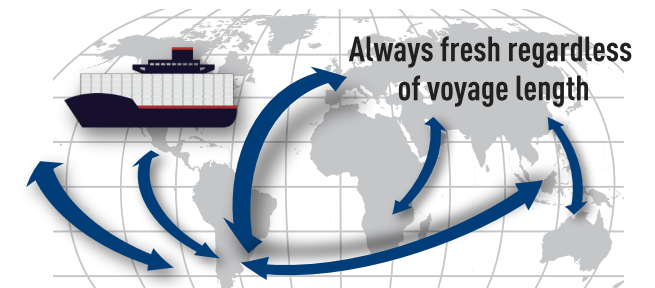
From high respiring avocados and bananas to low respiring leafy vegetables, deliver them as if they were just picked, to your desired destination.



## HIGH QUALITY, HIGH VALUE

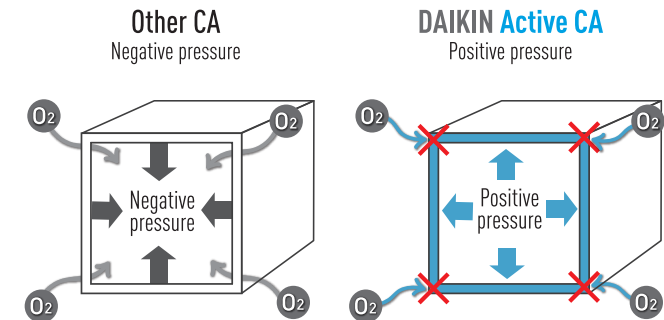
### Humidity maintenance

- Maintains high moisture content for better quality
- Higher fruit weight at destination



### Sustaining positive pressure

- Blocks ambient air ingress
- Ensures optimal CA and temperature control



Extend CA application due to higher air leakage tolerance

## EXPAND YOUR CHOICES WITH DAIKIN ACTIVE CA



ZESTIA SERIES



LXE SERIES

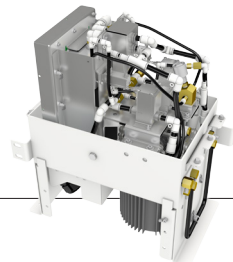
### Sensor Box

- O<sub>2</sub> sensor
- CO<sub>2</sub> sensor



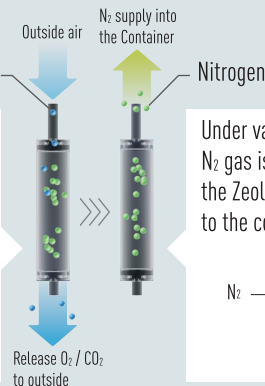
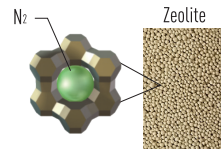
### Air Pump Ass'y

- Air pump
- Air pump motor
- Control valves
- Adsorption cylinder
- Print circuit board

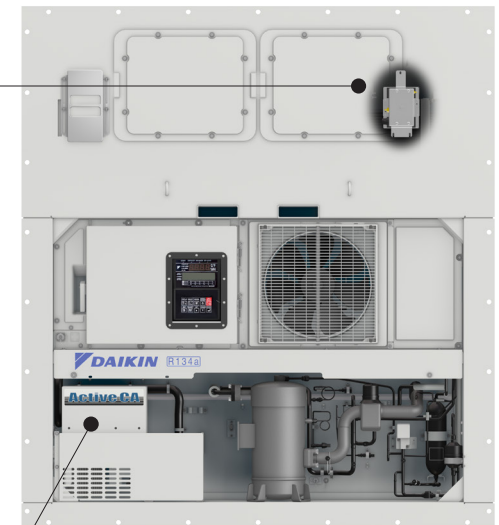
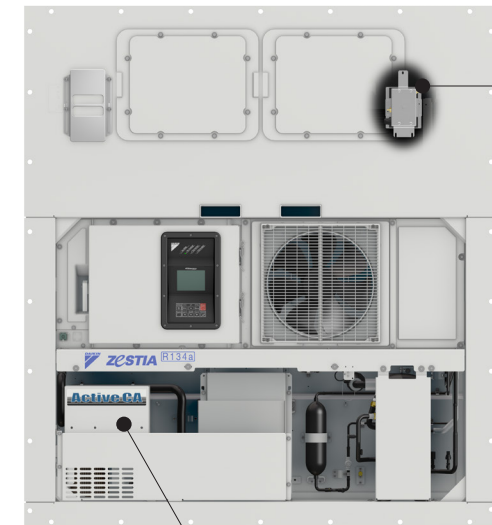
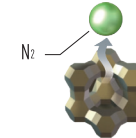


### Adsorption Cylinder

Zeolite Adsorbs N<sub>2</sub> gas under pressurized conditions. O<sub>2</sub> and CO<sub>2</sub> are released



Under vacuum conditions, N<sub>2</sub> gas is released from the Zeolite and charged to the container



### DAIKIN INDUSTRIES, LTD.

Head Office: Umeda Center Bldg., 2-4-12, Nakazaki-Nishi, Kita-ku, Osaka, 530-8323 Japan  
 Tokyo Office: JR Shinagawa East Bldg., 2-18-1, Konan, Minato-ku, Tokyo, 108-0075 Japan  
 Rotterdam Office: Fascinatio Boulevard 562 2909 VA Capelle aan den IJssel, The Netherlands

<http://www.daikinreefer.com>

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