

# **AIRSTAGE™ V-II**

*Variable Refrigerant Flow System*

## **1. GENERAL INFORMATION**

# CONTENTS

## 1. GENERAL INFORMATION

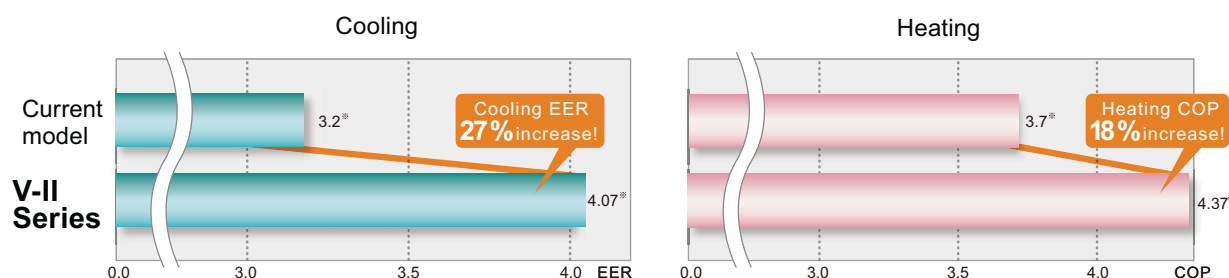
<b>1-1. FEATURES OF SYSTEM .....</b>	<b>01-01</b>
1-1-1. HIGH EFFICIENCY OPERATION.....	01-01
1-1-2. HIGH DESIGN FREEDOM .....	01-03
1-1-3. HIGH RELIABILITY .....	01-05
1-1-4. EASY INSTALLATION .....	01-07
1-1-5. MORE COMFORT & CONVENIENCE .....	01-09
1-1-6. EASY SERVICE & MAINTENANCE .....	01-11
 <b>1-2. MODEL LINE UP .....</b>	 <b>01-13</b>
1-2-1. OUTDOOR UNIT .....	01-13
1-2-2. INDOOR UNIT .....	01-15
1-2-3. CONTROLLER .....	01-17
1-2-4. ADAPTOR / CONVERTOR / MAINTENANCE.....	01-18
1-2-5. OUTDOOR UNIT BRANCH KIT .....	01-19
1-2-6. SEPARATION TUBE .....	01-19
1-2-7. HEADER.....	01-20
1-2-8. EV KIT .....	01-21
1-2-9. CASSETTE GRILLE.....	01-21
1-2-10.OTHERS (optional parts).....	01-22
 <b>1-3. REVISION CODE .....</b>	 <b>01-24</b>

# 1-1. FEATURES OF SYSTEM

## 1-1-1. HIGH EFFICIENCY OPERATION

### ■ SIGNIFICANTLY IMPROVED EER/COP

Significantly greater efficiency is realized by the use of a DC twin rotary compressor, inverter technology, and large heat exchanger.



\* The data refers to a 8HP outdoor unit.

\* "EER" and "COP" is the coefficient of performance [= capacity (kW) / input power (kW)].

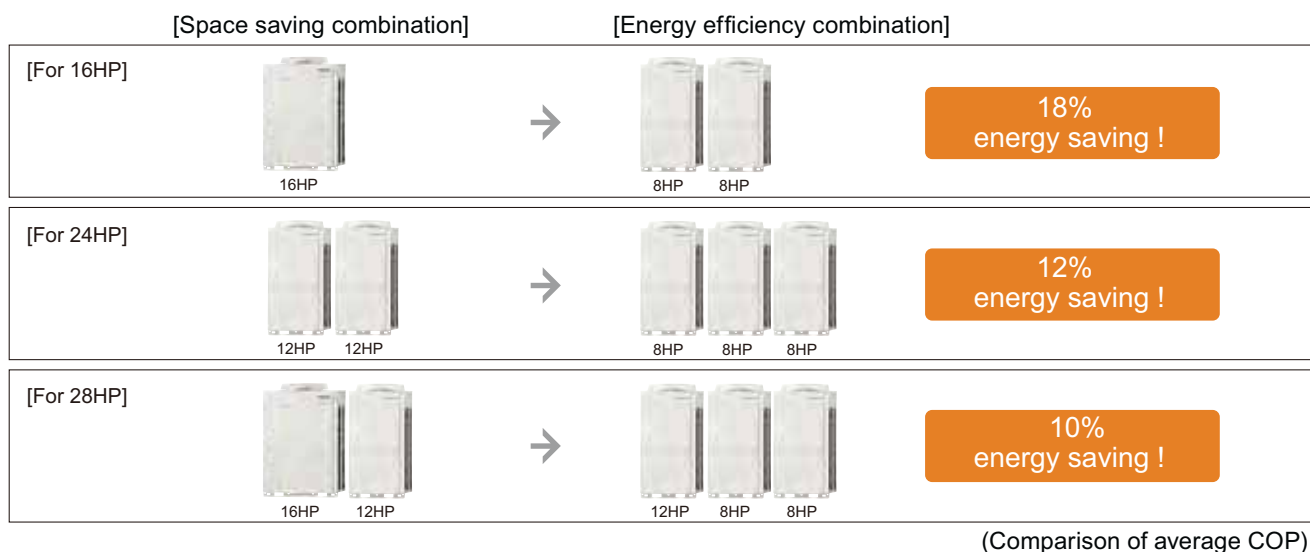
\* EER and COP values are base on our own testing method.

### ■ ENERGY SAVING TECHNOLOGY

The central image shows a cutaway view of an outdoor unit with several components highlighted by callouts:

- Sine wave DC inverter control:** Use of sine wave DC inverter control allows high efficiency and energy saving.
- DC twin rotary compressor:** High performance DC twin rotary compressor maximizes efficiency from low speed to high speed operation.
- Front intake port (omnidirectional intake):** Front intake port is designed to prevent decreasing airflow when multiple outdoor units are installed.
- Powerful large propeller fan:** A newly designed by CFD analysis fan achieves high performance and low noise operation.
- DC fan motor:** High performance and high efficiency compact DC fan motor.
- Subcool heat exchanger:** Heat exchanger efficiency is increased up to approx.100% by use of heat exchanger tube with high heat transfer dual coil.
- Heat exchanger:** Capacity is increased 5% due to new unique design.

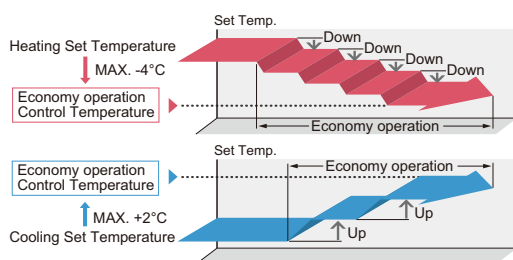
## ENERGY EFFICIENCY COMBINATION



## ECONOMY OPERATION

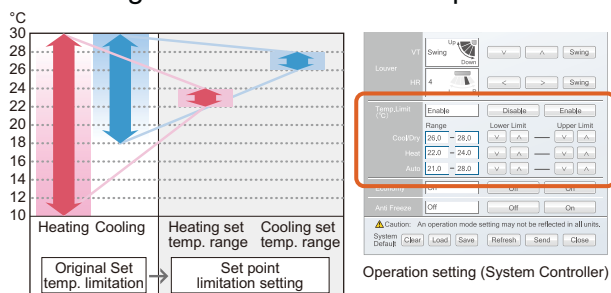
Economy operation can be set by remote controller.

The temperature setting is offset automatically over a certain period of time.



## ROOM TEMPERATURE SET POINT LIMITATION

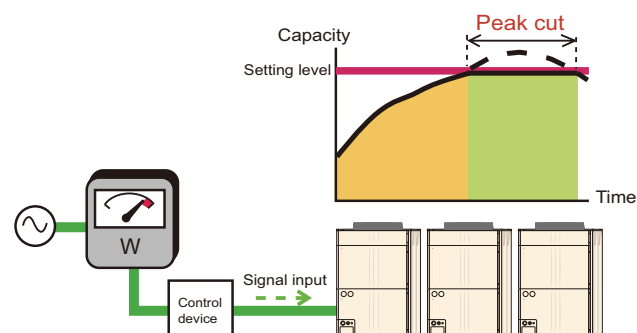
The minimum and maximum temperature range can be set giving further energy saving while considering the comfort of the occupants.



## PEAK CUT OPERATION

Operation capacity can be set in 4 steps for rated capability.

The power consumption at peak is cut down and the maximum load is suppressed.



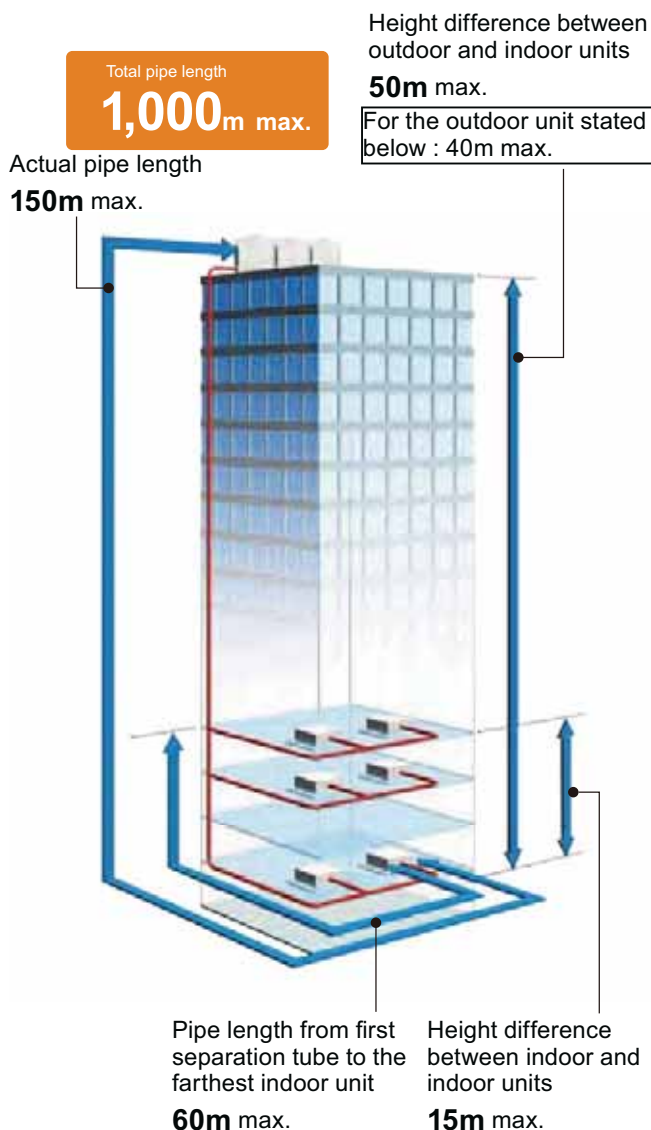
## AUTO-OFF TIMER

Each remote controller is equipped with an OFF timer function that automatically stops operation when a fixed time has elapsed from the start of operation. This prevents wasteful operation. (NB Except simple remote controller)

## 1-1-2. HIGH DESIGN FREEDOM

### ■ OVERALL PIPING LENGTH 1,000m

World's top class overall piping length of 1,000m allows for application in a wide variety buildings.



### ■ HIGH STATIC PRESSURE OF 80Pa

The outdoor unit can have a condenser hood easily connected with a static pressure of 80Pa standard. This allows outdoor units to be installed within plant rooms in high rise buildings.

Powerful discharge with an external static pressure of 80Pa.

Previous model

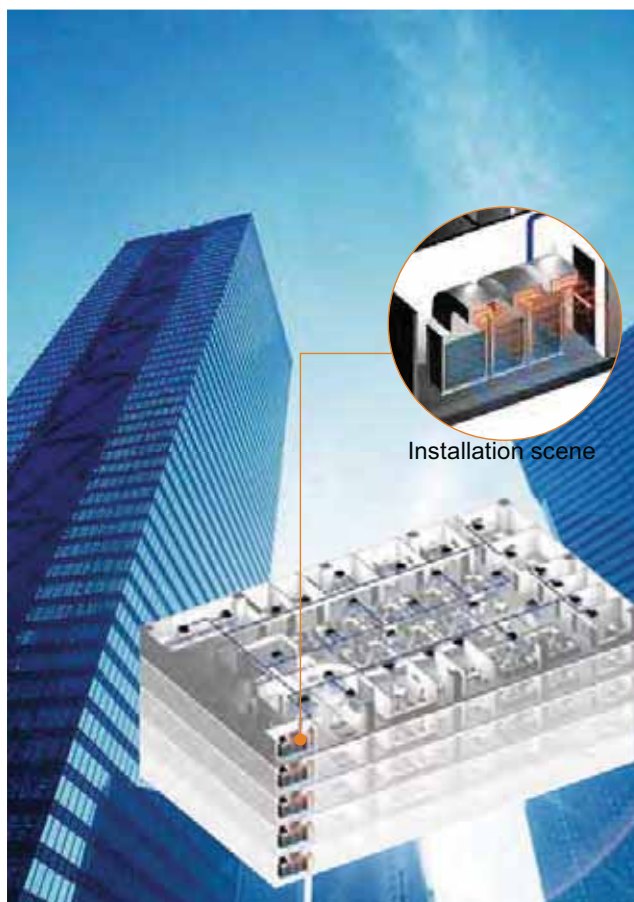


V-II Series

**80Pa**  
as standard

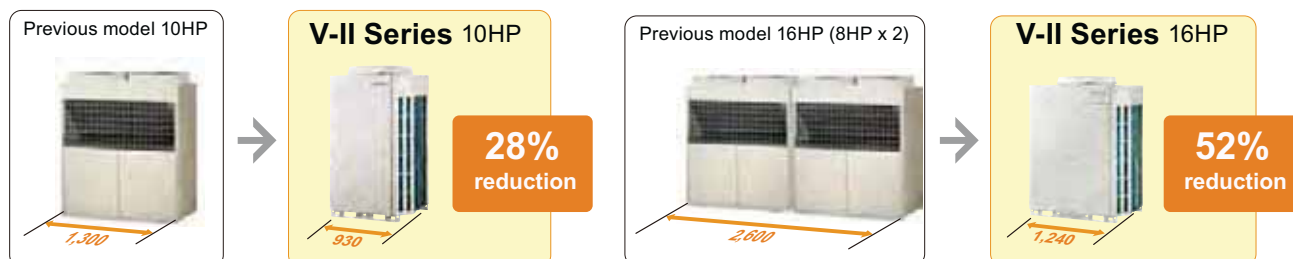


Large diameter fan and DC motor has been utilized allowing an external static pressure of 80Pa. This is approximately 2.6 times greater than the previous model.

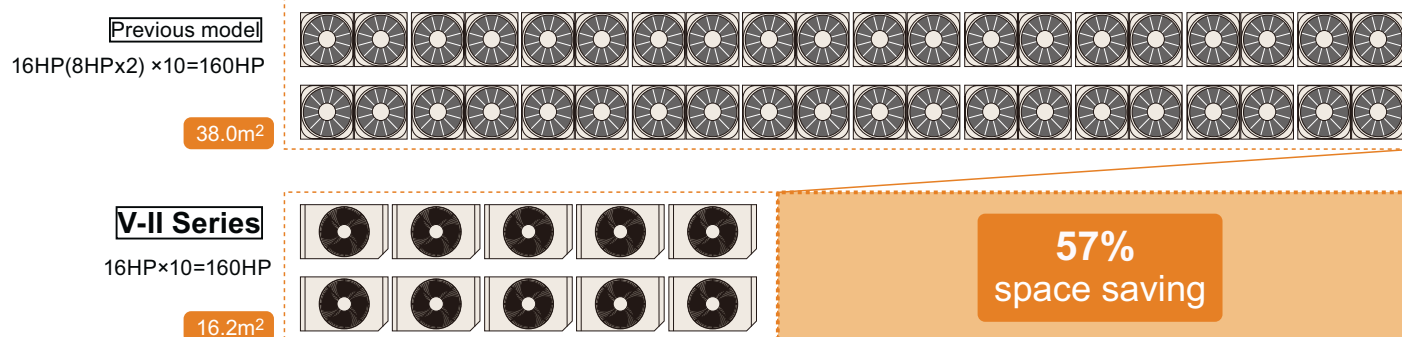


## SPACE SAVING AND COMPACT SIZE

Compact size has been achieved by significantly reducing the width of the outdoor units compared to previous models.



For 160HP

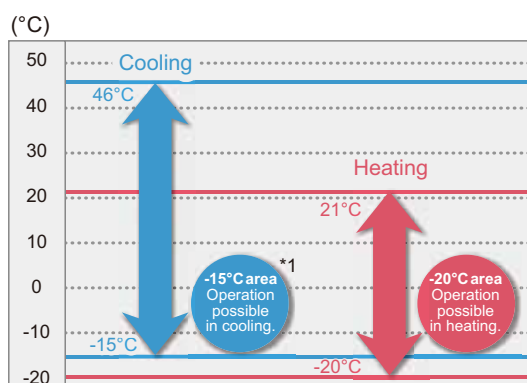


## WIDE OPERATING RANGE

Installation in extreme temperature conditions is possible due to an increase in operational range.

Cooling : -15°C~46°C

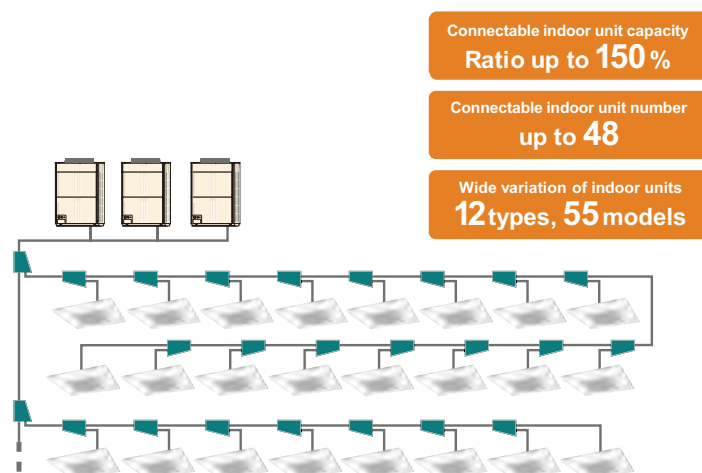
Heating : -20°C~21°C



\*1 Note : When a multiple outdoor unit connection is used, operating range is from -5°C to 46°C in cooling.

## VARIOUS COMBINATIONS

Various combination from 8HP to 48HP with 2HP increments. 12 types, 55 models of indoor units can be selected ranging from 2.2kW to 25kW in capacity. A maximum of 150% indoor unit connectable capacity.

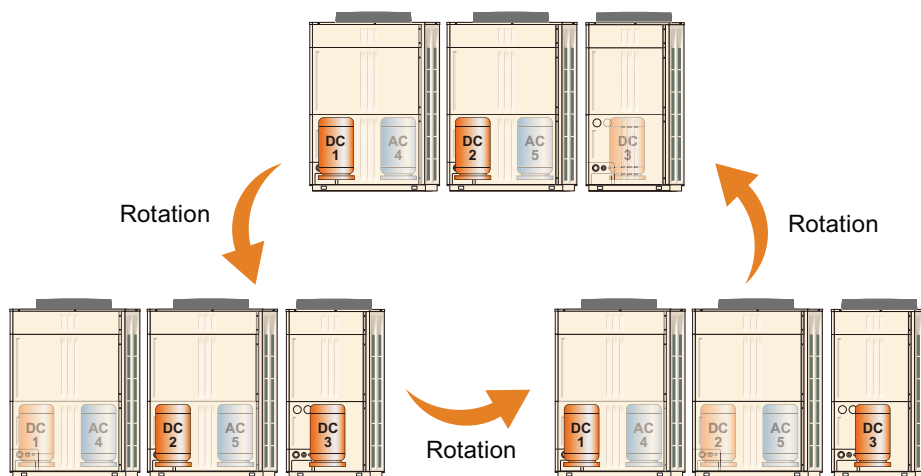


Note : when indoor unit connected capacity is greater than 100%, individual indoor units will operate at a slightly lower capacity when maximum capacity is required.

## 1-1-3. HIGH RELIABILITY

### OUTDOOR UNIT OPERATION ROTATION

The compressor starting order is rotated so that the running time is shared.



Note : The inverter compressors start in priority.

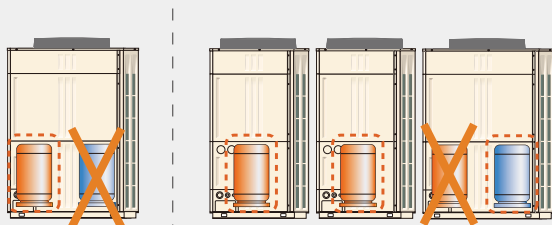
Operating rotation is alternated by the start / stop timing of the compressors

### BACKUP OPERATION

If one of two compressors malfunctions, it will not affect the operation of the remaining outdoor units.

#### Outdoor units

If one of compressor fails, backup operation will be performed by the remaining compressors as emergency.\*1

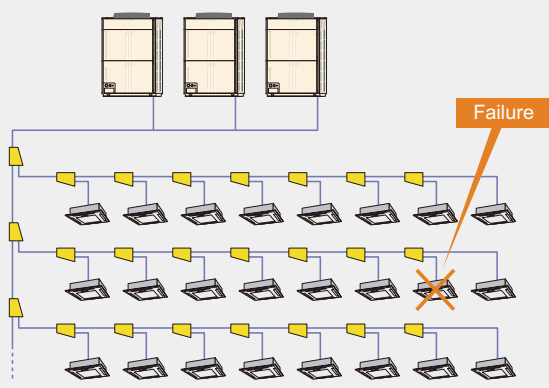


\*1 Note: Backup operation may not be possible depending on the combination and trouble state.

#### Indoor units

#### Indoor unit continuous operation

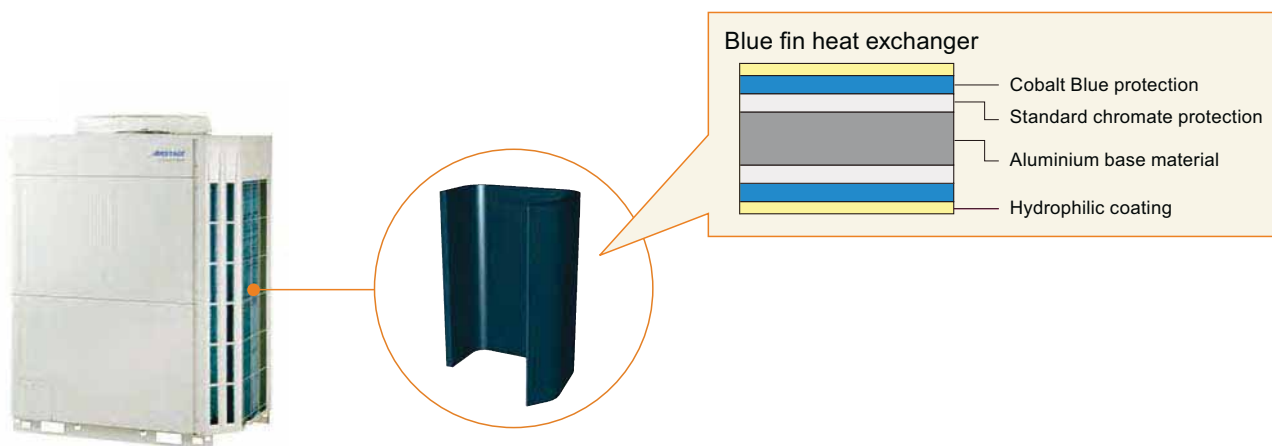
Each indoor unit is controlled individually on the system network. This allows all indoor units to continue to operate unaffected even if an error should occur at any indoor unit's on the VRF system.





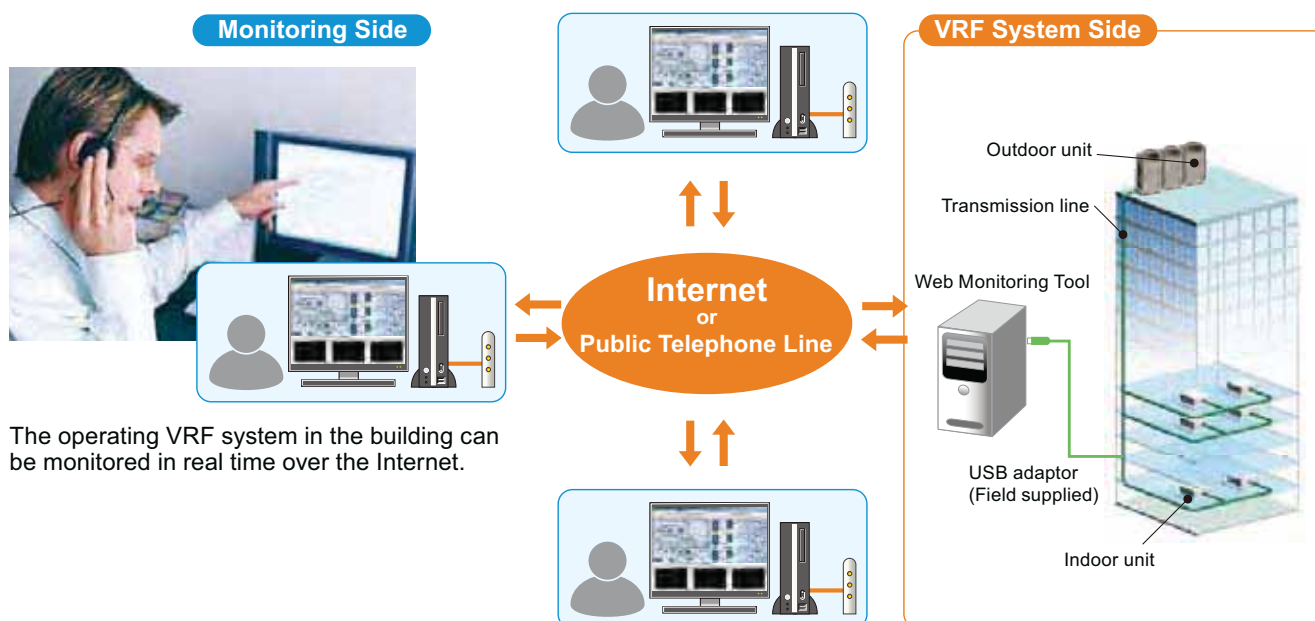
## ■ ADOPTION OF BLUE FIN HEAT EXCHANGER

Corrosion resistant of the heat exchanger has been improved by the introduction of blue fin treatment to the outdoor unit's heat exchanger.



## ■ REMOTE MONITORING

The Web Monitoring system allows you view system operation at all times over the internet ensuring trouble free operation.



The operating VRF system in the building can be monitored in real time over the Internet.



## 1-1-4. EASY INSTALLATION

### ■ EASILY TRANSPORTED

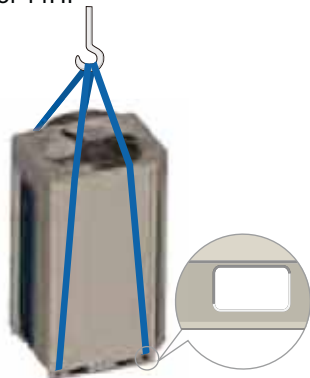
Light weight

**20% weight reduction**  
(Than Previous model)

Note : In the case of 14HP

Easily craned  
into position  
using lifting  
belt hooks

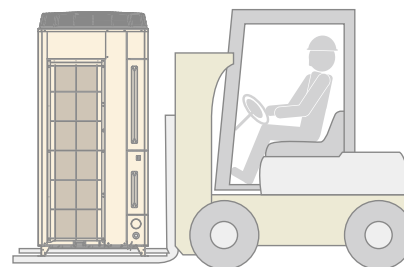
Design of outdoor  
unit allows for lifting  
straps to be used



Can be transported  
in a small elevator



Transporting by forklift



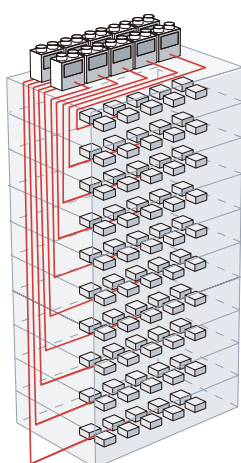
Transport with forklift is possible.

### ■ SIMPLE SIGNAL LINE CONNECTION

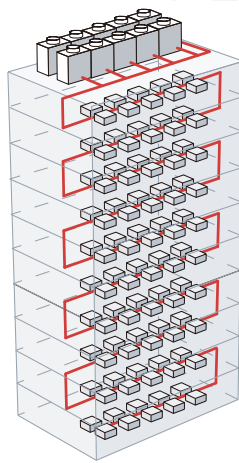
Installation is made easier as the communications wiring can be connected continuously to any component.

Up to maximum  
length 3,600m

**AIRSTAGE V-II**



Other wiring method

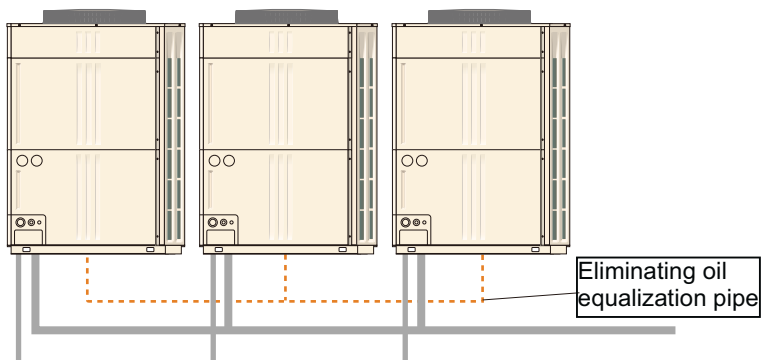


Simple wiring method

Note: In a multiple refrigerant system installation, Automatic addressing sequence cannot be initiated

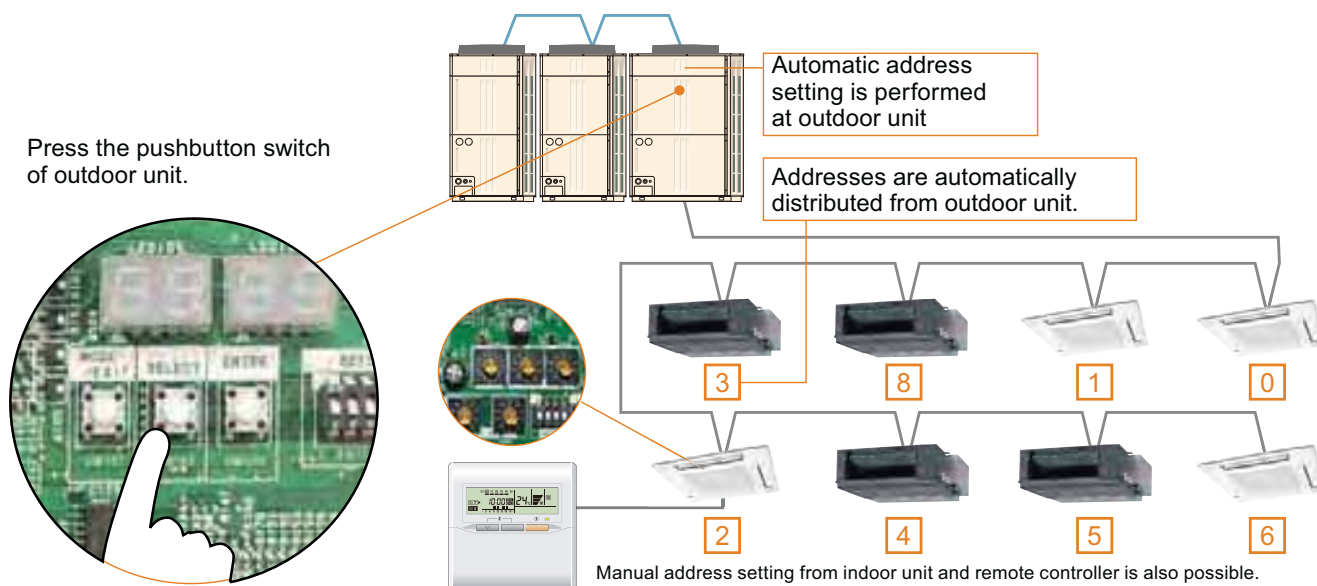
### ■ Easy piping connection

The need for a oil equalization pipe as required on the previous model has been removed. The installation costs have been reduced by employing a Simple 2 pipe connection.



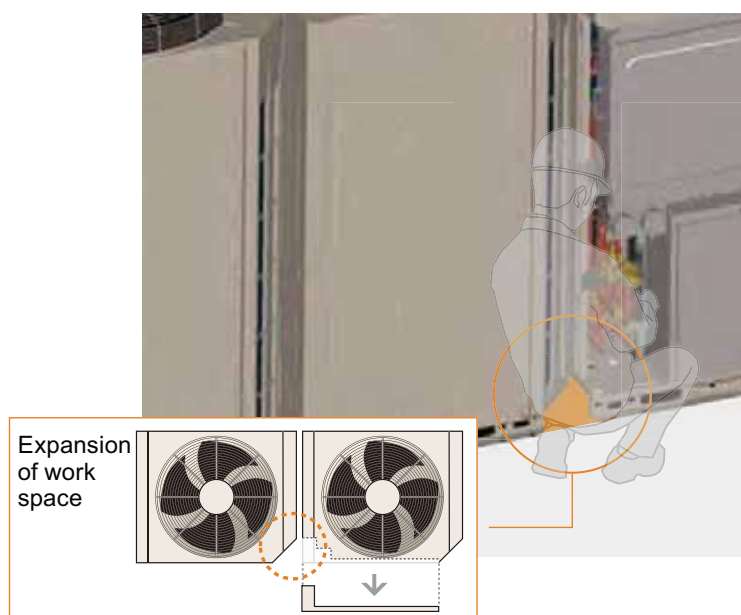
## ■ AUTOMATIC ADDRESS SETTING

The address of each indoor unit can be automatically set by button switch of outdoor unit.



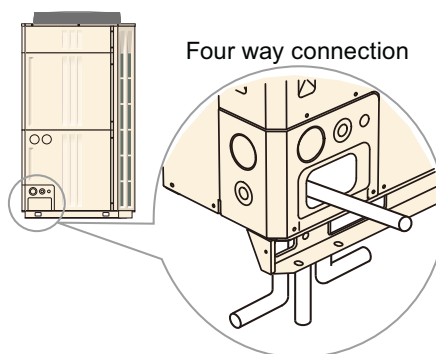
## ■ EASY ACCESS

By adopting a L-Shape front panel that can be removed, the work space for installation and service has been significantly expanded by this corner cutting structure. For multiple installations, work is performed easily and efficiently even in a narrow space.



## ■ FOUR WAY PIPING CONNECTION

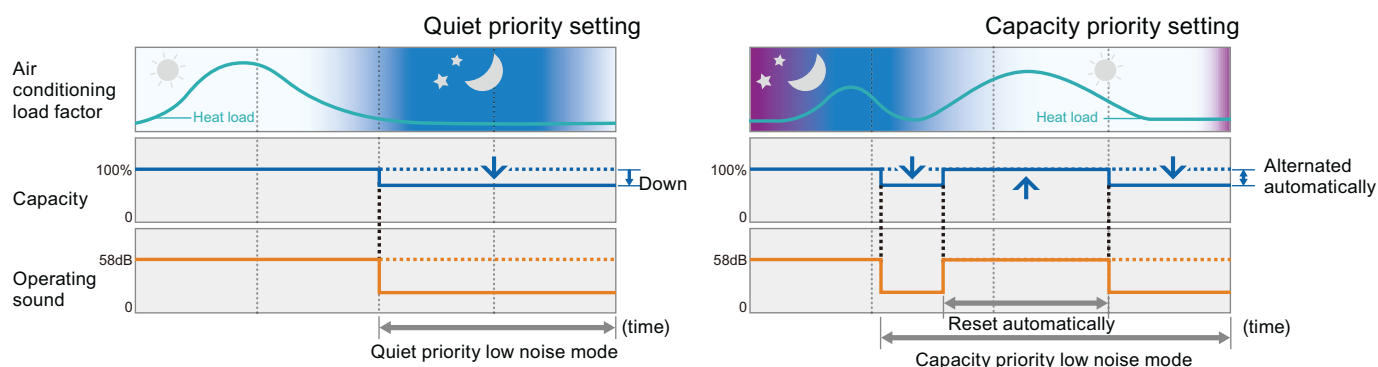
Piping and wiring are available to the front, left and right, and bottom.



## 1-1-5. MORE COMFORT & CONVENIENCE

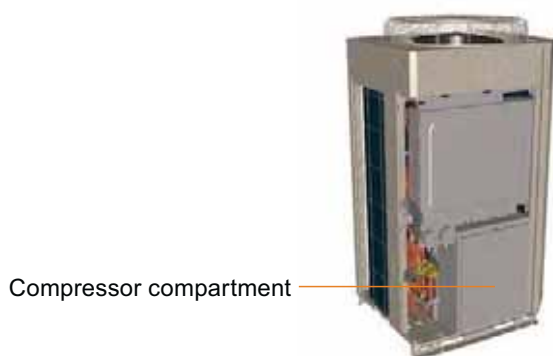
### ■ LOW NOISE MODE

Two low noise modes can be selected automatically by quiet priority setting and capacity priority setting depending on the usage environment and outside temperature load.



### ■ LOW NOISE DESIGN

Compressor noise has been significantly reduced by shielding the compressor compartment.



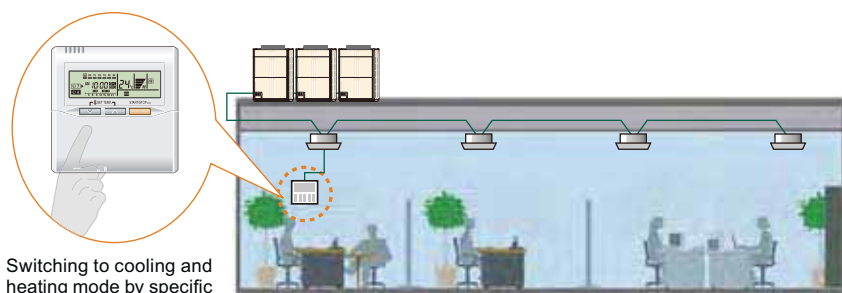
### ■ INDOOR UNIT

Low noise indoor unit lineup



### ■ SELECTABLE AUTO CHANGEOVER FUNCTION

Auto changeover setting allows for the product to easily switch between Cooling and heating modes regardless of the operation mode of other indoor units. This can be done via specific indoor unit with wired remote controller. This ensures comfortable operation all year round.

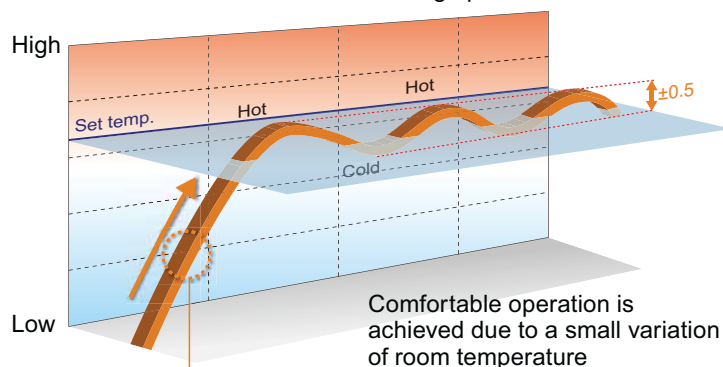


Switching to cooling and heating mode by specific remote controller in the main room, etc.

## PRECISION REFRIGERANT FLOW CONTROL

Precision and Smooth refrigerant flow control is achieved by using a DC Inverter control in conjunction with individual indoor unit electronic expansion valve control. This allows for a high precision comfortable temperature control of  $\pm 0.5^{\circ}\text{C}$ .

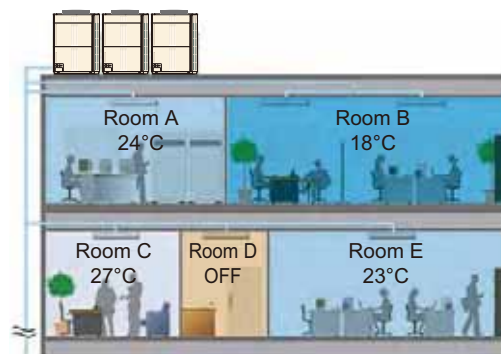
Thermal change of the room  
\*Simulation in heating operation.



Reach the set temperature quickly

## INDIVIDUAL AIR CONDITIONING CONTROL

The desired temperature conditions of each room are met due to the Individual thermostat control of each indoor unit.



## SIMPLE CENTRAL MANAGEMENT FUNCTION



7.5 inch large LCD  
Touch Panel Controller

- Simple central control operation ..... Simple operation by icon display and color touch screen
- Yearly schedule function ..... Daily starting & stopping and temperature setting are managed.
- Clock setting function ..... The clock of each individual controller is periodically corrected.



Schedule screen

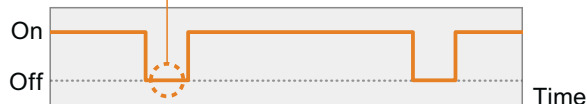
## NON-STOP OIL RECOVERY OPERATION

A comfortable room condition is maintained during oil recovery mode because the product continues to operate without stopping the cooling or heating operation.

Previous model



Operation stopped at oil recovery

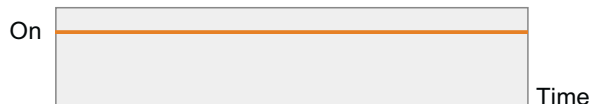


▼-II Series

(Heating operation)

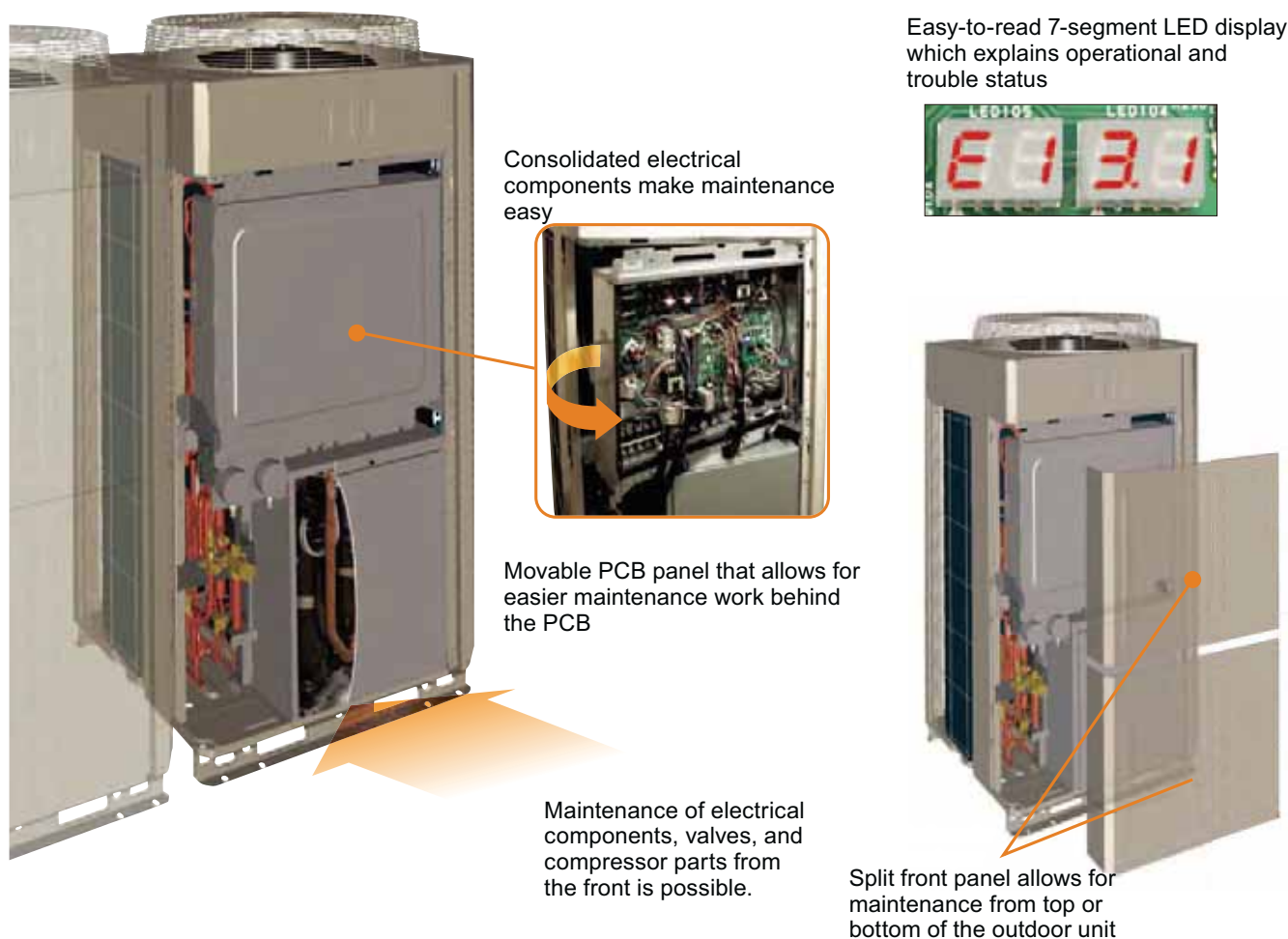


Non-stop oil recovery operation

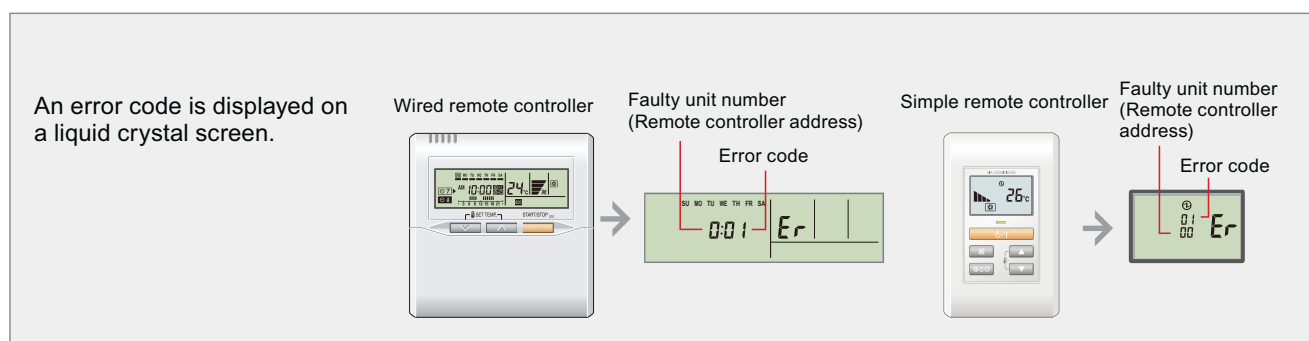


## 1-1-6. EASY SERVICE & MAINTENANCE

### ■ DESIGN FOR EASY SERVICE AND MAINTENANCE

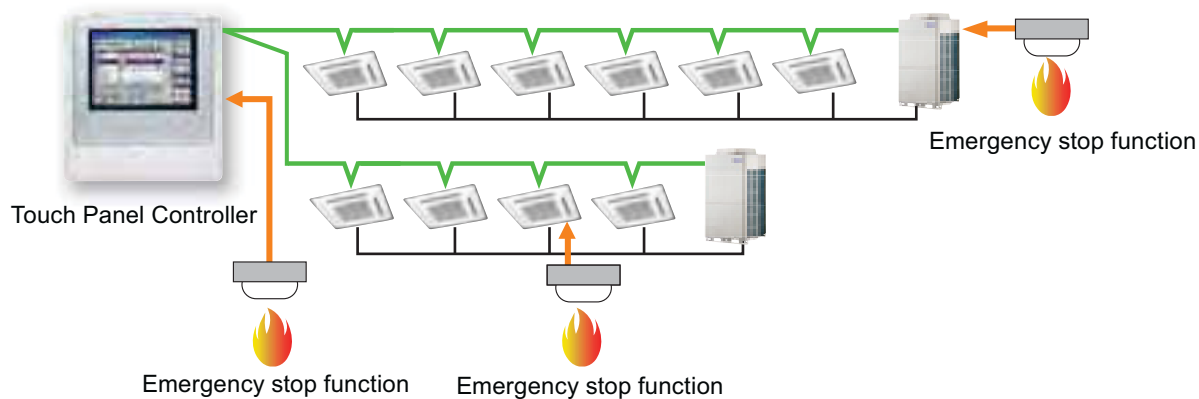


### ■ ERROR STATUS CAN BE CHECKED EASILY VIA THE INDOOR UNIT WIRED CONTROLLER



## ■ EMERGENCY STOP

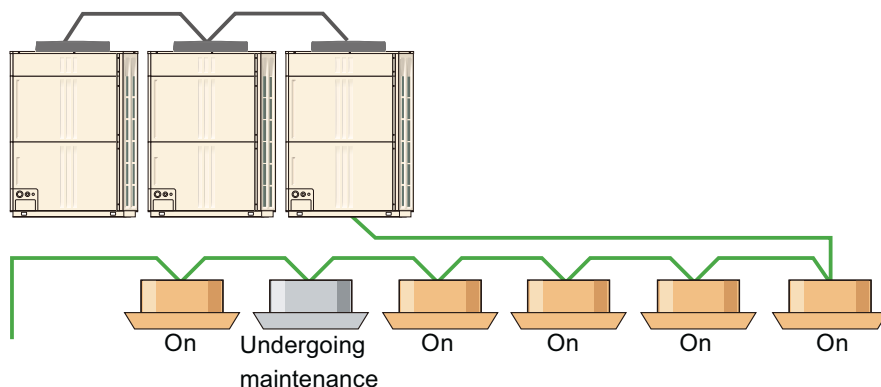
Emergency alarm can be received by indoor, outdoor units or Touch Panel Controller when they received it, all units will be stopped.



Note : In case of received Emergency alarm by Indoor/outdoor unit: All units connected within same refrigerant system will be stopped. Touch Panel Controller: all unit connected within VRF network system with Touch Panel Controller will be stopped.

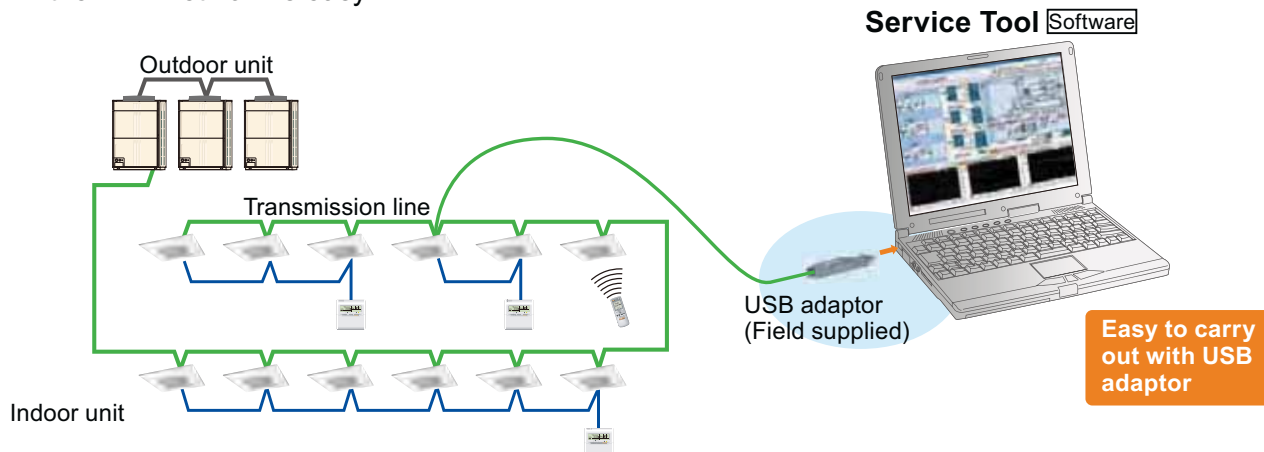
## ■ NON-STOP OPERATION

When servicing a specific indoor unit, maintenance can be performed even without turning off the other indoor units.



## ■ TROUBLE DIAGNOSIS BY SERVICE TOOL

Suitable maintenance is possible by analysis of the operation data. Connection anywhere in the VRF network is easy.







## 1-2. MODEL LINE UP

### 1-2-1. OUTDOOR UNIT

- Extensive line up from 8HP to 48HP in 2HP increments.
- Space saving combination and Energy efficiency combination available, which can be selected to suit any air conditioning needs.

#### ■ LINE UP (SINGLE)

HP	Capacity (kW)	Model name	Chassis
8	22.4	AJ*A72LALH	
10	28.0	AJ*A90LALH	
12	33.5	AJ*108LALH	
14	40.0	AJ*126LALH	
16	45.0	AJ*144LALH	

#### ■ SPACE SAVING COMBINATION

- Combinations other than the followings are prohibited.

HP	Capacity (kW)	Set model name	Unit1 (Model name)	Unit2 (Model name)	Unit3 (Model name)	Maximum connectable indoor unit
8	22.4	AJ*A72LALH	AJ*A72LALH	-	-	15
10	28.0	AJ*A90LALH	AJ*A90LALH	-	-	16
12	33.5	AJ*108LALH	AJ*108LALH	-	-	17
14	40.0	AJ*126LALH	AJ*126LALH	-	-	21
16	45.0	AJ*144LALH	AJ*144LALH	-	-	24
18	50.4	AJ*162LALH	AJ*A90LALH	AJ*A72LALH	-	32
20	55.9	AJ*180LALH	AJ*108LALH	AJ*A72LALH	-	32
22	61.5	AJ*198LALH	AJ*108LALH	AJ*A90LALH	-	32
24	67.0	AJ*216LALH	AJ*108LALH	AJ*108LALH	-	35
26	73.5	AJ*234LALH	AJ*126LALH	AJ*108LALH	-	39
28	78.5	AJ*252LALH	AJ*144LALH	AJ*108LALH	-	42
30	85.0	AJ*270LALH	AJ*144LALH	AJ*126LALH	-	45
32	90.0	AJ*288LALH	AJ*144LALH	AJ*144LALH	-	48
34	95.0	AJ*306LALH	AJ*108LALH	AJ*108LALH	AJ*A90LALH	48
36	100.5	AJ*324LALH	AJ*108LALH	AJ*108LALH	AJ*108LALH	48
38	107.0	AJ*342LALH	AJ*126LALH	AJ*108LALH	AJ*108LALH	48
40	112.0	AJ*360LALH	AJ*144LALH	AJ*108LALH	AJ*108LALH	48
42	118.5	AJ*378LALH	AJ*144LALH	AJ*126LALH	AJ*108LALH	48
44	123.5	AJ*396LALH	AJ*144LALH	AJ*144LALH	AJ*108LALH	48
46	130.0	AJ*414LALH	AJ*144LALH	AJ*144LALH	AJ*126LALH	48
48	135.0	AJ*432LALH	AJ*144LALH	AJ*144LALH	AJ*144LALH	48

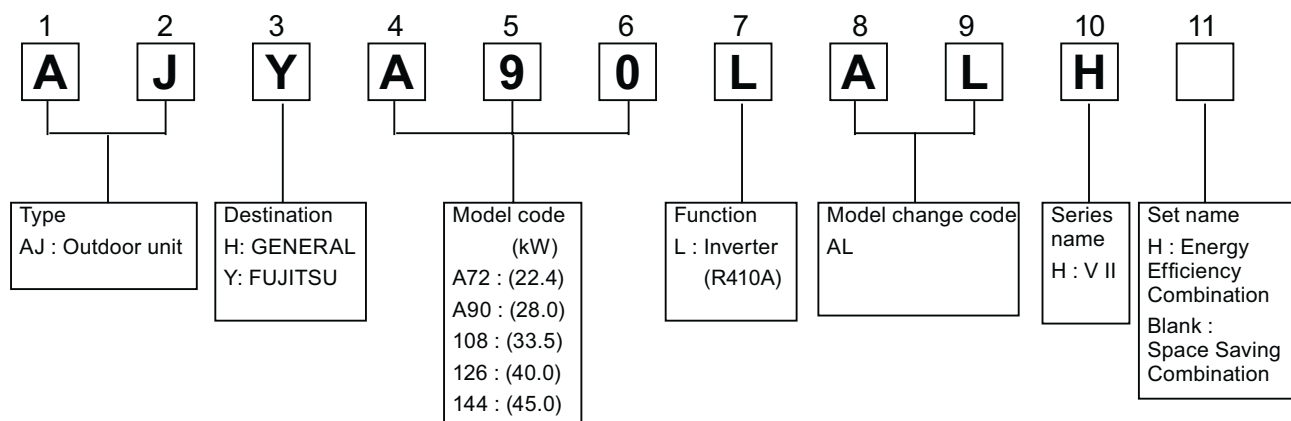


## ENERGY EFFICIENCY COMBINATION

- Combinations other than the followings are prohibited.

HP	Capacity (kW)	Set model name	Unit1 (Model name)	Unit2 (Model name)	Unit3 (Model name)	Maximum connectable indoor unit
16	44.8	AJ*144LALHH	AJ*A72LALH	AJ*A72LALH	-	30
22	62.4	AJ*198LALHH	AJ*126LALH	AJ*A72LALH	-	33
24	67.2	AJ*216LALHH	AJ*A72LALH	AJ*A72LALH	AJ*A72LALH	36
26	72.8	AJ*234LALHH	AJ*A90LALH	AJ*A72LALH	AJ*A72LALH	39
28	78.3	AJ*252LALHH	AJ*108LALH	AJ*A72LALH	AJ*A72LALH	42
30	84.8	AJ*270LALHH	AJ*126LALH	AJ*A72LALH	AJ*A72LALH	45
32	89.4	AJ*288LALHH	AJ*108LALH	AJ*108LALH	AJ*A72LALH	48
34	95.9	AJ*306LALHH	AJ*126LALH	AJ*108LALH	AJ*A72LALH	48
36	102.4	AJ*324LALHH	AJ*126LALH	AJ*126LALH	AJ*A72LALH	48
40	113.5	AJ*360LALHH	AJ*126LALH	AJ*126LALH	AJ*108LALH	48
42	120.0	AJ*378LALHH	AJ*126LALH	AJ*126LALH	AJ*126LALH	48
44	125.0	AJ*396LALHH	AJ*144LALH	AJ*126LALH	AJ*126LALH	48

## MODEL DESIGNATION











## 1-2-2. INDOOR UNIT

### ■ LINE UP (1/2)

Various combinations of types and capacity 12 types 55 models, ranging from 2.2kW to 25.0kW.

Capacity		Compact Cassette	Cassette	Compact Duct	Slim Duct	Low Static Pressure Duct	Duct
kW	Model code						
2.2	07	●		●	●		
2.8	09	●		●	●		
3.6	12	●		●	●		
4.5	14	●		●	●		
5.6	18	●	●	●	●		
7.1	24	●	●		●	●	●
9.0	30		●			●	●
11.2	36		●			●	●
12.5	45		●			●	●
14.0	54		●				
18.0	60						
22.4	72						
25.0	90						

Compact Cassette	Cassette	Compact Duct
AUXB07LALH AUXB09LALH AUXB12LALH AUXB14LALH AUXB18LALH AUXB24LALH 	AUXD18LALH AUXD24LALH AUXA30LALH AUXA36LALH AUXA45LALH AUXA54LALH 	ARXB07LALH ARXB09LALH  ARXB12LALH ARXB14LALH ARXB18LALH 

Slim Duct	Low Static Pressure Duct	Duct
ARXD07LATH ARXD09LATH ARXD12LATH ARXD14LATH  ARXD18LATH  ARXD24LATH   	ARXB24LATH ARXB30LATH ARXB36LATH ARXB45LATH 	ARXA24LATH ARXA30LATH ARXA36LATH ARXA45LATH 

## ■ LINE UP (2/2)

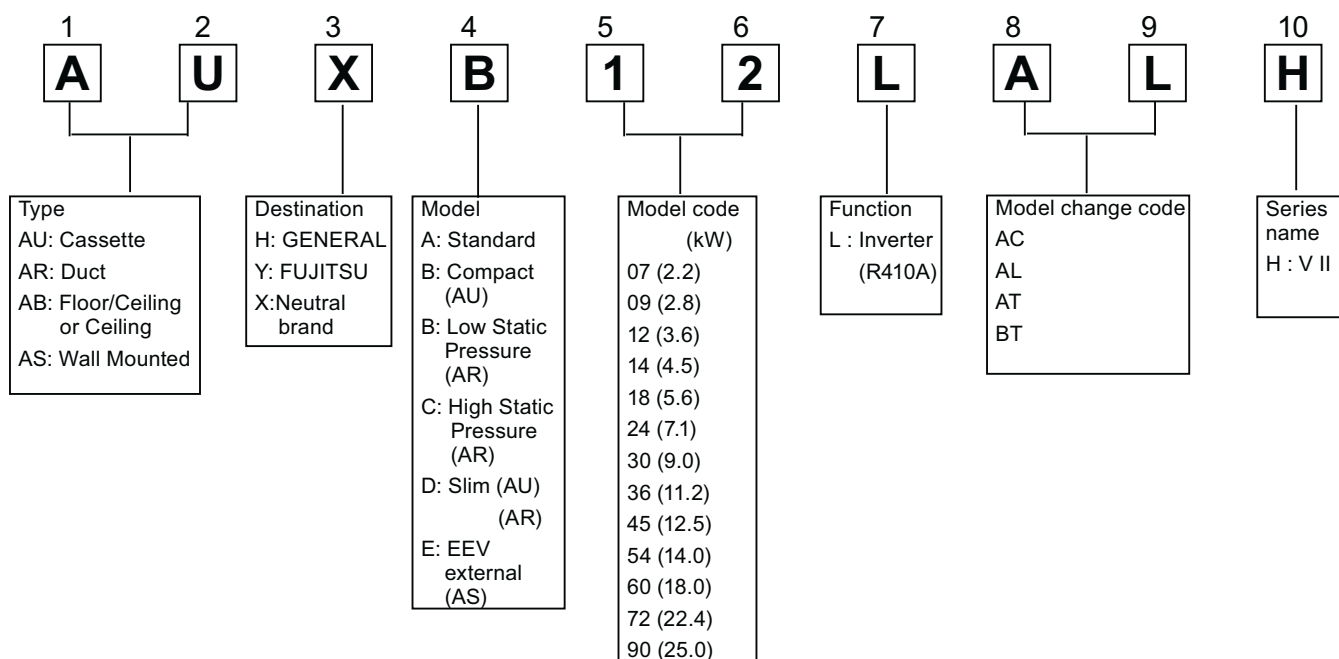
Various combinations of types and capacity 12 types 55 models, ranging from 2.2kW to 25.0kW.

Capacity		High Static Pressure Duct	Floor / Ceiling	Ceiling	Compact Wall Mounted (EEV internal)	Compact Wall Mounted (EEV external)	Wall Mounted
kW	Model code						
2.2	07				●	●	
2.8	09				●	●	
3.6	12		●		●	●	
4.5	14		●		●	●	
5.6	18		●				●
7.1	24		●				●
9.0	30			●			●
11.2	36	●		●			
12.5	45	●		●			
14.0	54			●			
18.0	60	●					
22.4	72	●					
25.0	90	●					

High Static Pressure Duct	Floor / Ceiling	Ceiling
ARXC36LATH ARXC45LATH ARXC60LATH  ARXC72LATH ARXC90LATH	AB*A12LBTH AB*A14LBTH AB*A18LBTH AB*A24LBTH	AB*A30LBTH AB*A36LBTH AB*A45LBTH AB*A54LBTH

Compact Wall Mounted (EEV internal)	Compact Wall Mounted (EEV external)	Wall Mounted
AS*A07LACH AS*A09LACH AS*A12LACH AS*A14LACH	AS*E07LACH AS*E09LACH AS*E12LACH AS*E14LACH	AS*A18LACH AS*A24LACH AS*A30LACH

## ■ MODEL DESIGNATION

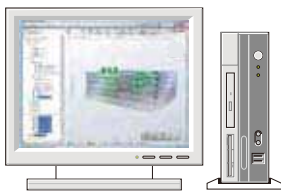





## 1-2-3. CONTROLLER





### ■ LINE UP

Type	Model
System Controller	UTY-APGX
Touch Panel Controller	UTY-DTG*
Central Remote Controller	UTY-DCG*
Group Remote Controller	UTY-CGG*
Wired Remote Controller	UTY-RNK*
Simple Remote Controller (With operation mode)	UTY-RSK*
Simple Remote Controller (Without operation mode)	UTY-RHK*
Wireless Remote Controller	UTY-LNH*

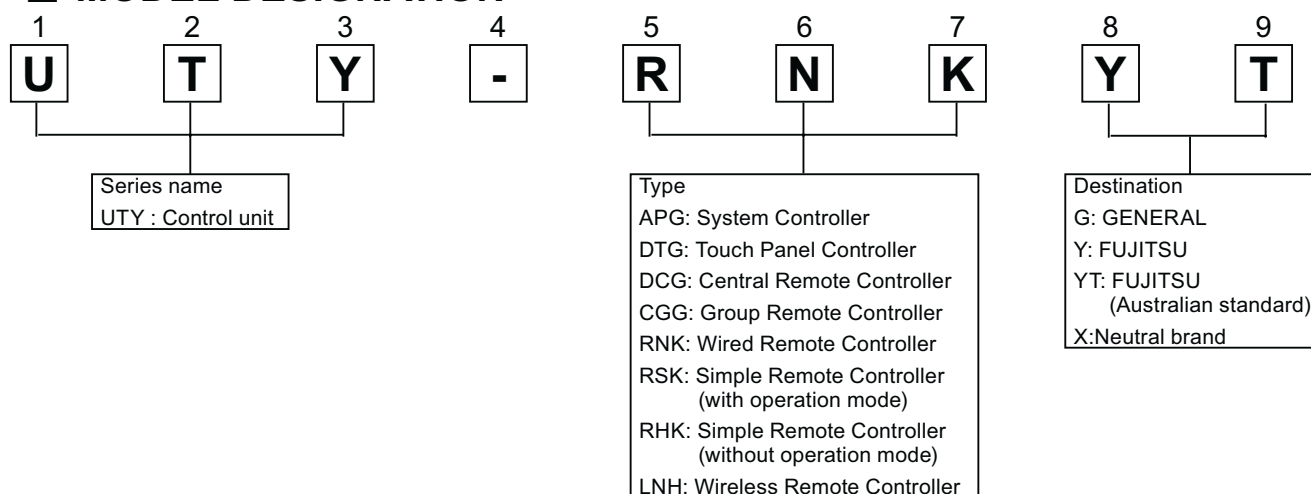
### ■ CENTRAL CONTROL

System Controller	Touch Panel Controller	Central Remote Controller	Group Remote Controller
 <p>UTY-APGX</p>	 <p>UTY-DTG*</p>	 <p>UTY-DCG*</p>	 <p>UTY-CGG*</p> <p>Network Converter (UTY-VGGXZ1) is necessary to connect Group Remote Controller to VRF network system.</p>

### ■ INDIVIDUAL CONTROL

Wired Remote Controller	Simple Remote Controller	Wireless Remote Controller
 <p>UTY-RNK*</p>	<div>(With operation mode) (Without operation mode)</div> <div>   </div> <p>UTY-RSK*      UTY-RHK*</p>	 <p>UTY-LNH*</p>

### ■ MODEL DESIGNATION



## 1-2-4. ADAPTOR / CONVERTOR / MAINTENANCE

### Network Converter

Model : UTY-VGGXZ1



Split type systems can be controlled from a central controller via the convertor.

Group remote controller can be controlled up to 96 indoor units via the convertor.

### Network Converter for LONWORKS®

Model : UTY-VLGX



For connection between VRF network system and a LONWORKS® open network for management of small to medium-sized BMS.

### BACnet® Gateway

Model : UTY-ABGX



The central control of maximum 1600 indoor units can be realized by connecting the VRF network system to the BACnet®, a global standard of the open network.

### Signal Amplifier

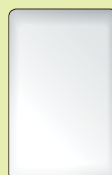
Model : UTY-VSGX



If the total length of transmission line exceeds 500m, or the number of units exceeds 64, Signal Amplifier will be necessary to use.

### External Switch Controller

Model : UTY-TEKX



Air conditioner switching can be controlled by connecting other external sensor switches.

### Service Tool

Model : UTY-ASGX



Extensive monitoring and analysis functions for installation and maintenance. Operation status and error history can be grasped promptly and adequately.

### Web Monitoring Tool

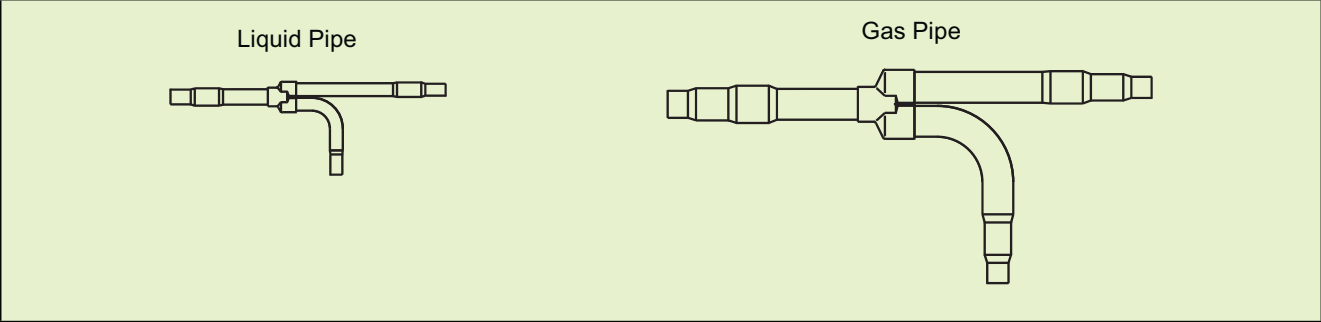
Model : UTY-AMGX



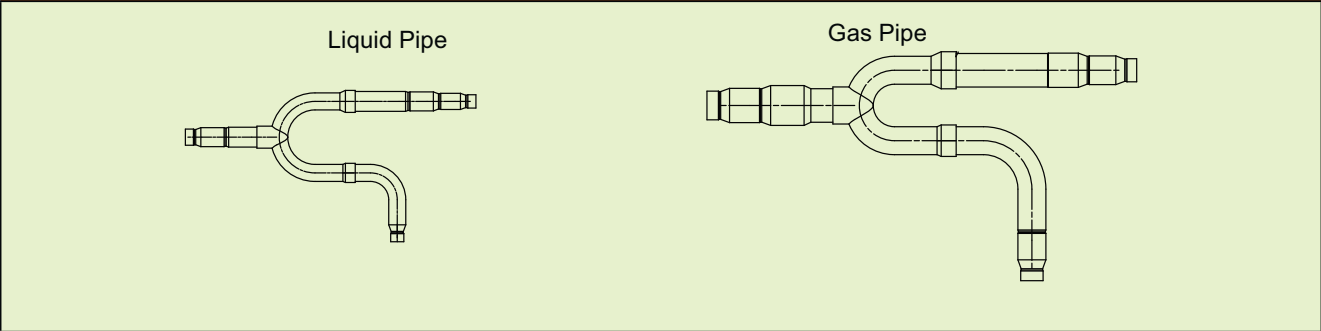
Trouble free operation at all times by web monitoring system. The operation status of the VRF network system within the building can be monitored in real time over the Internet.

# 1-2-5. OUTDOOR UNIT BRANCH KIT

Outdoor Unit Branch Kit Model :UTR-CP567X

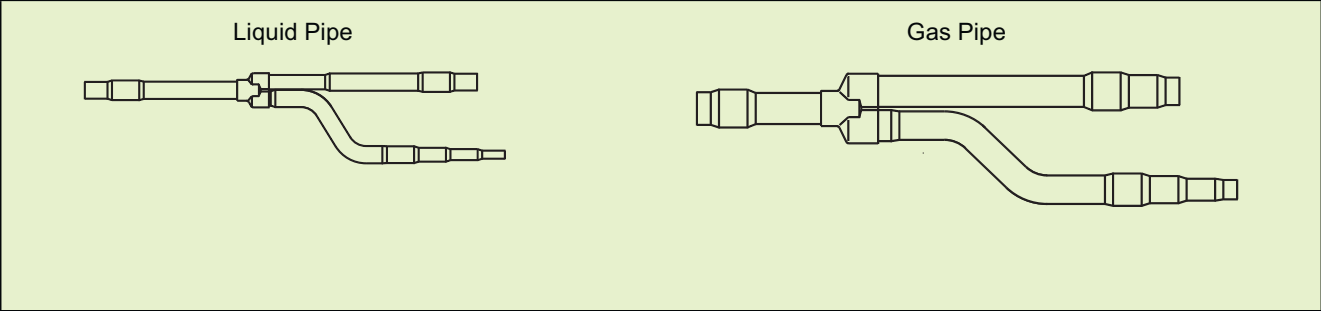


Outdoor Unit Branch Kit Model :UTP-CX567A

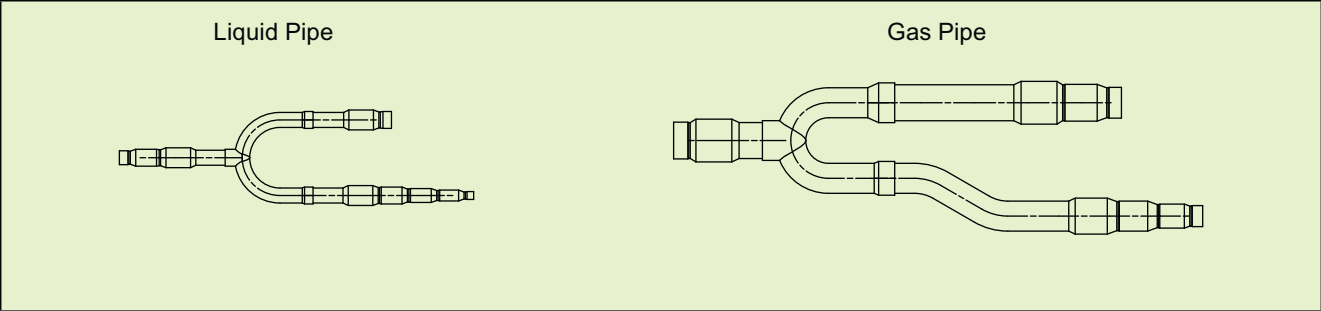


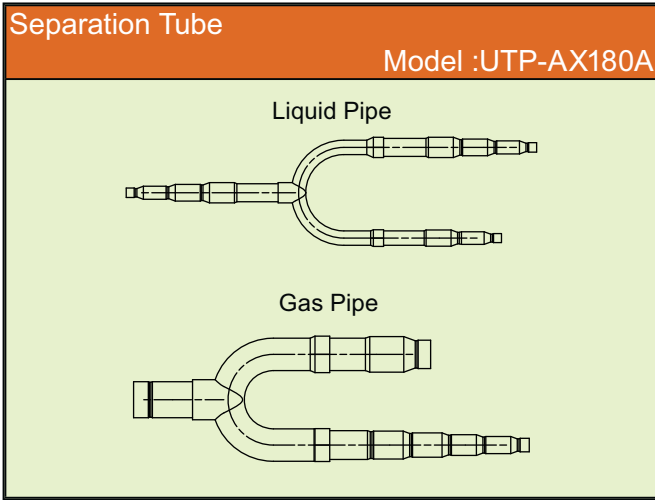
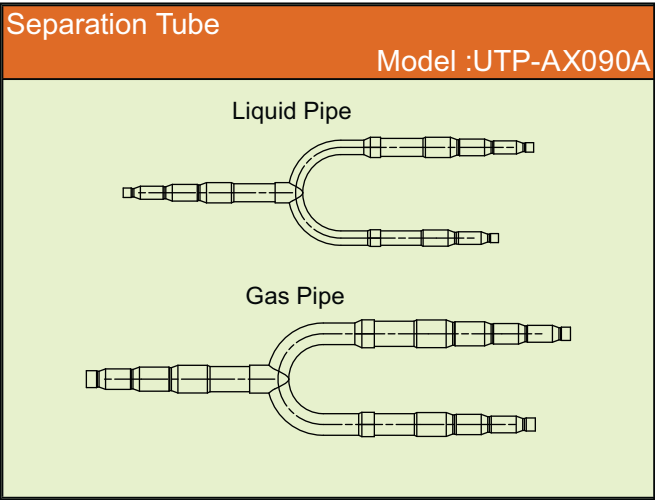
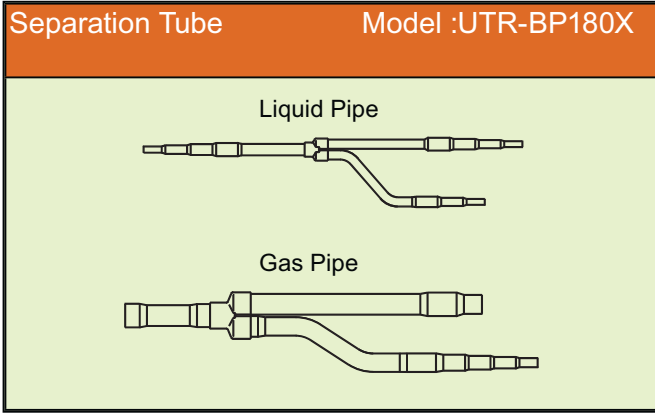
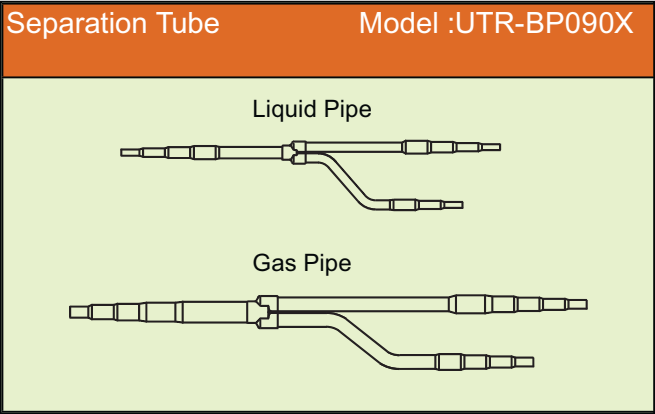
# 1-2-6. SEPARATION TUBE

Separation Tube Model :UTR-BP567X

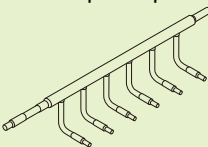
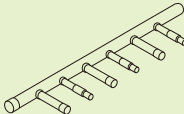
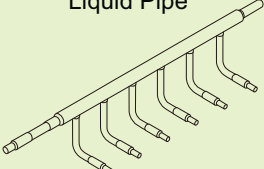
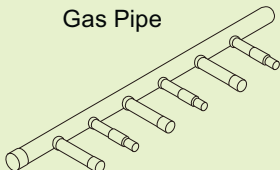
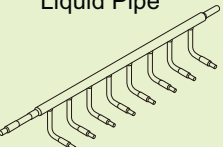
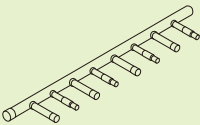
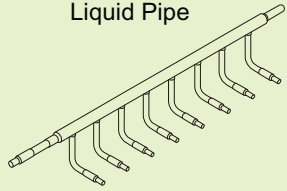
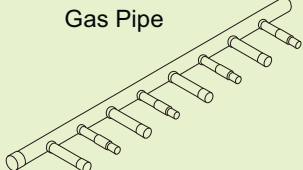


Separation Tube Model :UTP-AX567A





1-2-7. HEADER

Header			
Model : UTR-H0906L	Model : UTR-H1806L	Model : UTR-H0908L	Model : UTR-H1808L
<p>Liquid Pipe</p>  <p>Gas Pipe</p> 	<p>Liquid Pipe</p>  <p>Gas Pipe</p> 	<p>Liquid Pipe</p>  <p>Gas Pipe</p> 	<p>Liquid Pipe</p>  <p>Gas Pipe</p> 



## 1-2-8. EV KIT

EV Kit

Models : UTR-EV09XB  
UTR-EV14XB

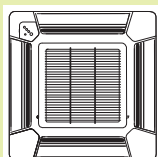


For Compact Wall Mounted type (EEV external type)

## 1-2-9. CASSETTE GRILLE

Cassette grille

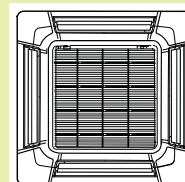
Models : UTG-UFYC-W  
UTG-UFGC-W



For Compact Cassette type

Cassette grille

Models : UTG-UGYA-W  
UTG-UGGA-W



For Cassette type

## 1-2-10. OTHERS (optional parts)

### Flange (Square)

Model : UTD-SF045T

For Low Static Pressure Duct / Duct type  
205 x 1,063 ; L=40 (mm)



### Flange (Round)

Model : UTD-RF204

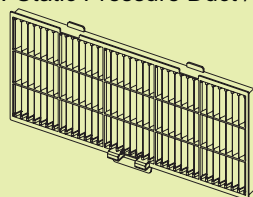
For Low Static Pressure Duct / Duct / Ceiling type  
ø195 (ø205) ; L=85 (mm)



### Long-life Filter

Model : UTD-LF25NA

For Low Static Pressure Duct / Duct type

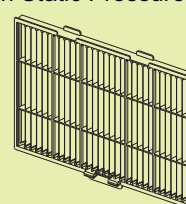


x 2 pcs

### Long-life Filter

Model : UTD-LF60KA

For High Static Pressure Duct type



For ARXC36  
For ARXC45  
For ARXC60

x 2 pcs

### Drain Pump Unit

Models : UTZ-PX1BBA \*1  
UTZ-PX1NBA \*2



\*1 For Compact Duct type

\*2 For Low Static Pressure Duct type / Duct type

### Drain Pump Unit

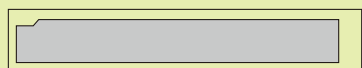
Model : UTR-DPB24T



For Ceiling type

### Air outlet shutter plate

Models : UTR-YDZB



For Compact Cassette type

### Air outlet shutter plate

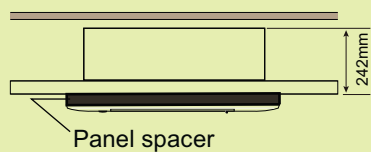
Models : UTR-YDZC



For Cassette type

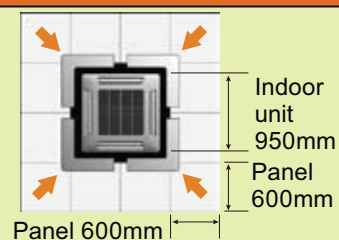
## Panel spacer

Model : UTG-BGYA-W



## Wide panel

Model : UTG-AGYA-W



## IR Receiver Unit

Models: UTB-YWB, UTB-TWB \*1  
Models: UTB-YWC, UTB-TWC \*2



\*1: For all Duct type (Except for Slim Duct)

\*2: For all Duct type

## IR Receiver Unit

Models : UTY-LRHYB1  
UTY-LRHGB1



For Cassette type

## Remote Sensor Unit

Model : UTD-RS100



Thermo-sensor for sensing the  
temperature of arbitrary place  
in the room

## Fresh air intake kit

Model : UTZ-VXAA



For Compact Cassette type

## Fresh air intake kit

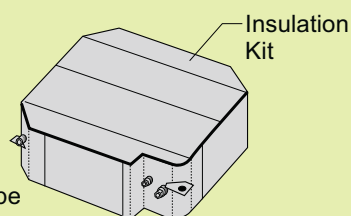
Model : UTZ-VXGA



For Cassette type

## Insulation Kit for High Humidity

Models : UTZ-KXGA \*1  
UTZ-KXGB \*2  
UTZ-KXGC \*3



\*1 For Cassette type

\*2 For Slim Cassette type

\*3 For Compact Cassette type

## Auto louver grille kit

Models : UTD-GXSA-W \*1  
UTD-GXSB-W \*2  
UTD-GXSC-W \*3



\*1 For Slim Duct (07-14 models)

\*2 For Slim Duct (18 model)

\*3 For Slim Duct (24 model)

## 1-3. REVISION CODE

### ■ ABOUT REVISION CODE

The following functions are different according to Revision code.

		Revision code		Remarks
		None or A	B / C	
Outdoor unit	Energy-saving level Level 5 (Limited at 100%)	×	○	
	Back up operation	×	○	
	Electricity meter installation	×	○	Electricity meter can be set up in Terminal CN135.
	Energy saving software UTY-PEGX	×	○	
Indoor unit	Forced stop function	×*1	○	
	Energy saving software UTY-PEGX	×	○	
	Setting of Auto louver grille kit (option)	×*2	○	For Slim duct type only

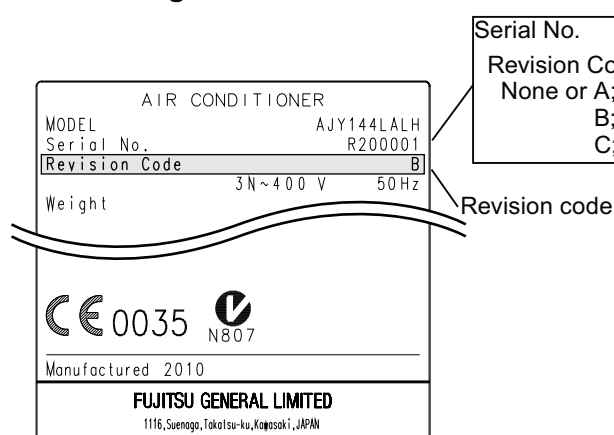
\*1: ARXD07, 09, 12, 14, 18, 24LATH (Slim Duct), AB\*A12, 14, 18, 24LBTH (Floor/Ceiling), AB\*A30, 36, 45, 54LBTH (Ceiling), AS\*A18, 24, 30LACH (Wall Mounted) are available regardless of revision code.

\*2: Auto louver grille kit doesn't operate correctly when setting it to indoor unit other than Revision code B.

### ■ METHOD OF DISTINGUISHING REVISION CODE

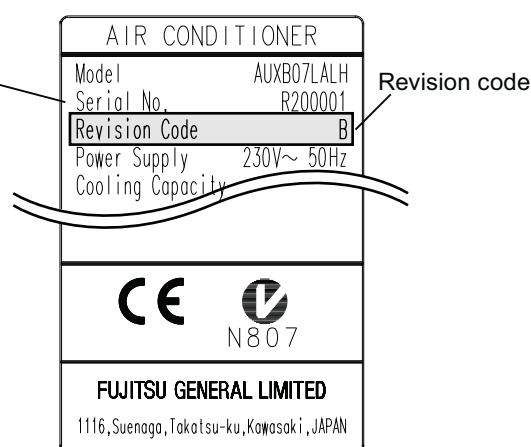
#### ● Outdoor unit

##### Rating Label

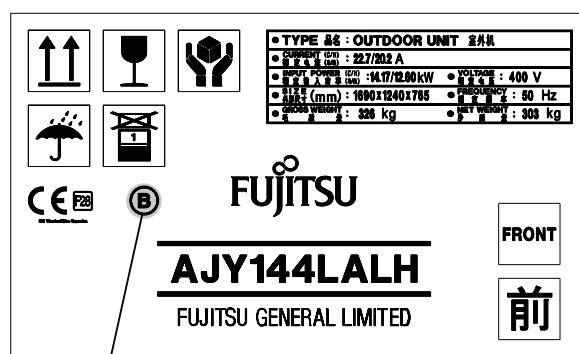


#### ● Indoor unit

##### Rating Label



##### Carton Label



Revision code

##### Carton Label



Provided By Airconstruct  
<http://www.Airconstruct.com.au>