

# Heavy Anti-corrosion



**VRV MAX**

- Maximize Lifespan
- Maximize Performance
- Maximize Anti-corrosion



**VRV X MAX**

RXUQ6~20AYMW

RXUQ12~60AM(1)YMW

**VRV A MAX**

RXQ6~20AYMW

RXQ18~60AMYMW

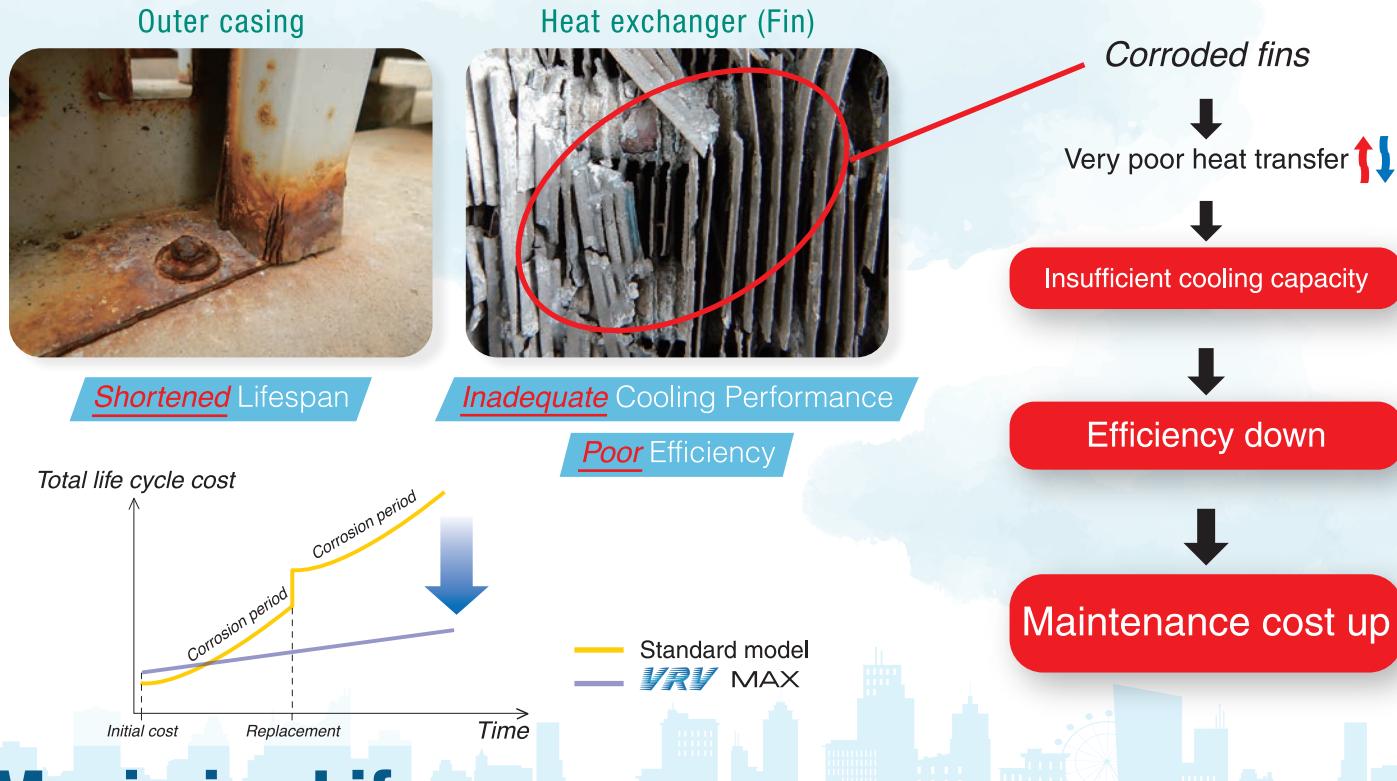
COOLING ONLY 50Hz

**R-410A**

# Drastic Reduction in Total Life Cycle Cost

Corrosion often becomes a problem for air conditioners near the ocean. Corrosion damage reduces their efficiency and cooling capacity over time, and eventually leads to high replacement costs.

**VRV MAX** is built to withstand corrosion, eliminating the replacement cost in the long run.



## Maximize Lifespan

Enhanced fins and casing are certified by a 3<sup>rd</sup> party for **MAX** product life.

**Note:** Product life depends on installation location and operating conditions.



Heat exchanger and casing withstand 25 years\* of simulated high salinity, humidity atmosphere, and atmospheric corrosivity.

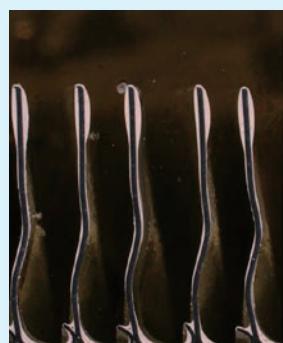
Certified C5 high level in durability range of corrosivity category as defined in ISO12944-6:2018.

\*This number of years is not the warranty period of the product.



## Maximize Performance

In the past, anti-corrosion coating typically reduced heat-exchanging property of the fins and performance.



**NEW** aluminium fins  
are **21%** thicker to maintain performance.

**VRV MAX** is developed with innovative automated fin coating technique that makes the fins resistant to corrosion and maintains high performance, even with the additional coating.

# Maximize Anti-corrosion <Multi coating for extreme durability>

## Outer casing

**VRV MAX** utilises hot-dip Zinc-Aluminum-Magnesium alloy coated steel sheet for superior corrosion resistance, with additional four-layer coating for even greater durability.



### Salt Spray Test

The coating of previous anti-corrosion model peeled away around the cross-cut areas, whereas **VRV MAX** shows no sign of corrosion.

Previous model



✗ : Corrosion

**VRV MAX**



✓ : No corrosion

### CASS Test

**VRV MAX** also shows no sign of corrosion from Copper Accelerated Acetic Acid Salt Spray Test, while the previous anti-corrosion model got corroded in damaged areas.

Previous model



✗ : Corrosion

**VRV MAX**



✓ : No corrosion

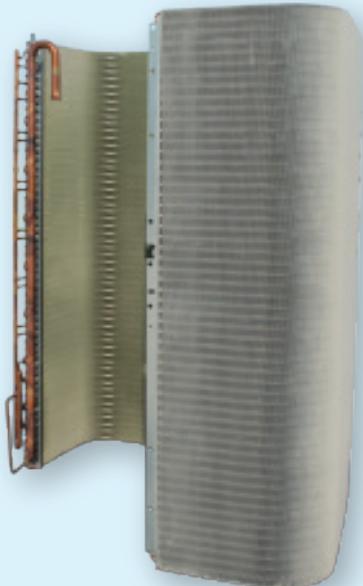
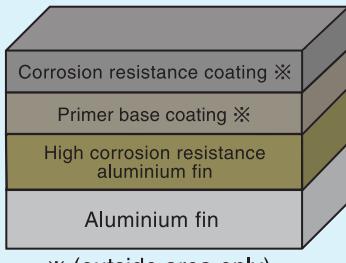
## Heat exchanger (Fin)

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

Standard model



**VRV MAX**



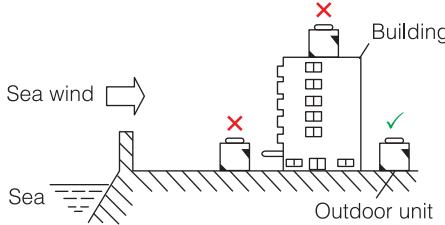
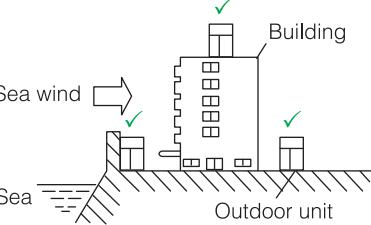
### CASS Test



✗ : Corrosion



✓ : No corrosion

Previous model		<b>VRV MAX</b>
Type	Anti-corrosion	Heavy Anti-corrosion for ASEAN
Installation example	 <p>The previous generation of anti-corrosion model must be installed at least 300m away from the sea, in a location not in direct contact with sea wind.</p>	 <p><b>VRV MAX</b> 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	300~1000m	From 0m

## Specifications of Anti-corrosion Model

Item	Parts	Standard model	<b>VRV MAX</b>
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 grill • 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 aluminium fin	Copper tube + Anti-corrosion aluminium fin
5	Aluminium fin	Aluminium fin + Hydrophilic anti-corrosion	Aluminium fin + High corrosion resistance aluminium 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

**DEALER RESMI**
**DCC 0800 1 081 081  
DAIKIN CONTACT CENTER**
**Jam Beroperasi:**

Senin - Jumat: 07:00 - 19:00 WIB

Sabtu - Minggu &amp; Libur Nasional: 07:00 - 17:00 WIB

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 Menara Astra 7th & 8th Floor, Jl. Jenderal Sudirman Kav. 5-6,  
 Kel. Karet Tengsin, Kec.Tanah Abang, Jakarta Pusat, DKI Jakarta - 10220  
 Telp : +6221 8665 6886 | Website : [www.daikin.co.id](http://www.daikin.co.id)

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