



VRV IV S-series

# The Smart System For your Home

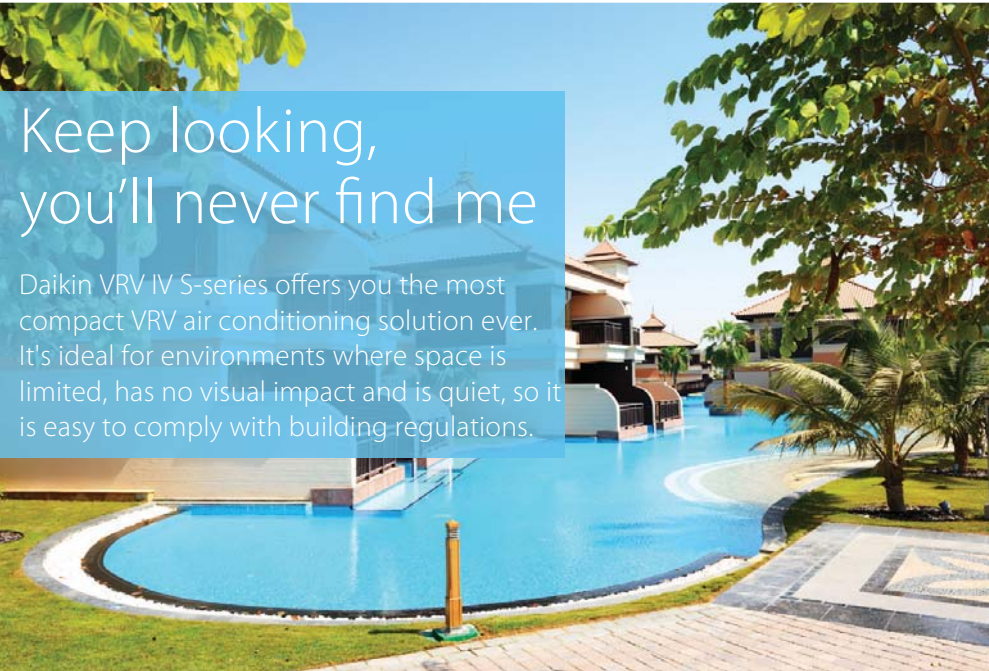


Compact VRV IV heat pumps for residential applications

High Ambient

# Why choose Daikin VRV IV S-series?

**You can install highly efficient, reliable Daikin air conditioning VRV systems in the most restricted locations. Because these outdoor units are compact and can fit in tight places.**



## Compact

- ✓ Unique VRV outdoor solution
- ✓ Compact units with a small footprint integrate seamlessly into surrounding architecture.
- ✓ Total flexibility for any location or type of property due to the unlimited possibilities of our solutions. solutions.
- ✓ Ideal for built-up areas where outdoor space is limited as the unit is easy to hide.
- ✓ Outdoor air conditioning units can now be fitted where this was previously not an option.
- ✓ Easy to comply with planning regulations, where AC units can not be visible by public or from street level.

## Daikin VRV efficiency, comfort and control

- ✓ Highest seasonal efficiency rating in their class (ESEER), reducing energy, costs and CO<sub>2</sub> emissions
- ✓ Unique Variable Refrigerant Temperature eliminates cold draughts and continuously adjusts unit operation to the actual conditions, maximising seasonal efficiency
- ✓ Centralised, easy to use controls ensure optimum operation, maximising efficiency and comfort
- ✓ Energy monitoring to follow up energy use.

## Quiet

- ✓ Highly suited for residential areas thanks to their low operating sound.

## Leading after-sales support

- ✓ Direct support from Daikin wherever you need it.
- ✓ Professional selection tools and excellent expert support, reduce installation time, ensuring optimum operation and lower running costs

## Flexible installation

- ✓ Lightweight units reduce installation time and effort
- ✓ Compact units extend the installation options

# VRV IV S-series

Keep a low profile

**VRV IV S-series units are an ideal solution when outdoor space is restricted because they are easy to hide, thus minimising both visual and sound impact. Their design overcomes the challenges that aesthetics and regulations can impose.**

## Space saving

### Lower height than regular VRV

The VRV IV S-series units fit easily behind low wall because they fit have the lowest height in the market.



12/10 HP

8 HP

## Seasonal efficiency

The VRV IV S-series units have the best seasonal efficiency in the class, reducing both energy consumption and costs.

## Subtle

The Daikin VRV IV S-series units are ideal for installation on a balcony or behind a parapet as they are side discharge units which eliminates the need for any ducting saving on installation costs.





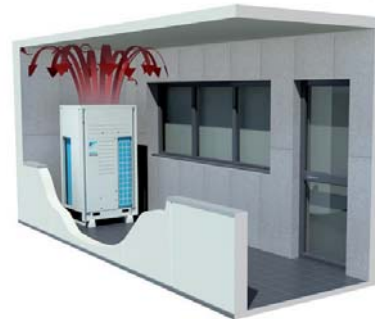
Daikin VRV IV S-series compact units can be installed in a wide variety of locations and applications such as behind a parapet or low wall yet remain entirely invisible from street level thanks to their compact dimensions.

# Ideal for balcony installation

The ideal choice for a balcony installation because as the Daikin VRV IV S-series units are front blow units, the air is blown away from the balcony, minimising any turbulence and ensuring optimum operation.

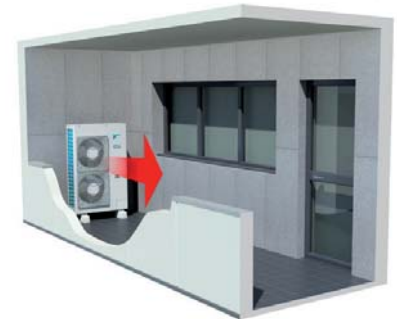
On top of that the small footprint makes it the natural choice for the typically limited space available on balconies.

Standard VRV IV (top blow)



versus

VRV IV S-series



## Total solution



Slim Duct



Fully flat cassette



Wall Mounted unit



Round Flow Cassette



Intelligent Touch Manager



Air handling unit ventilation

## Our range of small-footprint units



8-10-12HP  
(three phase)

## A wide range, big on features

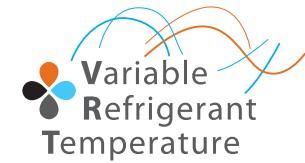
They may be discreet, but Daikin VRV IV S-series units stand out when it comes to benefits they deliver. They provide the perfect indoor climate, while remaining totally discreet from the outside. If you need efficient and effective air conditioning from a completely unnoticeable unit, look no further.

- ✓ A wide range of stylish indoor units can be connected connected.
- ✓ A total air conditioning solution integrating air handling units.
- ✓ Complete reliability thanks to refrigerant-cooled PCB
- ✓ Suitable for residential projects from 150 to 200 m<sup>2</sup> and beyond.
- ✓ Lighter weight unit is easy to install and handle
- ✓ A perfect match for any application thanks to the wide range of small-footprint units



The unit can be installed out of sight and earshot of the house thanks to the long piping length

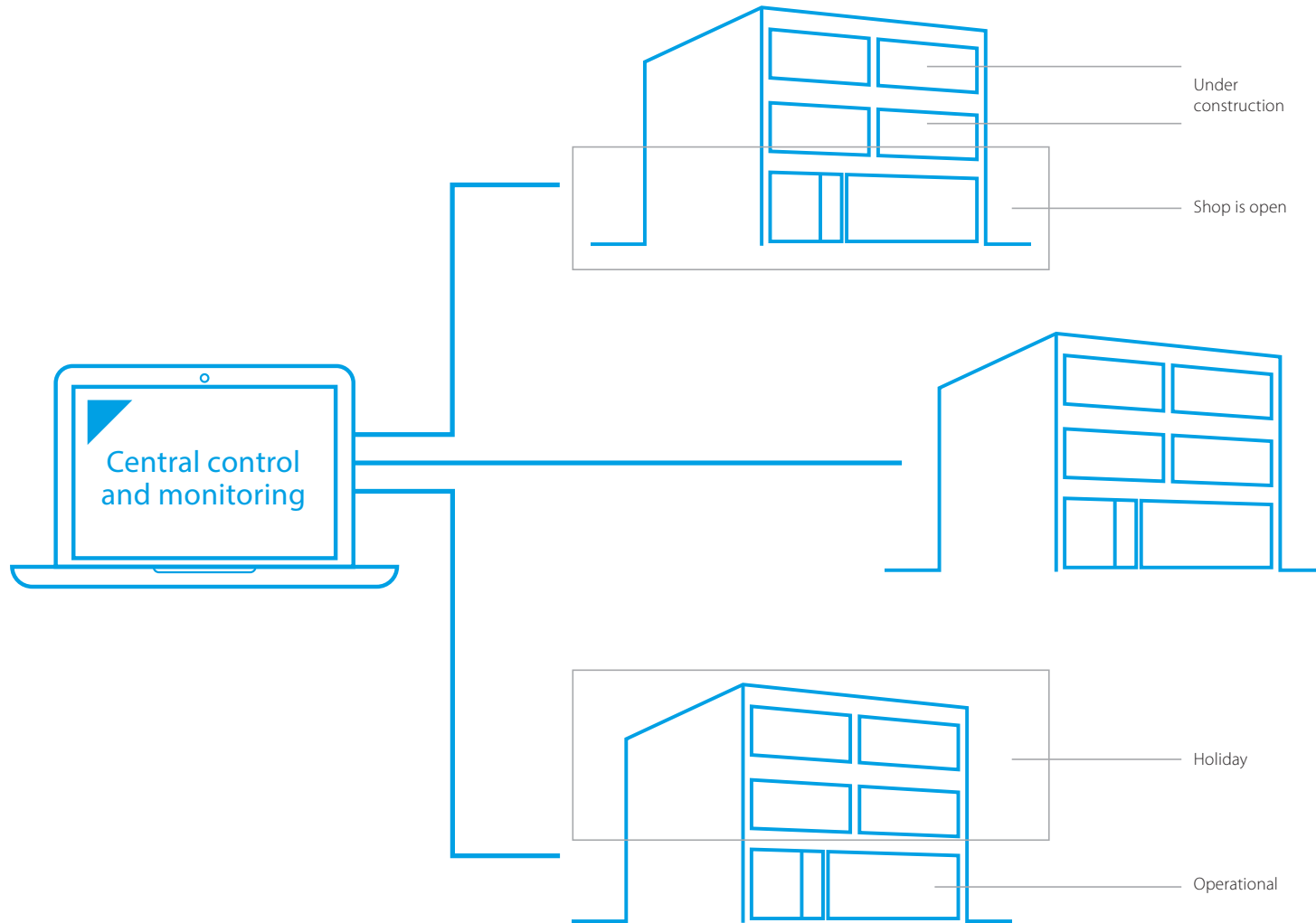




## A true VRV IV

- ✓ Unique Variable Refrigerant Temperature for maximum customised comfort, efficiency and intelligent control tailored to your individual needs
- ✓ Zoning control individual areas of your property for maximum efficiency
- ✓ Zone by zone installation tailored to the needs of the building
- ✓ Multiple systems can be configured and controlled consistently from a central location
- ✓ VRV configurator for quick and easy commissioning of one or multiple systems

## Zone by zone installation



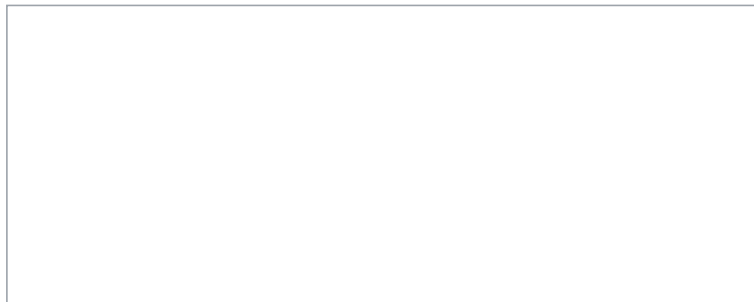
## Control of individual areas

## Specifications

Outdoor unit			RXYSQ-	8TY1	10TY1	12TY1
Capacity range			HP	8	10	12
Cooling capacity		Nom. @ 35° C	kW	22.4	28	33.5
Heating capacity		Nom.	kW	22.4	28	33.5
Power input - 50Hz	Cooling	Nom.	kW	6.12	8.24	10.2
	Heating	Nom.	kW	5.20	6.60	8.19
		Max.		6.22	8.33	10.2
EER				3.66	3.59	3.55
Maximum number of connectable indoor units				17 <sup>(1)</sup>	21 <sup>(1)</sup>	26 <sup>(1)</sup>
Indoor index connection		Min.		100	125	150
		Nom.		200	250	300
		Max.		260	325	390
Dimensions	Unit	Height x Width x Depth	mm	1210	1740	
				420	560	
				1030	199	
Weight	Unit		kg	145	165	170
Operation range	Cooling	Min. / Max.	°CDB	-5 / 52		
	Heating	Min. / Max.	°CWB	-20 / 15.5		
Sound power level	Cooling	Nom.	dBA	73	74	76
Sound pressure level	Cooling	Nom.	dBA	55	55	57
Refrigerant	Type			R-410A		
	Charge		Kg / TCO2eq	4.5 / 9.3	7 / 14.6	8 / 16.7
Piping connections	Liquid	OD	mm	9.52		12.7
	Gas	OD	mm	19.1	22.2	25.4
	Total piping length	Max.	m	300		
	Maximum piping length	OD - ID	m	100		
	Maximum vertical height	OD - ID	m	50		
Power supply	Phase / Frequency / Voltage		Hz / V	3~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	25		32

(1) with VRV indoor units

 Contains preliminary data



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