

# Frost-free Series

More efficient and energy-saving



Frost-free Lunch Case



Frost-free Walk-in Freezer



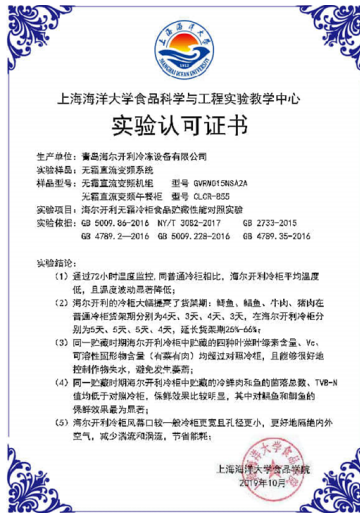
1.5-4HP  
Rotary Compressor  
Single Compressor  
Single Fan



6-10HP  
Rotary Compressor  
Single Compressor  
Dual Fans



Frost-free Crown Case



Accredited by a third party testing laboratory at Shanghai Ocean University



Won the Golden Wings Award at 2019 Chinashop

Application of the frost-free inverter technology in Lawson Shanghai (Lianhang Road)

Won 2021's Golden Wings Lists run by Chinashop in recognition of its best practices

Energy-saving applications of frost-free solution 2.0 of Haier Carrier in convenience stores



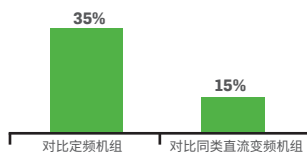
## Ensure food quality

- Reduce cargo damage
- Extend shelf-life
- Improve food freshness



## Less noise

- Flexibility in site selection
- Ensure the continuity of operations



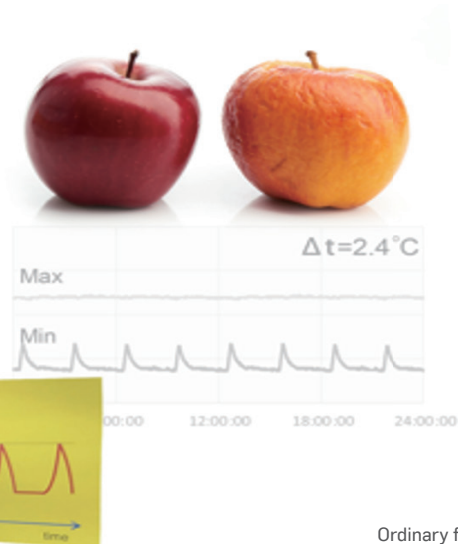
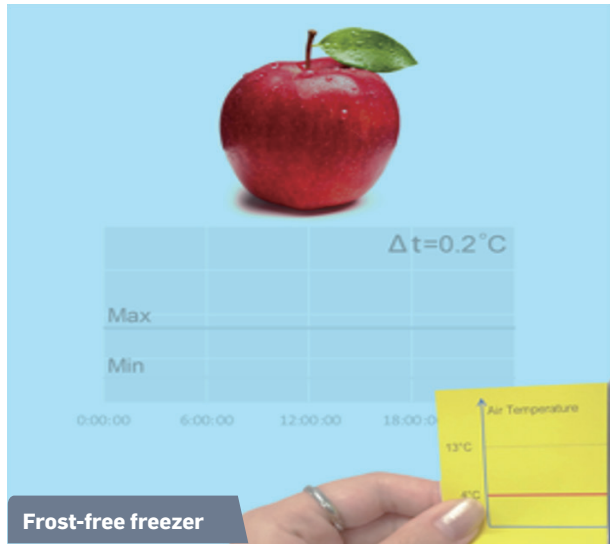
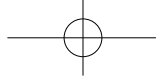
## More energy efficient

- Lower the electric bill
- Rapid return

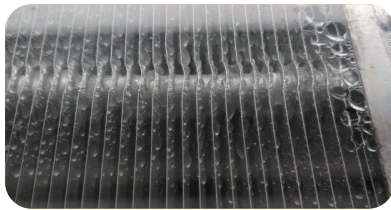


## Digitalization

- Operations management of multiple stores
- Asset health and asset returns

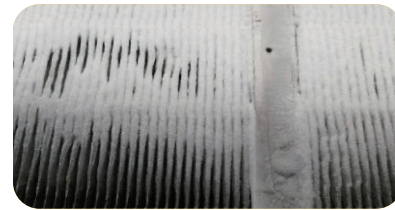


Temperature fluctuation range: Volatility = 0.2°, excellent fresh-keeping ability



There are only water drops on the evaporator, without need for defrosting.

Temperature fluctuation range: Volatility = 2-3°, bad for fresh keeping



There is frost on the evaporator, blocking the airflow and requiring defrosting.

### Product Benefits



15% longer shelf life\*  
Stable storage temperature  
Reduce cargo damage(±0.2)



Slow down the nutrition loss by 30%



55% more energy-efficient (compared with common fixed-frequency cabinets)\*\*



Inverter compressor  
- more energy-efficient operation, lower noise



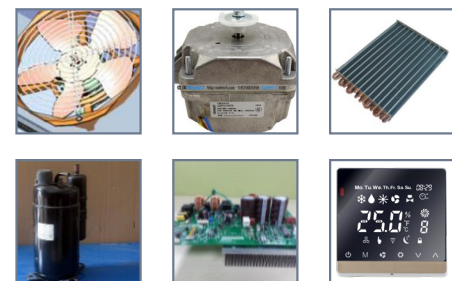
Revolutionary innovation in patented design

\* The above data are obtained from the results of a controlled trial of Haier Carrier frost-free cabinets on food storage published by the College of Food Science and Technology of Shanghai Ocean University.

\*\* All these test values are based on the test results of Carrier cabinets.

### Benefits at a Glance

- No need to defrost, more stable storage temperature is (± 0.2)to reduce cargo damages.
- More efficient and energy-saving, reducing operating costs.
- Patent design, revolutionary innovation
- Cabinet cooling load demand is reduced by approximately 15%
- A full range of products, meeting customers' needs for different store layouts



# Frost-free Inverter Lunch Case (Plug-in)



## Benefits at a Glance

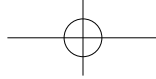
- High-efficient inverters compared with the previous generation of products, which are 20% more energy-efficient
- Frost-free function, more stable food temperature
- Highly cost-effective, reaching the perfect balance between energy conservation and product performance
- LCD display, touch screen control, better human-machine interaction experience, more convenient control

## Standard Configuration

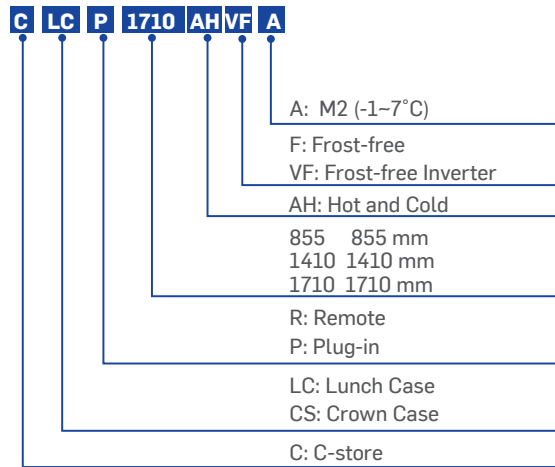
- Side panel options: Glass foamed side panel-stainless steel front heads
- Night curtain options: With night curtain
- Return air grilles: Stainless steel
- Lunch case shelf options: CLCR/P855 365 fixed glass shelf 5 layers

## Optional Configuration

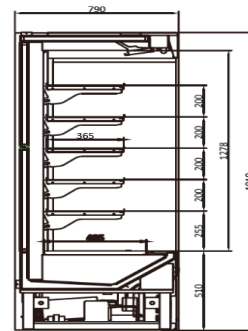
- Power cords options: Power cord-with circuit breakers
- Evaporative cooling pads options: With evaporative cooling pads
- Hole cover color options: White
- Lunch case rat guard options: With rat guard
- Light box options: Standard light box



## Naming Rules



## Dimension Drawing



## Product Parameters

Standard Model	Frost-free Inverter Lunch Case (Plug-in)	
	CLCP1710VF	CLCP1710VFA
Width (mm)	1710	
Depth (mm)	750	
Height (mm)	1910	
Rated Voltage (V)	220	
Rated Frequency (Hz)	50/60	
Refrigeration temperature range (°C)	1~10	-1~7
Operating current (Amp)	4.7	5
Refrigerant	R410A	
Fan Input Power (W)	24x3	
Lighting Power (W)	24	
Cabinet Power Consumption (kW·h/24H)	14.2	16.2
Net Weight (kg)	340	
Display Area (m <sup>2</sup> )	2.99	
Effective Volume (m <sup>3</sup> )	0.78	
Energy Efficiency Level (EEL)	1	