

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 \Rightarrow Gas
by evaporating

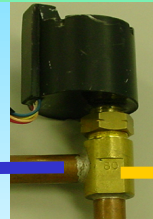
* Indoor air is cooled
by the evaporating.
(Gas absorbs the heat)



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EVAPORATOR



EXP. VALVE

CONDENSER



COMPRESSOR



HT/HP, Vapor

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

* Gas \Rightarrow Liquid
(Condensing)
by removing the heat.



Condenser

LT/LP, Gas

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

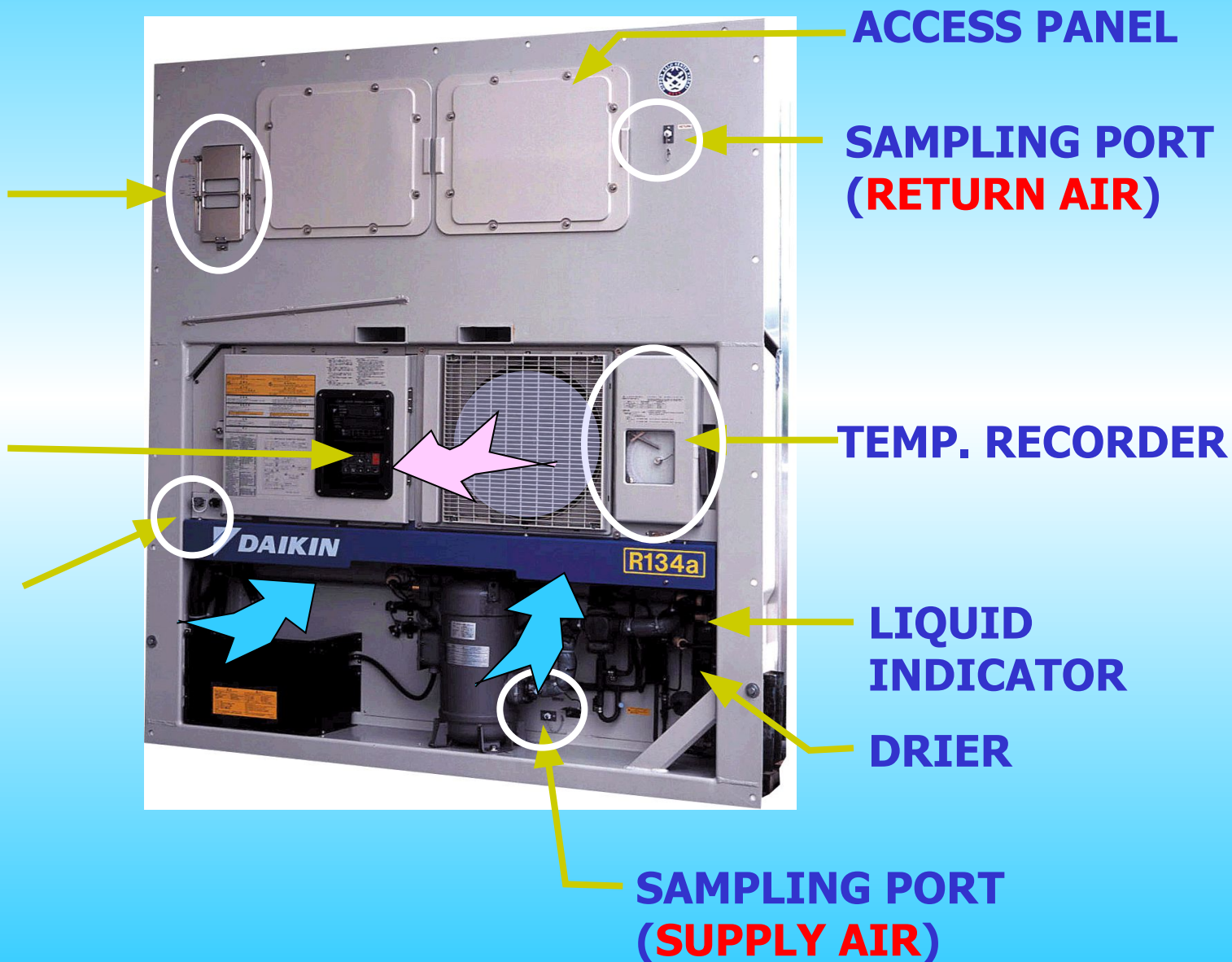
* Further more, circulates refrigerant in the system.



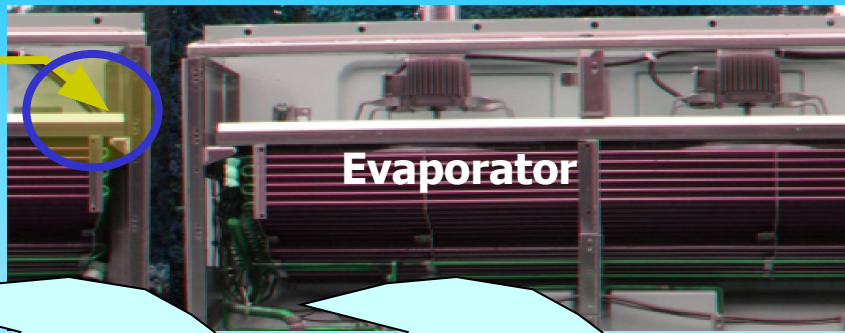
Compressor

DAIKIN

LXE10E



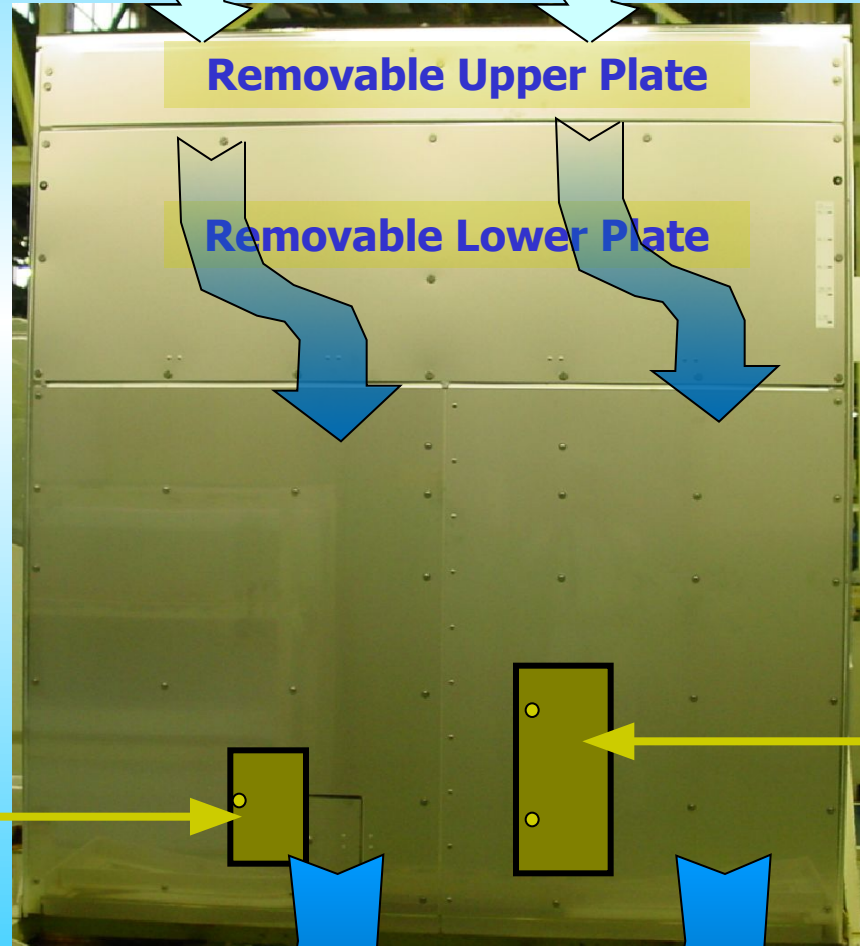
Return Sensor
RS/DRS/RRS



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

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