

# VRV IV+ Heat Pump Models

RXYQ-U / RYYQ-U / RYMQ-U / RXYQQ-U

February 2019

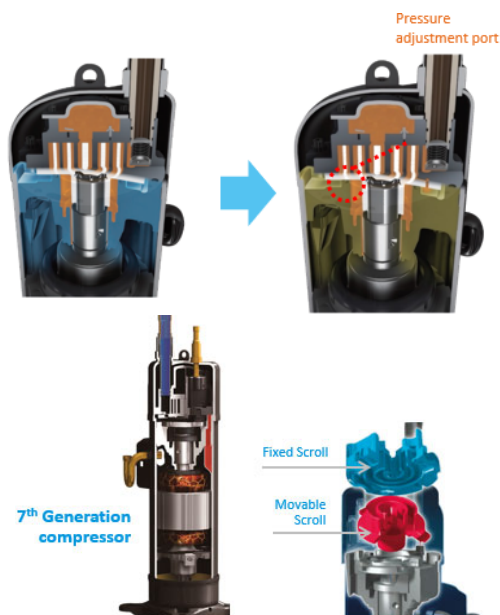
The latest technological advancement from Daikin delivers the most efficient VRV on the market today, with an increased efficiency of 15% compared with the current model.

## Features and benefits

VRV IV+ Heat Pump ranges come with improved seasonal efficiency values according to ENER Lot21 ( $\eta_{s,c}$  &  $\eta_{s,h}$ ) compared to current VRV4 with an average improvement of **15%** in cooling and 13% in heating. In addition, free combinations up to 54HP provide additional flexibility to design and plantroom available space.

## New Compressor

In the heart of VRV IV+, a **newly designed 7<sup>th</sup> generation compressor** is used to improve energy efficiency. In addition, a **new pressure adjustment port** implements the latest technology in refrigerant control under low partial load, leading to top seasonal efficiency and performance.



A type → B type → D type → F type → G type → J type → K type

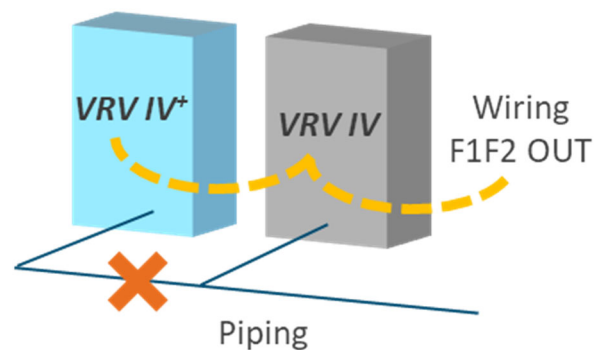
## Redesigned refrigerant distribution

VRV IV+ uses a 4-side heat exchanger with new capillary design for optimised refrigerant distribution, providing the smoothest performance in any system loading.



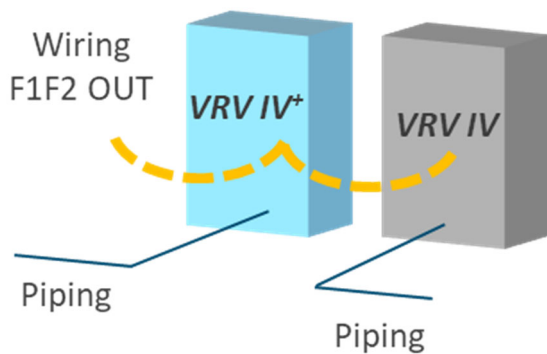
## Compatibility

VRV IV+ is **not compatible** with VRV IV and therefore **cannot be used in the same refrigerant piping** (modular system combination) to either replace a current VRV IV or extend a currently installed VRV IV modular system to a larger one.



## Connectivity

VRV IV+ is **fully compatible with all current Daikin Controllers** and as such, it is **possible** to control a VRV IV system and a VRV IV+ system from the same Daikin Centralised Controller with common wiring connection:



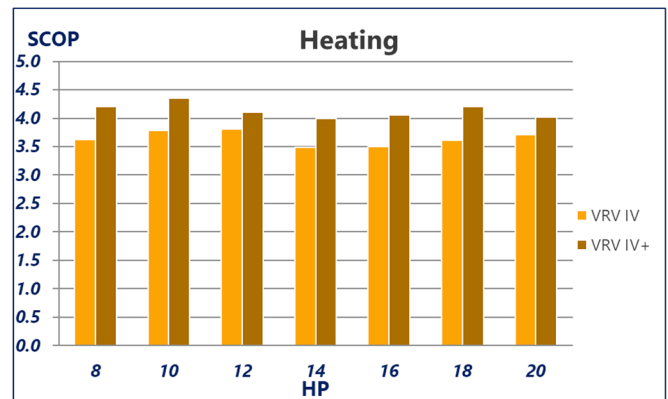
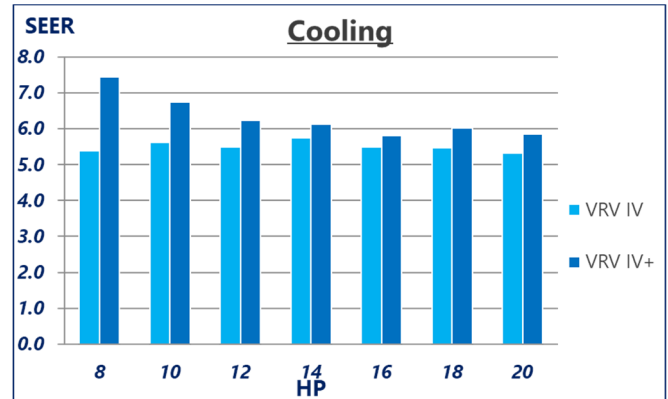
## Availability and codes

VRV IV+ will be available shortly for quotations, with the following updated codes

Range	Material Name	Range	Material Name
VRV HP Continuous Heating Single	RYYQ8U	VRV HP Non Continuous Heating	RXYQ8U
	RYYQ10U		RXYQ10U
	RYYQ12U		RXYQ12U
	RYYQ14U		RXYQ14U
	RYYQ16U		RXYQ16U
	RYYQ18U		RXYQ18U
	RYYQ20U		RXYQ20U
VRV HP Continuous Heating Multi	RYMQ8U	VRV-Q HP Replacement	RXYQQ8U
	RYMQ10U		RXYQQ10U
	RYMQ12U		RXYQQ12U
	RYMQ14U		RXYQQ14U
	RYMQ16U		RXYQQ16U
	RYMQ18U		RXYQQ18U
	RYMQ20U		RXYQQ20U

## Comparison with VRV IV

The VRV IV+ has an overall increased efficiency of around **15%** compared with current VRV IV.



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