



VRV IV S-series

Unseen in all the
best places



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.

Unseen in all the best places

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 CO₂ 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 Daikin UK's network of highly trained professionals
- ✓ 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

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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.

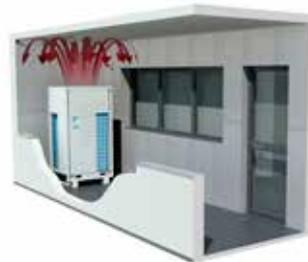


Ideal for balcony installation

The ideal choice for a balcony installation, Daikin VRV 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.

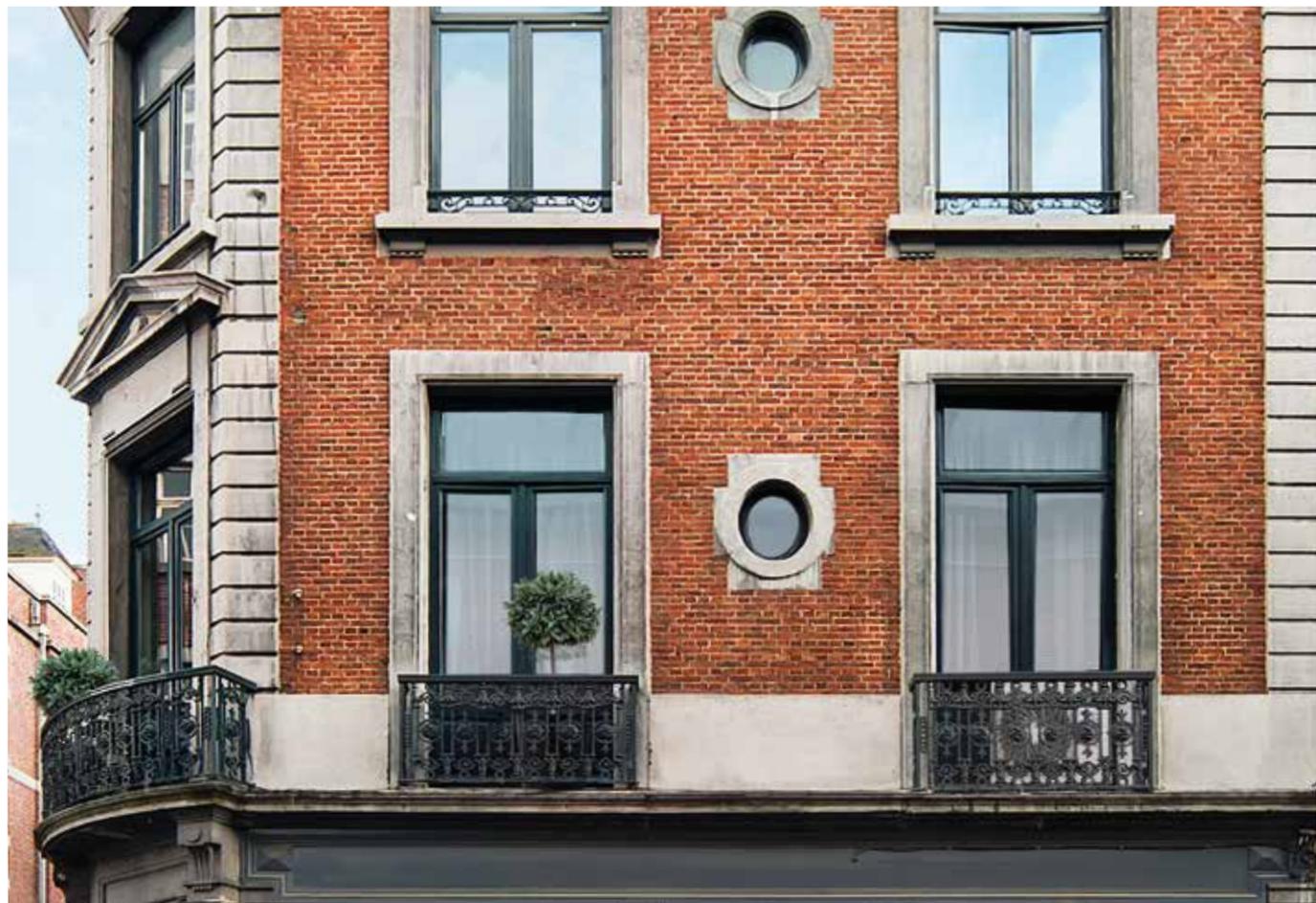
Standard VRV IV (top blow)

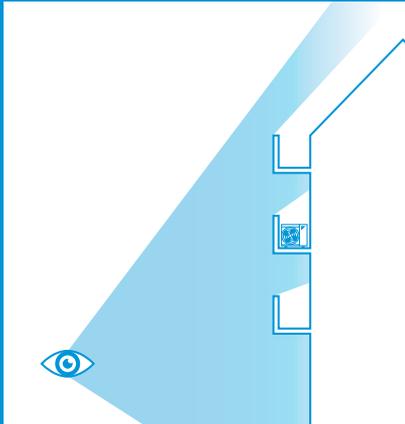


VERSUS

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



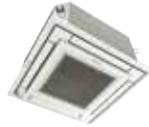
Daikin Emura
wall mounted unit



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 unseen 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 m²
- ✓ 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



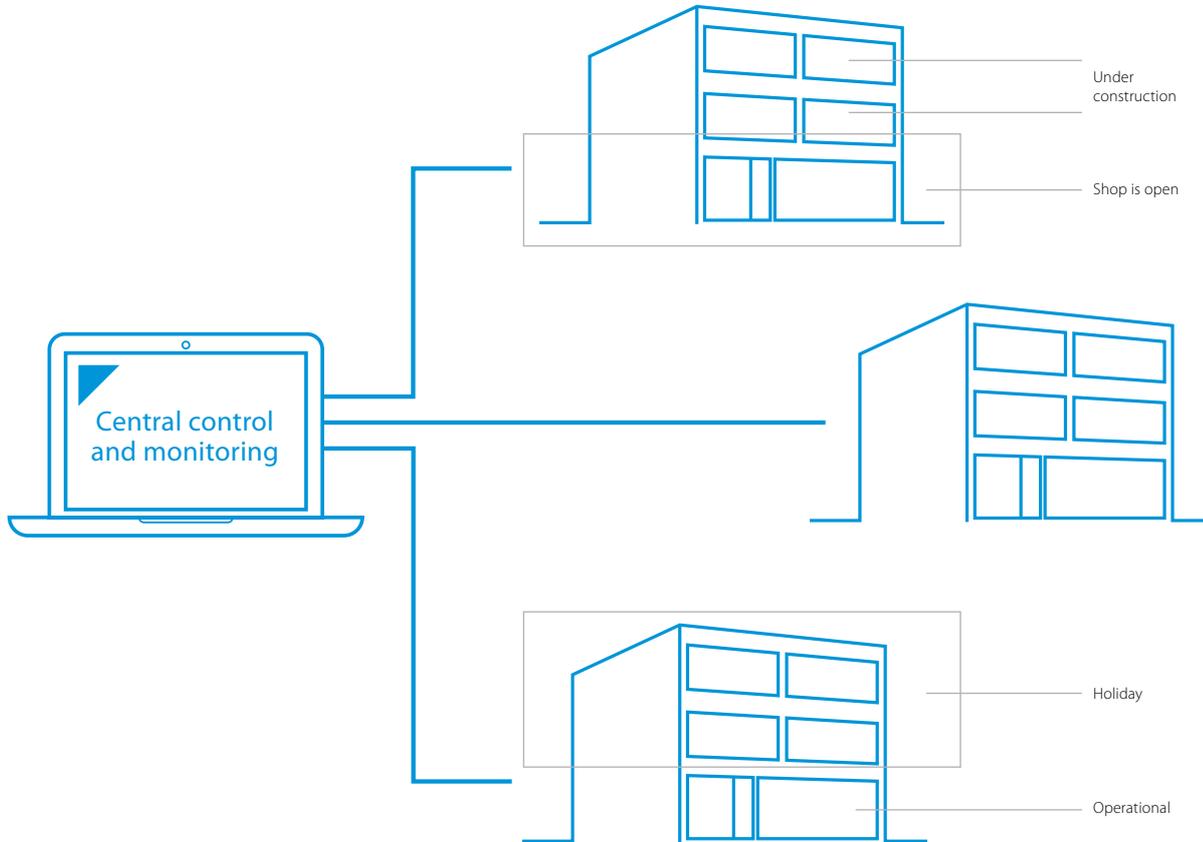
The unit can be installed out of sight and earshot of the property thanks to the long piping length



A true VRV IV

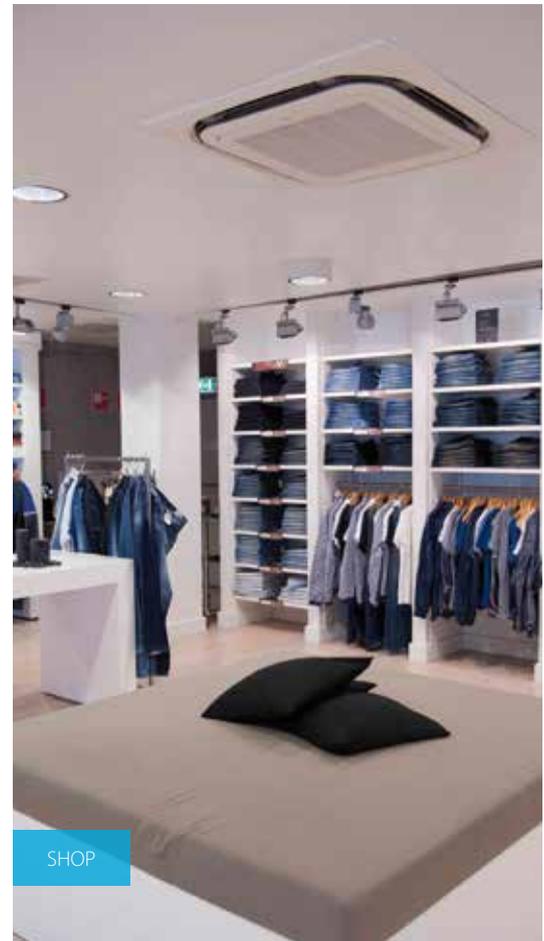
- ✓ Unique Variable Refrigerant Temperature for maximum customised comfort, efficiency and intelligent control tailored to your individual needs
- ✓ Control individual areas of your property for maximum efficiency
- ✓ Zone by zone installation tailored to the needs of the building
- ✓ Multiple systems 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!



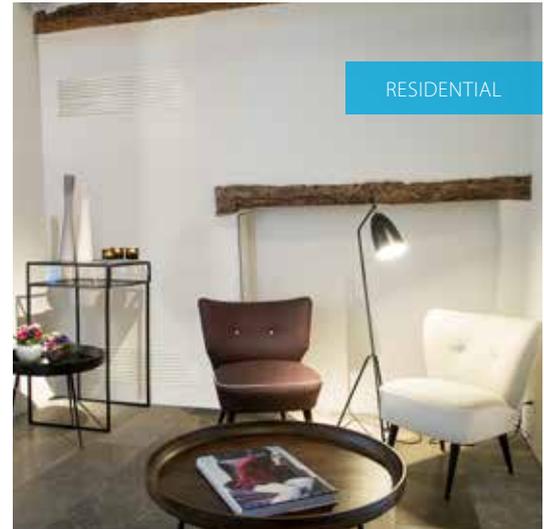
Round flow cassette FXFQ-A:
360° air discharge for optimum efficiency and comfort

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				RXYSQC-	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.		kW	3.18	3.91
EER					3.53	3.29
COP		Nom.			3.81	3.58
Maximum number of connectable indoor units					8	10
Indoor index connection		Min. / Max.			50 ~ 130	62.5 ~ 162.5
Dimensions	Unit	Height x Width x Depth		mm	823 x 940 x 460	
Weight	Unit			kg	94	
Sound power level	Cooling	Nom.		dB	68	69
Sound pressure level	Cooling	Nom.		dB	51	52
	Cooling	Min. / Max.		°CDB	-5 / 43	
Operation range	Heating	Min. / Max.		°CWB	-20 / 15.5	
	Refrigerant		Type / GWP		R-410A / 2,087.5	
		Charge		Kg / TCO ₂ eq	3.7 / 7.7	
Piping connections	Liquid	OD		inch (mm)	3/8 (9.5)	
	Gas	OD		inch (mm)	5/8 (15.9)	
		Total piping length	System	m	300	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230	
Current - 50Hz	Maximum fuse amps (MFA)			A	32	

(1) When connecting split fan coils some specifications change, please contact Daikin UK for details

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	Nom.	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	10	12	8	10	12	17	21	26	
Indoor index connection		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	104						144	175	180	
Fan - Air flow rate	Cooling	Nom.		m ³ /s	1.76						2.33	3.03	3.03	
	Operation range	Min. / Max.		°CDB	-5 / 46						-5 / 52			
Sound power level	Heating	Min. / Max.		°CWB	-20 / 15.5									
	Cooling	Nom.		dBA	68	69	70	68	69	70	73	74	76	
Sound pressure level	Cooling	Nom.		dBA	50	51	51	50	51	51	55	55	57	
Refrigerant	Type / GWP				R-410A									
	Charge			Kg / TCO2eq	TBC						4.5 / 9.3	7 / 14.6	8 / 16.7	
	Liquid	OD		inch (mm)	3/8 (9.52)						1/2 (12.7)			
Piping connections	Gas	OD		inch (mm)	5/8 (15.9)		3/4 (19.1)	5/8 (15.9)		3/4 (19)		7/8 (22.2)	1 1/8 (28.6)	
	Total piping length		System	Actual	m		300 (1) / 140 (2)							
Power supply	Phase / Frequency / Voltage			Hz / V	1 / 50 / 230			3 / 50 / 400						
Current - 50Hz	Maximum fuse amps (MFA)			A	32			16		25		32		

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Daikin Airconditioning UK Limited The Heights, Brooklands, Weybridge, Surrey KT13 0NY Tel 0845 6419000 Fax 0845 6419009 www.daikin.co.uk

**Scotland
Region**

0845 641 9330

**Northern
Region**

0845 641 9340

**Midlands
Region**

0845 641 9370

**Western
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0845 641 9320

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