



Decarbonisation of buildings made easy VRV 5 S-series

① FLEXIBLE |

Heat pump technology to fit any commercial building

- Low-height single fan range, **only 869mm high** (for 4,5,6HP unit)
- Automatic **ESP up to 45Pa** allows concealed installation
- Quiet operation via **5 low sound steps**, bringing sound pressure down to 39 dB(A)
- Easy to handle, thanks to 4 handles
- Wide access area to reach all key components

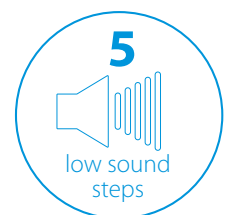
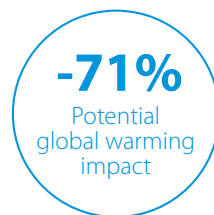
② SUSTAINABLE |

Significantly reduces the CO2 footprint of your building

- Reduced indirect impact thanks to **high seasonal efficiency**
 - $\eta_{s,c}$ up to **324.5%**, measured with our most popular units
 - Reduces running costs compared to traditional systems
- Reduced direct impact thanks to **lower GWP R-32 refrigerant**
 - Up to 71% Global Warming Potential reduction compared to R-410A
 - Single component refrigerant, easy to recover and reuse
 - No F-gas tightness inspection needed (up to 7.4kg of total charge)



Only **869 mm** high



12.1 kW ~ 56.0 kW

14.2 kW ~ 63.0 kW

③ UNIQUE SHĪRUDO TECHNOLOGY | Provides peace of mind

- Suitable for any room size: Shīrudo Technology allows the easy installation of R-32 VRV in any room
- Maximum installation flexibility, thanks to factory-provided refrigerant control measures
- No need for complex studies or field supplied equipment
- 3rd party certification according to the product standard IEC60335-2-40



Find out more about refrigerant safety standards and Shīrudo Technology



④ SUPPORT | Wide network of experts with specialised advice

- Maximise BREAAAM/LEED score
- Extra credit thanks to lower GWP of R-32
- Our accredited professionals assist to optimize the design

Our online support software with visual floorplan interface makes design easy and ensures compliance with product standards



⑤ WIDEST R-32 PORTFOLIO | Match any application

- Widest range of specifically designed indoor units and air curtains: 11 unit models in 96 variations
- Plug & play ventilation solutions from 150 up to 140.000 m³/h
- Extensive range of intuitive controllers:
 - Individual or centralized
 - On-premises or in the Cloud



..... CONTROLLERS



..... INDOOR

..... VENTILATION

OUTDOOR UNIT RXYSA

			4AV1	5AV1	6AV1	4AY1	5AY1	6AY1	8AY1	10AY1	12AY1		
Capacity range		HP	4	5	6	4	5	6	8	10	12		
Cooling capacity	Prated,c	kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5		
Heating capacity	Prated,h	kW	12.1	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5		
	Max.	kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5		
Recommended combination			3x FXSA2SA2VEB + 1x FXSA32AZVEB	4x FXSA32AZVEB	2x FXSA32AZVEB + 2x FXSA40AZVEB	3x FXSA2SA2VEB + 1x FXSA32AZVEB	4x FXSA32AZVEB	2x FXSA32AZVEB + 2x FXSA40AZVEB	4x FXSA50AZVEB	4x FXSA63AZVEB	6x FXSA50AZVEB		
SEER			8.2	7.7	7.6	7.9	7.4	7.3	6.4	6.9	6.5		
SCOP			5.1		4.7	4.9		4.5		4.4	4.6		
η _{s,c}		%	324.5	306.1	301.0	312.5	294.8	289.9	251.4	274.2	255.8		
η _{s,h}		%	200.5	185.7	183.6	193.1	178.8	176.8		173.8	182.6		
Dimensions	HxWxD	mm	869x1,100x460						1,430x940x320		1,615x940x460		
Weight		kg	102						144		180		
Sound power level	Cooling	dB(A)	67.0	68.1	69.0	67.0	68.1	69.0	73.2	74.0	76.1		
	Heating	dB(A)	69.0	70.0	71.0	69.0	70.0	71.0	73.5	74.0	76.0		
Sound pressure level	Cooling	dB(A)	49.0		51.0	49.0		51.0	58.1	57.0	60.0		
	Heating	°CWB											
Operation range	Min °C	°CDB	-5 ~ 46						-5 ~ 52				
	Max °C	°CWB	-20 ~ 16						-20 ~ 15.5				
Refrigerant	Type/GWP		R-32 / 675.0						R-32 / 675.0				
	Charge	tCO ₂ eq/ kg	kg		3.40/2.30				5.2/3.51	7.1/4.73	7.1/4.79		
Piping connections	Liquid OD	mm	9.52						9.5		12.7		
	Gas OD	mm	15.9						19.1		22.2		
	H/P/LP gas OD	mm											
	Tot. pip. length	Sys. actual	m						300		300		
Power supply	Phase/Freq./ Voltage	Hz/V	1~/50/220-240						3N~/50/380-415			3N~/50-60/380-415/400	
	Current - 50Hz	Max. fuse amps (MFA)	A			32			16			25	

Access all technical details here



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Daikin Europe N.V. participates in the Eurovent Certified Performance programme for Liquid Chilling Packages and Hydronic Heat Pumps, Fan Coil Units and Variable Refrigerant Flow systems. Check ongoing validity of certificate: www.eurovent-certification.com



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