

GREEN COLD CHAIN•PROTECTS FOOD SAFETY



Integrated Commercial Refrigeration Solution



400-678-1888

## Haier Carrier's Convenience Store Pleasure Series

**Qingdao Haier-Carrier Refrigeration Equipment Co., Ltd.**

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Carrier reserves the right to further adjust the related technical parameters listed in the brochure.  
The actual parameters are subject to the finished product. REV10/1/14



# Qingdao Haier-Carrier Refrigeration Equipment Co., Ltd.

Qingdao Haier Carrier Refrigeration Equipment Co., Ltd. was established by Haier Group and Carrier in 2001. After more than ten years of development, it has become a world-class facility. Its products include supermarket display cabinets (more than 1,000 models), compressor rack and condensing units(scroll, reciprocating and screw), and heat exchangers (condenser and air cooler). It can provide customers with integrated refrigeration turnkey solutions. Withsupport of Carrier's R&D centers in Mainz, Germany and Shanghai, China, the company now has manygov. certified labs, and leading products and technologies in the world. The company is committed to providing advanced energy-saving solutions, e.g.CO<sub>2</sub> systems, for customers.

In the past ten years, with abundant resources of two parent companies, Haier Carrier has become a world-class facility that owns the ISO9001, ISO14001certification and the ACE certification of United Technologies (Carrier's parent company). With strong R&D strength, we are able to provide world-class system solutions like D2D hot gas defrosting (Refrigerating defrosting system - China patent), Supermarket cold chain and HVAC system, SPI (Semi Plug-in Integrated system), HybridCO<sub>2</sub>OL (carbon dioxide cascade refrigeration technology), and CO<sub>2</sub>OLtec (carbon dioxide trans-critical refrigeration technology).

**Green Energy Saving and Lower-carbon Environmental Friendly**  
It is incumbent upon every company to strive for it!

## Carrier/UTC

The world's leader in heating, air-conditioning and refrigeration solutions. Carrier is a part of UTC Climate, Controls & Security, a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide.

In 2014, UTC global revenue volume is \$65.1 billion.

## Haier Group

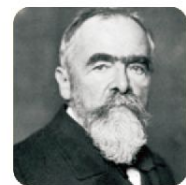
Since its establishment in 1984, Haier Group has expanded its business from the single production of refrigerators to areas such as household appliance, communication, IT digital products, home furnishing, logistics, finance, real estate and bio-pharmaceutical, becoming a world leading life solution provider.

Committed to building a local brand popular among global consumers, Haier has long been practicing an overseas market strategy of localized research and development, production and marketing, and great results have been achieved. Up to now, Haier has 5 research and development centers, 21 industrial parks, 66 trading companies and users across 100 countries and regions.

In 2014, Haier achieved a global turnover of 200.7 billion yuan, becoming the top large household appliance brand in the world for the 6th consecutive year.




















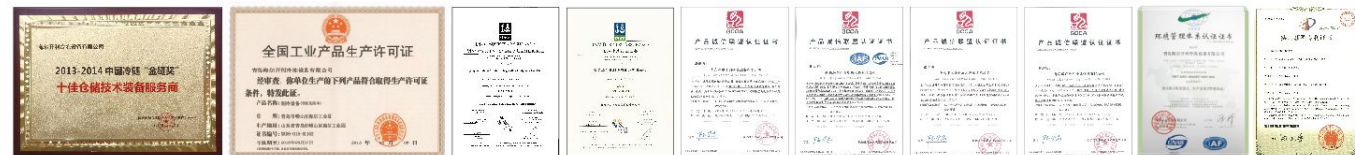
When Dr. Willis Carrier invented the first modern air conditioning, he was on the list of 100 most influential people in the 20th century.



In 1877, Mr. Carl von Linde patented the technology of cold storage, creating its application in scientific research, industry and commerce, and domestic use.

# Innovation Roadmap

<p><b>1877</b></p>  <p>Mr Carl von Linde patented the first refrigerating machine, which was the first step toward modern refrigeration</p>	<p><b>1883</b></p>  <p>The first Linde refrigerating machine improved from the prototype in 1873was assembled and put into practice at a brewery in Trieste (Italy) in 1877</p>	<p><b>1902</b></p>  <p>Mr Willis Carrier invented modern air conditioning</p>	<p><b>1915</b></p>  <p>Seven young engineers established Carrier company with investment of 32,600 dollars, which was the first independent company focusing on new arts and technology of air conditioning</p>	<p><b>1920</b></p>  <p>The Machinery Factory purchased by Linde in Cologne in 1920</p>	
<p><b>1922</b></p>  <p>The unveiling ceremony of Rivoli Theatre equipped with the world's first Carrier units of 133 ton of refrigeration became the envy of others.</p>	<p><b>1945</b></p>  <p>The first trolley bus with Carrier's air conditioning in Atlanta</p>	<p><b>1950</b></p>  <p>The refrigerating showcase was assembled in Mainz</p>	<p><b>1950</b></p>  <p>Linde launched E1 deluxe refrigerating showcase</p>	<p><b>1952</b></p>  <p>Carrier company also helped cultivating new retail model-shopping mall, a sheltered courtyard centered building with energy saving and low operating cost</p>	<p><b>1994</b></p>  <p>In America, Carrier company stopped producing CFC chilling unit in this year which was 2 years earlier than the requirement stated by Clean Air Act</p>
<p><b>2002</b></p>  <p>E5 series was launched and new standard of frozen food display case and its temperature was established</p>	<p><b>2007</b></p>  <p>Carrier set up the global research center in Germany</p>	<p><b>2009</b></p>  <p>The 100th CO<sub>2</sub>OLtec transcritical system was installed in a Aldi Sud store in Germany</p>	<p><b>2012</b></p>  <p>The first CO<sub>2</sub>OLheat heating supply system was installed in a Edeka store in Germany.</p>	<p><b>2014</b></p>  <p>E6, the new generation of Remote cabinet product was launched.</p>	<p><b>2015</b></p>  <p>The first CO<sub>2</sub> rack offline in China factory</p>

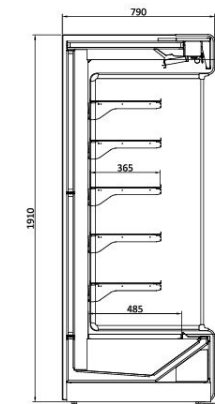




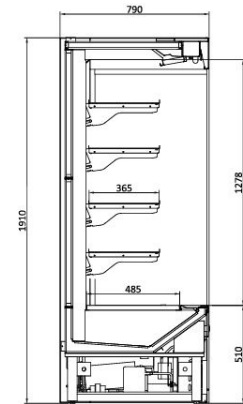
# 「 Lunch Case 」

**Product Features:**

- \* High efficiency air curtain and evaporating tube coil design
- \* High efficiency fan motor (optional)
- \* Exclusive Carrier LED lighting (optional)
- \* Stainless steel wrapped edge
- \* Fixed/drawable shelf boards (optional)
- \* Condensing water diversion design on side panel for extreme working condition
- \* Transparent side panel for better merchandise display
- \* Drawable CDU for efficient maintenance (plug-in)
- \* Auto defrost and condensing water evaporation design (plug-in)



Remote case



Plug-in case

## Catalogue

- 02 Lunch Case
- 03 Remote Crown Case
- 04 Walk-in Cooler

**Technical Data**

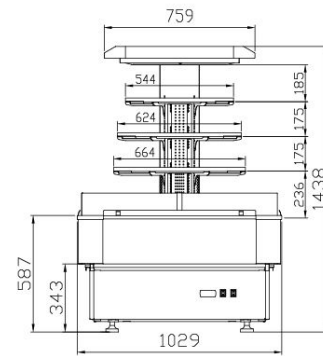
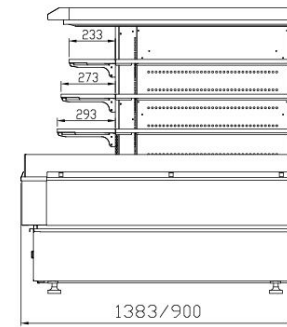
	Model	LxWxH External Dimension/mm	Temperature Range/°C	Effective Volume/m <sup>3</sup>	Display Area/m <sup>2</sup>	Weight/kg
Remote case	CLCR855C	855*750*1910	1~10	0.46	2.05	190
	CLCR1219C	1219*750*1910	1~10	0.65	2.59	230
	CLCR1710C	1710*750*1910	1~10	0.93	3.42	290
Plug-in case	CLCP855C	915*750*1910	1~10	0.39	1.85	210
	CLCP1219C	1279*750*1910	1~10	0.56	2.22	250
	CLCP1710C	1770*750*1910	1~10	0.78	2.99	340



Product Features:

- \* Transparent glass shelf boards
- \* Lampshade design for advertisement posting
- \* More cooling air flow to the corner, better temperature performance
- \* Optimized display area

# [ Remote Crown Case ]



CCSR0910(1410)C

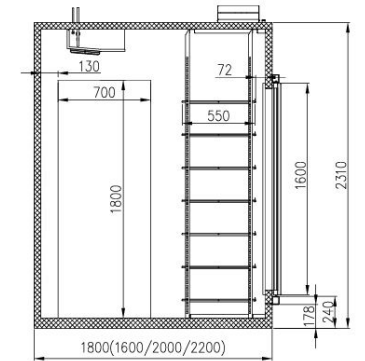
Technical Data

Model	LxWxH External Dimension/mm	Temperature Range/°C	Effective Volume/m <sup>3</sup>	Display Area/m <sup>2</sup>	Weight/kg
CCSR1410C	1383*1029*1438	1~10	0.50	2.90	220
CCSR0910C	900*1029*1438	1~10	0.36	1.98	180

Product Features:

- \* Optimized volume and display area
- \* Better insulation for high efficiency energy saving
- \* LED lighting
- \* Sliding shelf boards (optional)

# [ Walk-in Cooler ]



CWC4C\CWC3C Series

Technical Data

Model	LxWxH External Dimension/mm	Temperature Range/°C	Effective Volume/m <sup>3</sup>	Display Area/m <sup>2</sup>	Weight/kg
CWC4C-22	2920*2200*2310	1-10	12.7	2.9	580
CWC4C-20	2920*2000*2310	1-10	11.2	2.9	560
CWC4C-18	2920*1800*2310	1-10	9.7	2.9	540
CWC4C-16	2920*1600*2310	1-10	8.8	2.9	520
CWC3C-22	2215*2200*2310	1-10	9.3	2.1	480
CWC3C-20	2215*2000*2310	1-10	8.3	2.1	460
CWC3C-18	2215*1800*2310	1-10	7.3	2.1	440
CWC3C-16	2215*1600*2310	1-10	6.3	2.1	420