



*VRV IV S-series*

Keep looking  
you'll never find me

Compact VRV IV heat pumps  
for residential and light commercial applications

# 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 invisible from street level.**



Keep looking,  
you'll never find me

Daikin VRV IV S-series offers you the most compact VRV air conditioning solution ever. It's ideal for environments where space is limited, has no visual impact and is quiet, so it is easy to comply with building regulations.

## 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 of 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, the best solution for urban locations such as homes, banks, shops or almost any other application you can think of

## 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 and compare different properties (for commercial properties)

## Quiet

- ✓ Highly suited to densely populated areas such as city centres thanks to their low operating sound
- ✓ Low noise modes reduce sound further to comply with inner-city noise regulations

## Leading after-sales support

- ✓ Support wherever you need it, from the widest network of highly trained professionals
- ✓ Professional selection tools and excellent expert support reduce installation time, ensuring optimum operation and lower running costs
- ✓ A single point of contact, even for multiple properties in multiple countries

## 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

### The lowest unit in the market

The VRV IV S-series compact units fit easily behind low walls because they are the lowest on the market with a height of less than 1m, including the supporting legs.

## 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 front blow 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, 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)



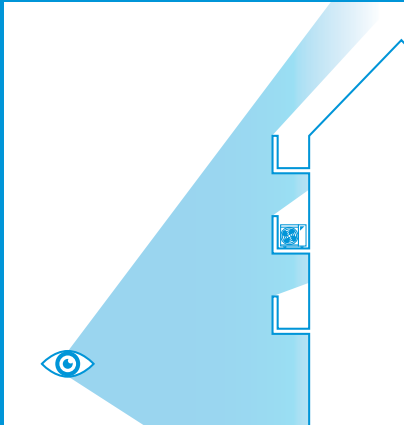
VERSUS

VRV IV S-series









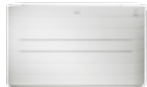
Daikin VRV IV S-series units can be installed discreetly on a balcony thanks to their compact dimensions, offering you air conditioning while being almost unnoticeable.



## Total solution



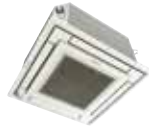
Daikin Emura  
wall mounted unit



Nexura



Intelligent Touch Manager



Fully flat cassette



Biddle air curtain



Air handling unit ventilation

## Our range of small-footprint units



4-5HP  
(single phase)



4-5-6HP  
(single and three phase)



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 residential and commercial indoor units can be connected
- ✓ A total air conditioning solution integrating air handling units and/or air curtains
- ✓ Complete reliability thanks to refrigerant-cooled PCB
- ✓ Suitable for bigger projects of up to 150 to 200 m<sup>2</sup>
- ✓ Light weight unit (down to 88kg) is easy to install and handle
- ✓ A perfect match for any application thanks to the wide range of small-footprint units



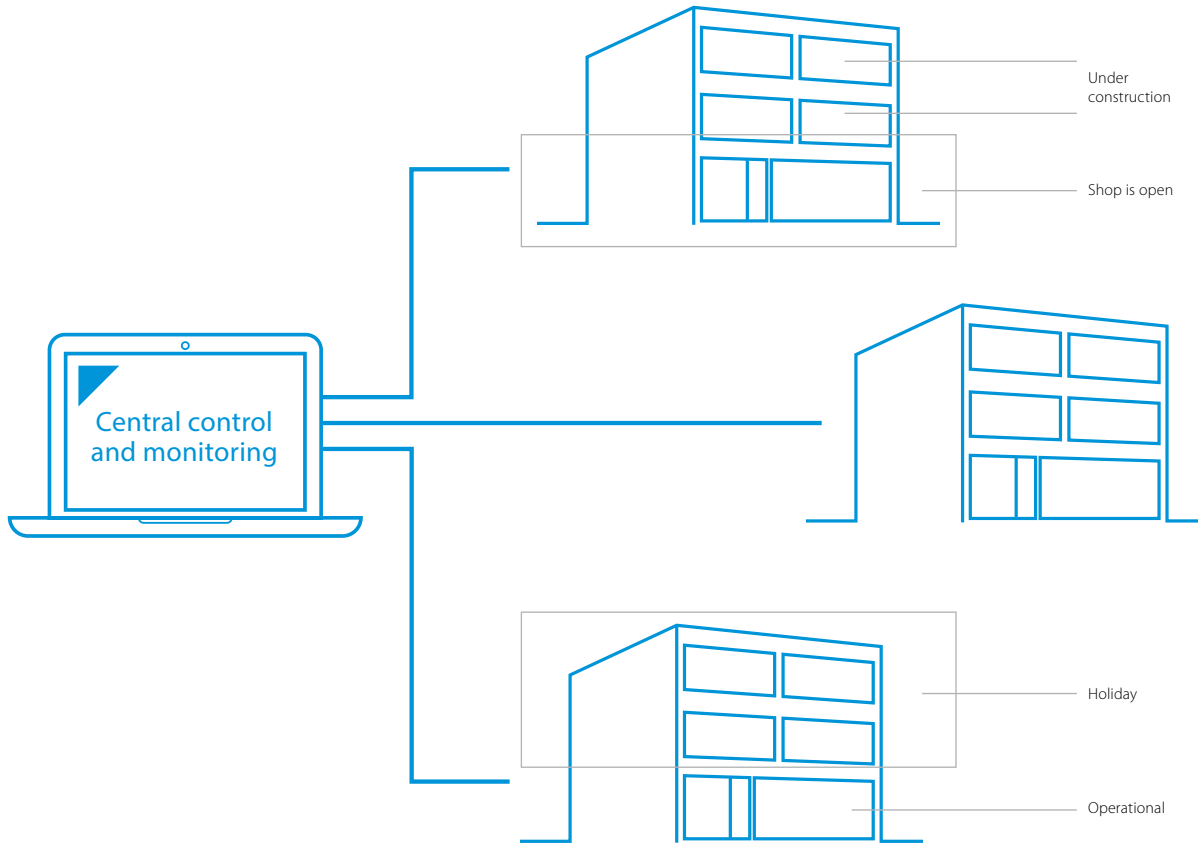
The unit can be installed out of sight and earshot of the house thanks to the long piping length



## A true VRV IV

- ✓ Unique Variable Refrigerant Temperature for maximum customised comfort, efficiency and intelligent control tailored to your individual needs
- ✓ 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

Concealed ceiling unit FXSQ-A: Slimmest yet most powerful medium static pressure unit on the market!



Round flow cassette FXFQ-A:  
360° air discharge for optimum efficiency and comfort



**Daikin Emura FTXG-LW/LS:**

A unique design unit for rooms with no false ceilings, nor free floor space



**Fully flat cassette FXZQ-A:**  
Unique design that integrates  
fully flat into the ceiling



**Concealed floor standing unit FXNQ-A:**  
Fully concealed in the wall

## Specifications

Outdoor unit				RXYSQ-	4TV1	5TV1
Capacity range				HP	4	5
Cooling capacity		Nom.		kW	12.1	14.0
Heating capacity		Nom.		kW	12.1	14.0
		Max.		kW	14.2	16.0
Power input - 50Hz	Cooling	Nom.		kW	3.43	4.26
	Heating	Nom. / Max.		kW	3.18 / 4.14	3.91 / 5.00
EER					3.53	3.29
COP		Nom. / Max.			3.81 / 3.43	3.58 / 3.20
Maximum number of connectable indoor units					8 <sup>(1)</sup> / 8 <sup>(2)</sup>	10 <sup>(1)</sup> / 9 <sup>(2)</sup>
Indoor index connection			Min. / Nom. / Max.		50 / 100 / 130	62.5 / 125 / 162.5
Dimensions	Unit	Height x Width x Depth		mm	823 x 940 x 460	
Weight	Unit			kg	88	
Fan - Air flow rate	Cooling	Nom.		m <sup>3</sup> /min	-	
Sound power level	Cooling	Nom.		dB(A)	68	69
Sound pressure level	Cooling	Nom.		dB(A)	51	52
Operation range	Cooling	Min. / Max.		°CDB	-5 / 43	
	Heating	Min. / Max.		°CWB	-20 / 15.5	
Refrigerant	Type / GWP				R-410A / 2,087.5	
	Charge			Kg / TCO <sub>2</sub> eq	3.7 / 7.7	
Piping connections	Liquid	OD		mm	9.52	
	Gas	OD		mm	15.9	
	Total piping length	System	Actual	m	300 <sup>(1)</sup> / 140 <sup>(2)</sup>	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	
Current - 50Hz	Maximum fuse amps (MFA)			A	32	

(1) in case VRV indoor units are connected, (2) in case RA indoor units are connected

Contains preliminary data

## Specifications

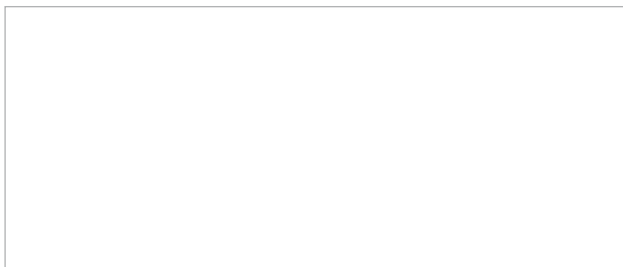
Outdoor unit				RXYSQ-	4TV1	5TV1	6TV1	4TY1	5TY1	6TY1	8TY1	10TY1	12TY1	
Capacity range			HP		4	5	6	4	5	6	8	10	12	
Cooling capacity		Nom.	kW		12.1	14.0	15.5	12.1	14.0	15.5	22.4	28	33.5	
		Nom.	kW		12.1	14.0	15.5	12.1	14.0	15.5	22.4	28	33.5	
Heating capacity		Max.	kW		14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5	
		Nom.	kW		3.03	3.73	4.56	3.03	3.73	4.56	6.12	8.24	10.2	
Power input - 50Hz	Cooling	Nom.	kW		2.68	3.27	3.97	2.68	3.27	3.97	5.20	6.60	8.19	
		Heating	kW		3.43	4.09	5.25	3.43	4.09	5.25	6.22	8.33	10.2	
		Max.			4.00	3.75	3.40	4.00	3.75	3.40	3.66	3.40	3.30	
EER					4.52	4.28	3.90	4.52	4.28	3.90	4.31	4.24	4.09	
COP		Nom.			4.14	3.91	3.43	4.14	3.91	3.43	4.02	3.78	3.66	
		Max.												
Maximum number of connectable indoor units					8 <sup>(1)</sup> / 8 <sup>(2)</sup>	10 <sup>(1)</sup> / 9 <sup>(2)</sup>	12 <sup>(1)</sup> / 9 <sup>(2)</sup>	8 <sup>(1)</sup> / 8 <sup>(2)</sup>	10 <sup>(1)</sup> / 9 <sup>(2)</sup>	12 <sup>(1)</sup> / 9 <sup>(2)</sup>	17 <sup>(1)</sup> / TBC <sup>(2)</sup>	21 <sup>(1)</sup> / TBC <sup>(2)</sup>	26 <sup>(1)</sup> / TBC <sup>(2)</sup>	
Indoor index connection		Min.			50	62.5	70	50	62.5	70	100	125	150	
		Nom.			100	125	140	100	125	140	200	250	300	
		Max.			130	162.5	182	130	162.5	182	260	325	390	
Dimensions	Unit	Height x Width x Depth	mm		1,345					1,430		1,615		
					900					940		940		
					320					320		460		
Weight	Unit		kg		105					145	165	170		
Fan - Air flow rate	Cooling	Nom.	m <sup>3</sup> /min											
		Min. / Max.	°CDB		-5 / 46					-5 / 52				
Operation range	Heating	Min. / Max.	°CWB		-20 / 15.5									
Sound power level	Cooling	Nom.	dBA		70	71	72	70	71	72	73	74	76	
Sound pressure level	Cooling	Nom.	dBA		53	54	54	53	54	54	55	55	57	
Refrigerant	Type / GWP				R-410A / 2,087.5									
	Charge			Kg / TCO2eq	TBC					4.5 / 9.3		7 / 14.6	8 / 16.7	
	Liquid	OD	mm		9.52					12.7				
Piping connections	Gas			OD	mm	15.9		19.1		19.1		22.2		25.4
	Total piping length			System	Actual	m								
						300 (1) / 140 (2)								
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3~ / 50 / 380-415					
Current - 50Hz	Maximum fuse amps (MFA)			A	32				16		25		32	

(1) with VRV indoor units connected, (2) with RA units connected

Contains preliminary data



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