

Decarbonisation of buildings made easy VRV 5 Heat Recovery

① SUSTAINABLE |

Significantly reduces the CO2 footprint of your building

- Reduced indirect impact thanks to **high seasonal efficiency**
 - $\eta_{s,c}$ up to **298.3%**, measured with 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
 - Reduced F-Gas tightness inspection to only one visit per year

② FLEXIBLE |

Heat pump technology to fit any commercial building

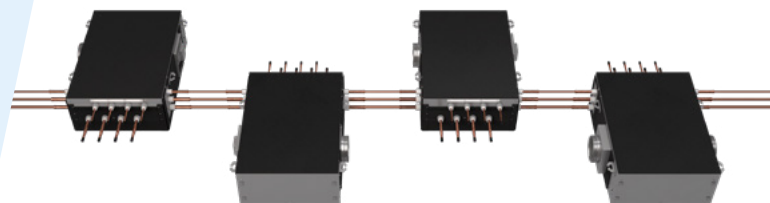
- Unmatched outdoor unit **capacity up to 90kW** in heating (28 HP)
- **Extensive piping** lengths and heights to meet any VRV application
- **Quiet operation** via 5 low sound steps, bringing sound pressure down to **40 dB(A)**
- **Completely redesigned BS boxes** for faster installation and easier servicing



-71%
Potential global warming impact

22.4 kW ~ 78.5 kW

25.0 kW ~ 87.5 kW



BSSV box: Faster installation and easier servicing

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

SPECIFICATIONS

		Module		Single Units						Multi combinations (continuous heating)										
		REMASA	REYA8A	REYA10A	REYA12A	REYA14A	REYA16A	REYA18A	REYA20A	REYA10A	REYA13A	REYA16A	REYA18A	REYA20A	REYA22A	REYA24A	REYA26A	REYA28A		
System	Outdoor unit 1 Outdoor unit 2									REMASA										
Capacity range	HP	5	8	10	12	14	16	18	20	10	13	16	18	20	22	24	26	28		
Cooling capacity	Prated,c	kW	22.4	28.0	33.5	40.0	45.0	50.4	56.0	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5		
	Prated,h		22.4	28.0	33.5	40.0	45.0	50.4	56.0	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5		
Heating capacity	Max.	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	32.0	41.0	50	56.5	62.5	69.0	75.0	82.5	87.5		
	Recommended combination		4xXFAS0A2VEB	4xXFAG3A2VEB	6xXFAS0A2VEB	1xXFAS0A2VEB + 5xXFAG3A2VEB	4xXFAG3A2VEB + 2xXFAG8A2VEB	3xXFAS0A2VEB + 5xXFAG3A2VEB	8xXFAG3A2VEB	4xXFAG3A2VEB	3xXFAS0A2VEB + 4xXFAG3A2VEB	4xXFAG3A2VEB + 2xXFAG8A2VEB	4xXFAS0A2VEB + 4xXFAG3A2VEB	10xXFAS0A2VEB	6xXFAS0A2VEB + 4xXFAG3A2VEB	4xXFAS0A2VEB + 2xXFAG8A2VEB	2xXFAS0A2VEB + 5xXFAG3A2VEB	6xXFAS0A2VEB + 4xXFAG3A2VEB + 2xXFAG8A2VEB	6xXFAS0A2VEB + 4xXFAG3A2VEB + 2xXFAG8A2VEB	
SEER		%	7.35	7.14	7.21	7.73	7.10	7.09	6.63	7.62	7.49	7.40	7.26	7.27	7.17	7.16	7.48	7.15		
SCOP			4.11	4.33	4.49	4.28	4.26	4.39	4.14	4.09	4.09	4.11	4.35	4.34	4.38	4.41	4.20	4.38	4.36	
ηs,c		%	290.8%	282.6%	285.3%	306.1%	281.0%	280.6%	262.2%	301.9%	296.5%	293.0%	287.5%	287.6%	283.6%	283.4%	296.2%	282.8%		
ηs,h			161.5%	170.2%	176.4%	168.3%	167.5%	172.5%	162.7%	160.6%	161.5%	170.9%	170.5%	172.2%	173.3%	165.2%	172.0%	171.5%		
Dimensions	HxWxD	mm	1,685x930x765						1,685x1,240x765											
Weight		kg	213			296			319											
	Cooling		dB(A)	78.3	78.8	82.5	78.7	83.7	83.4	87.9										
Sound power level	Heating	dB(A)							81.3			81.6			84.8					
		dB(A)							82.4			83.1			84.8					
Sound pressure level	Cooling	dB(A)	56.3	58.0	60.8	58.1	61.4	63.0	67.0											
		dB(A)							59.3			60.2			62.6					
Operation range	Cool./Heat.	Min/Max °C							-5 ~ 46/ -20 ~ 16											
			°CDB/°CWB							R-32 / 675.0										
Refrigerant	Type/GWP																			
	Charge	tCO2eq/ kg	9.00/6.08			10.6/7.16														
Piping connections	Liquid OD	mm	9.52			12.7			9.52			12.7			15.9					
	Gas OD	mm	19.1			22.2			19.1			22.2			28.6					
	H/P/LP gas OD	mm	15.9			19.1			15.9			19.1			22.2					
	Tot. pip. length Sys. actual	m	1,000						500						1,000					
Power supply	Phase/Freq./ Voltage	Hz/V							3N~/50/380-415											
Current - 50Hz	Max. fuse amps (MFA)	A	20	25	32	40	50	63												

Access all technical details here



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ECPEN24-232 11/2023
Printed on non-chlorinated paper.

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