

# What are the elementary parts ?

\* Changes suction gas to Low temperature & Low pressure.  
(For easy evaporating in evaporator.)



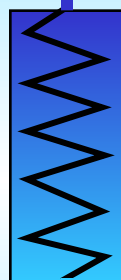
Exp. Valve

LT/LP, Mix liquid and gas

HT/HP, Liquid

\* Liquid ⇒ Gas by evaporating

\* Indoor air is cooled by the evaporating.  
(Gas absorbs the heat)



EVAPORATOR

CONDENSER

\* The absorbed heat is removed by ambient air.  
(Ambient air is heated.)

\* Gas ⇒ Liquid by removing the heat.

COMPRESSOR

HT/HP, Vapor

LT/LP, Gas



Condenser

\* Changes suction gas to High temperature & High pressure.  
(For easy condensing in condenser.)

\* Further more, circulates refrigerant in the system.



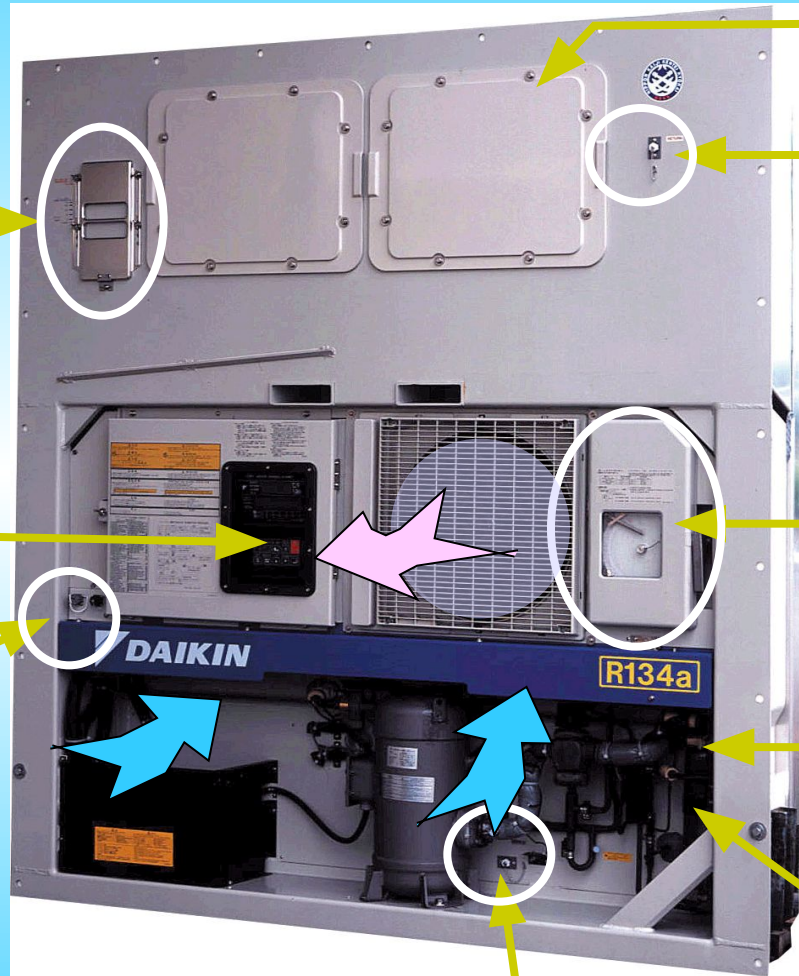
Compressor



},-,□,□,□,Ⓔ,□,"□

**DAIKIN**

# LXE10E



**Fresh Air ventilation**

**ACCESS PANEL**

**SAMPLING PORT (RETURN AIR)**

**OPERATION PANEL**

**TEMP. RECORDER**

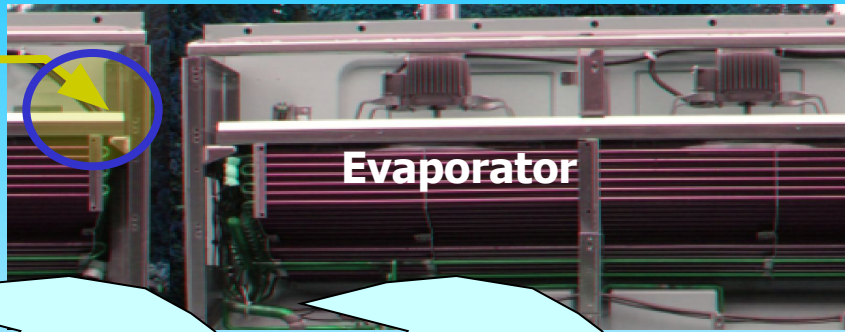
**RECEPTACLE PC CABLE**

**LIQUID INDICATOR**

**DRIER**

**SAMPLING PORT (SUPPLY AIR)**

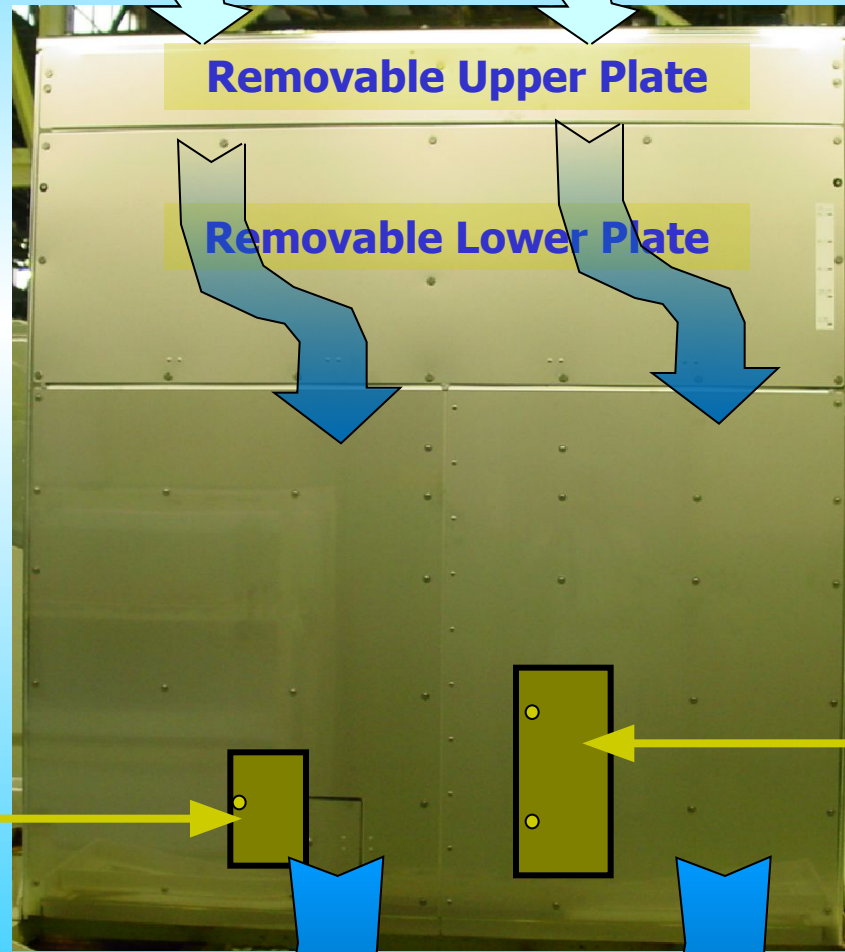
**Return Sensor**  
**RS/DRS/RRS**



Evaporator

**Removable Upper Plate**

**Removable Lower Plate**



**Supply Sensor**  
**SS/DSS/RSS**

**USDA &**  
**Cargo Temp.**  
**Receptacles**  
**(option)**

● **OPERATION RANGE**

**\* INDOOR TEMP. -30 to +25 °C**

**\* OUTDOOR TEMP. -30 to +50 °C**

● **3 OPERATON MODES**

<b>OPERATON MODE</b>	<b>SET POINT</b>	<b>Control Temp.</b>	<b>Control Sensor Eva. Fan</b>
<b>FROZEN Mode</b>	<b>-10.1 to -30.0°C</b>	<b>SP 0+1.0°C</b>	<b>Supply Air Sensor Low Speed</b>
<b>PARTIAL FROZEN Mode</b>	<b>-3.0 to -10.0°C</b>	<b>SP ±0.5°C</b>	<b>Return Air Sensor High Speed</b>
<b>CHILLED Mode</b>	<b>-2.9 to +25.0 °C</b>		<b>Eva. Inlet Sensor Stop</b>
<b>DEFROST</b>	<b>HOT GAS DEFROST SYSTEM</b>		