

Perfecting the Air

Heavy Anti-corrossion

**VRV MAX**

- Maximize Anti-corrosion
- Maximize Performance
- Maximize Lifespan Drastic Reduction in Total Life Cycle Cost.



VRV X MAX

- > RXUQ6~20AY15W
- > RXUQ12~60AMY15W

VRV A MAX

- > RXQ6~20AY15W
- > RXQ18~60AMY15W



# Reliable and Stable System

## VRV MAX Heavy anti-corrosion model

New

**VRV X MAX**  
RXUQ6~20AY1SW  
RXUQ12~60AMY1SW

New

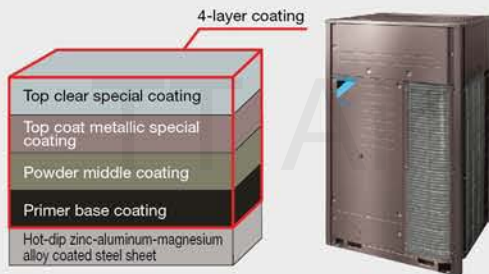
**VRV A MAX**  
RXQ6~20AY1SW  
RXQ18~60AMY1SW



### Maximize anti-corrosion and performance Outer casing

#### Multi coating for extreme durability

The hot-dip Zinc-Aluminum-Magnesium alloy coated sheet is optimized for even greater durability with an additional four-layer coating combination.



#### Anti-corrosion verification by accelerated test

Although the previous anti-corrosion model is rusted, the VRV MAX outer casing shows no signs of corrosion in either test.

#### Salt Spray Test

Previous model **VRV A MAX**



✗:Corrosion



✓:No corrosion

#### CASS Test

Previous model **VRV A MAX**



✗:Corrosion



✓:No corrosion

\*The cross cut was made in order to simulate a severe case of coating damage and corrosion (not from regular usage).

### Heat exchanger (Fin)

#### Anti-corrosion technology

The aluminum fins on VRV MAX are manufactured with thicker anti-corrosion layer including an additional two-layer coating.

#### CASS Test

Standard model

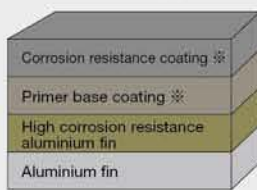


✗:Corrosion

**VRV MAX**



✓:No corrosion



※ (outside area only)

#### High performance technology

#### 21% thicker aluminum fins

New aluminum fins are 21% thicker to maintain performance.



**Achieves both  
anti-corrosion  
and high efficiency**

#### Automated fin coating line

To prevent differences in coating thickness caused by manual application, the additional fin coatings are performed on the latest automated assembly line, maintaining high precision and quality.

# Maximize lifespan

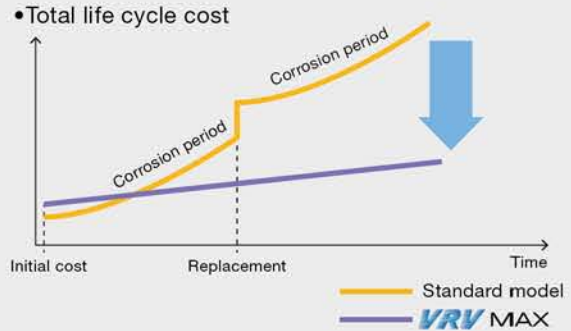
Only outer casing and fins are certified by a 3rd party for their durability.

## Anti-corrosion test obtained UL certification

Certified as high durability for corrosivity category C5 as defined in ISO 12944-6:2018.



The new model resists corrosion by salt, maintains performance, and greatly reduces life cycle costs.



## VRV MAX : Built for seaside

	Previous model	VRV MAX
Type	Anti-corrosion	Heavy Anti-corrosion for ASEAN
Installation example	<p>The previous generation of anti-corrosion model must be installed at least 300 m away from the sea in a location not in direct contact with sea wind.</p>	<p>VRV A MAX can be installed right by the sea, as long as the unit does not get into contact with seawater, allowing for more flexibility in installation.</p>
Distance	300 - 1,000 m	1,000 m or less

## Specifications of anti-corrosion model

Item	Parts	Standard model	VRV MAX	
1	Sheet metal casing	Outer casing	Hot dip zinc coated sheet + powder coating	Hot-dip zinc-aluminum-magnesium alloy-coated steel sheet + Primer base coating + Powder middle coating + Top coat metallic special coating (metallic brown) + Top clear special coating
2	Discharge grille • Protection net	Low Density Polyethylene (LDPE) coating		
3	Fasteners	Mild sheet with zinc-nickel plating	SUS410 + zinc-nickel plating + geomet process	
4	Heat exchanger	Copper tube + Standard aluminum fin	Copper tube + Anti-corrosion aluminum fin	
5	Aluminum fin	Aluminum fin + Hydrophilic anti-corrosion	Aluminum fin + High corrosion resistance aluminum fin + Primer base coating (outside area only) + Corrosion resistance coating (outside area only)	
6	Heat exchanger end plate	Hot-dip zinc-aluminum-magnesium alloy-coated steel sheet without coating	Hot dip zinc coated sheet + corrosion resistance polyurethane coating	
7	Fan motor stand • Electric box • Inner casing sheet metal	Galvanized iron sheet	Hot dip zinc coated sheet + corrosion resistance polyurethane coating	
8	Fan • Fan motor	Resin fan + resin casing motor		
9	Pressure vessel (oil separator)	Hot rolled sheet steel + painting	Hot rolled sheet steel + Double rust inhibitor coating with additional touch-up paint	
10	Printed circuit board	Both side resin coating	Expanded both side resin coating	

**Warning**

- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

**Cautions on product corrosion**

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

# TT Air Engineering

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VRV is a trademark of Daikin Industries, Ltd.

VRV Air Conditioning System is the world's first individual air conditioning system with variable refrigerant flow control and was commercialised by Daikin in 1982.

VRV is the trademark of Daikin Industries, Ltd., which is derived from the technology we call "variable refrigerant volume."

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