

## Specifications & Options

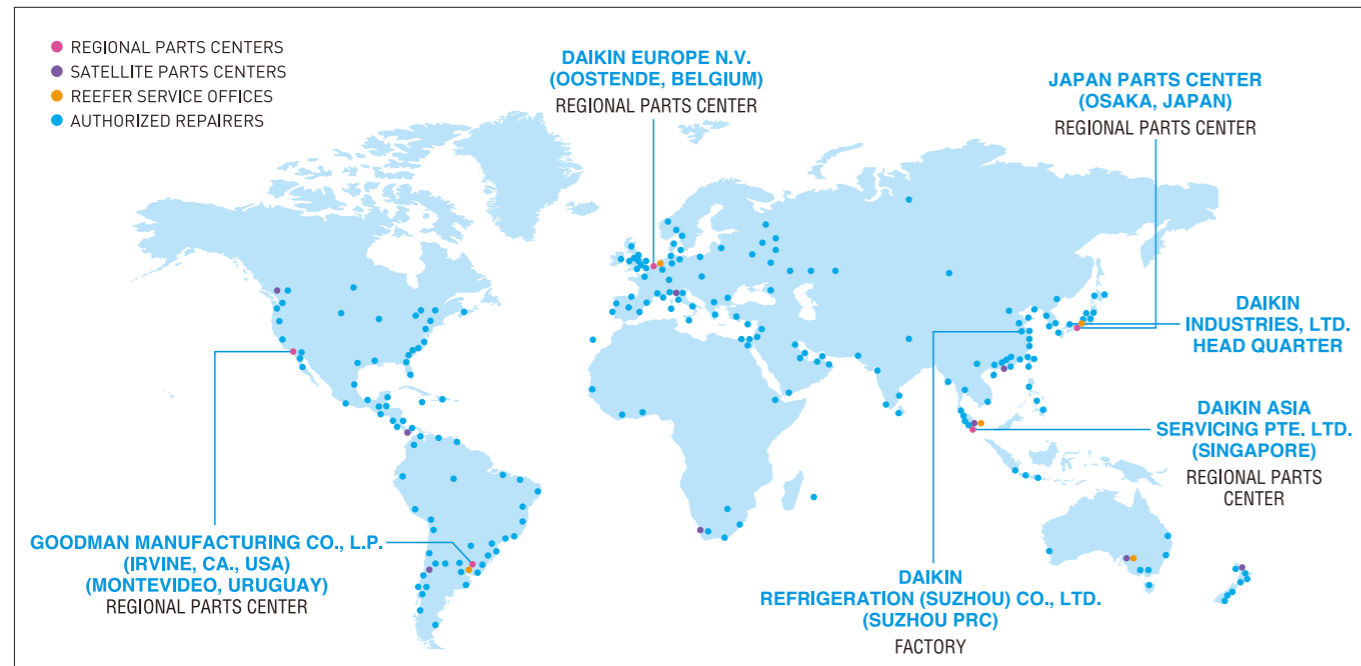
Model	LXE10E		
Cool air flow direction (Evaporator)	Bottom air discharge		
Cooling capacity (60Hz)	Inside temp. 2°C, Ambient temp. 38°C	10,000 W	
	Inside temp. -18°C, Ambient temp. 38°C	5,900 W	
Heating capacity (60Hz)	Inside temp. 16°C, Ambient temp. -20°C	5,100 W	
Air flow rate (Evaporator)(60Hz)	High (ESP=12.7 mmH <sub>2</sub> O)	86.8 m <sup>3</sup> /min	
	Low (ESP=3.2 mmH <sub>2</sub> O)	43.4 m <sup>3</sup> /min	
Fresh air intake (EPS=12.7 mmH <sub>2</sub> O, 60Hz)	0, 15-250 m <sup>3</sup> /h		
Power supply (50/60Hz)	Standard unit (single power supply)	3-phase AC 380,400,415 V / AC 440,460 V	
	Control circuit voltage	AC 13 V, AC 24 V	
Max. power consumption	13.5 kW		
	Refrigerant	Type	R134a
Charged amount		4.5 kg	
Inside temperature range	-30-30°C (-22-86°F)		
Compressor	Type	Hermetically sealed scroll	
	Lubricant oil	Type	Daphne hermetic oil FCV46D
		Charged amount	3.4 L
Air cooled condenser type	Cross Finned Coil		
Evaporator type	Cross Finned Coil		

Fan motor	Condenser	Type	3 phase squirrel cage induction motor
		Output	670 W (60Hz)
	Evaporator	Type	3 phase squirrel cage induction motor
		Output	400 W / 60 W x 2 (60Hz)
Controller	Type	DECOS III h	
	Automatic PTI	Full, Short, and Customized PTI	
Refrigerant control (Super heat control)		By electronic expansion valve	
Ambient temperature range		-30-50°C (-22-122°F)	
Defrost	Heat source	Hot gas	
	Initiation	Timer or on-demand and Manual	
	Termination	By temperature of evaporator outlet sensor or timer	
Protection devices	Protection thermostat (Compressor, Fan, Motor)		
	Fuse, Circuit breaker,		
	High pressure switch, Fusible safety plug		
	Current transformer		
Dimensions	Height	2,234.5 mm	
	Width	2,025 mm	
	Depth	415 mm	
Weight (Dry)	Standard unit (single power source)	409 kg (*)	
	Classification Society Approval	BV	
Options	Please inquire for details		

\* Depending on the specifications of the product.  
This product complies with the following standards: T.I.R. (Customs Convention on the International Transport of Goods under cover of TIR Carnets), ISO1496/2; 1996 (container refrigeration standard), USDA (United States Department of Agriculture)

## Dependable Service Network

With more than 300 service offices around the world Daikin can offer customers the support where and when they need it.



Organization:  
Daikin Refrigeration  
(Suzhou) Co., Ltd.  
Scope of Registration:  
Production of Marine  
Container  
Refrigeration Unit



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All Daikin Industries locations and subsidiaries in Japan have received environmental management system standard ISO 14001 certification.

Daikin Industries, Ltd.  
Domestic Group  
Certificate Number. EC99J2044

### DAIKIN INDUSTRIES, LTD.

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Printed in Japan 10/15/001 DB-AK

# DAIKIN

LXE SERIES



High Quality and Reliability  
All for Your Business Success

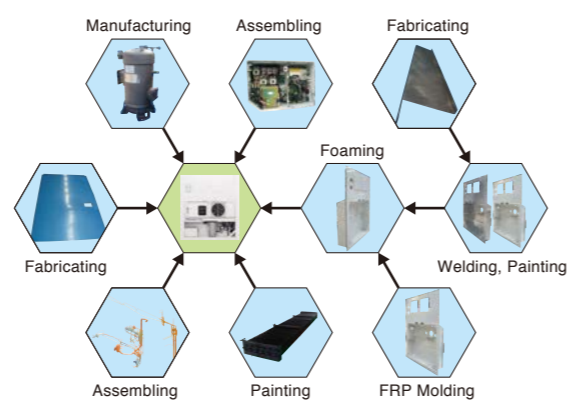


DAIKIN INDUSTRIES, LTD.

# High Reliability, Operating Performance and Efficiency Born from Completely In-House Technologies.

## In-house manufacturing

Taking advantage of our position as the world's No.1 air conditioner maker, DAIKIN is the only manufacturer that can perform everything from the design and development of refrigerants, compressors, temperature control technologies and other key components of container refrigeration unit, to processing and assembly, completely in-house. By producing everything at our own plants, we are able to assure exceptionally high product quality.

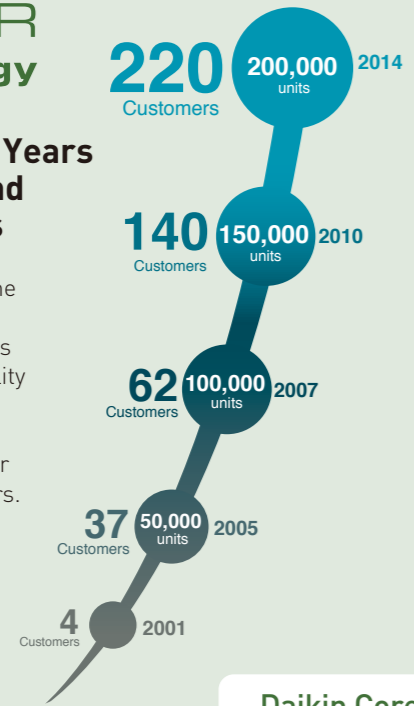


## Core Technologies Supporting High DAIKIN Reefer Performance

### REEFER Technology

#### More Than 40 Years Experience and Achievements

DAIKIN introduced the LXE Series to the industry over 10 years ago. The high reliability of these products is reflected in the ever-growing number of satisfied customers.

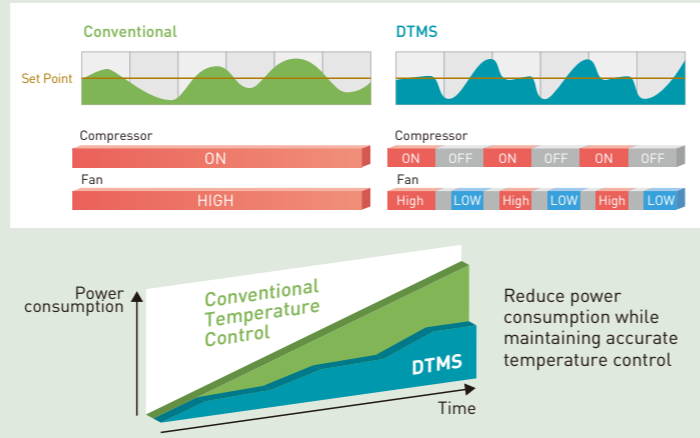


### ENERGY SAVING Technology

ONLY 1

#### DTMS (Daikin Temperature Management System)

A unique temperature management system featuring outstanding control technology.



Daikin Core Technologies

### CHEMICAL Technology

#### World Major Supplier of Refrigerant

We also supply the refrigerants that determine refrigeration efficiency, all developed in-house.

### AIR-CONDITIONING Technology

NUMBER 1

#### Global No.1\* Air-Conditioning Manufacturer and Supplier of Scroll Compressors

DAIKIN is also the world's leading manufacturer of the scroll compressors at the heart of air conditioners. For 20 years, we have supplied over 1.2 million units annually. Providing unique, high efficiency control, they enable significant energy saving for low-cost operation.

\*2010 world sales leader in air conditioners

## DAIKIN: The Art of Continuous Improvement

— As the best seller of reefer machine with scroll compressor —

To provide all our customers with the very best services and product quality, DAIKIN continues to make every effort in the research and development of software and hardware.



## Outstanding Technologies Enabling Low-Cost Operation

### Powerful Cooling Capacity

Sufficient cooling capacity for both non pre-cooled cargo and deep frozen cargo ensures reliable transportation.

### Sensitive Temperature Control

To protect fresh products from freeze damage, LXE Series units provide uniform supply air temperature with suction modulation and discharge gas control. This precise temperature control protects fresh products from freeze damage and moisture loss.



## Unique Cutting-Edge Technologies

### Hot Gas Defrost & Dehumidification

Daikin's hot gas system provides faster defrosting and with less heat escaping into the cargo area, improving conditions for the cargo. For dehumidification the DAIKIN LXE hot gas system provides a fully controllable and powerful product ensuring excellent conditions for your cargo.

## Expand Your Choices with Daikin Active CA

### Daikin Active CA

Options: The CA provision option is available

- Air Pump Ass'y
- Air pump
  - Air pump motor
  - Control valves
  - Absorption cylinder
  - Print circuit board

