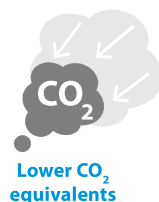


VRV 5 Heat Recovery

Purpose-built to support the decarbonisation of commercial buildings



Lower CO₂ equivalents



Five low sound steps

- › Reduced CO₂ equivalent thanks to the use of lower GWP R32 refrigerant and lower refrigerant charge
- › Single component refrigerant, easy to re-use and recycle
- › Greatest sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency
- › "Free" heating through efficient 3-pipe heat recovery, transferring heat from areas requiring cooling to areas requiring heating
- › Tackle small-room applications without any additional measures, thanks to Shīrudo Technology
- › Specially designed indoor units for R32, ensuring low sound and maximum efficiency
- › Simultaneous cooling and heating for the perfect personal comfort of guests/tenants
- › Like-for-like R410A installation flexibility with piping lengths up to 165 meters and a total length of 1,000 meters
- › Sound pressure down to 40dB (A) thanks to 5 low sound steps
- › ESP up to 78 Pa to allow ducting
- › Wide operation range of up to +46°C in cooling and down to -20°C in heating

Widest R32 VRV range in the market



REYA-8-12A



Completely redesigned BSSV boxes for faster installation and easier servicing



R-32 BLUEEVOLUTION

REYA-A (8 to 28hp)

VRV 5 Condensing Units Heat Recovery Single Modules



Outdoor Units			5hp (Multi Only) REMA5A	8 hp Single REYA8A	10 hp Single REYA10A	12 hp Single REYA12A	14 hp Single REYA14A	16 hp Single REYA16A	18 hp Single REYA18A	20 hp Single REYA20A
Capacity	Nominal Cooling	kW	14.0	22.4	28.0	33.5	40.0	45.0	50.4	55.9
	Nominal Heating	kW	16.0	25.0	31.5	37.5	45.0	50.0	56.5	63.0
Seasonal Efficiency	Cooling	η _{s,c} %	–	290.8	282.6	285.3	306.1	281.0	280.6	262.2
	Heating	η _{s,h} %	–	161.5	170.2	176.4	168.3	167.5	172.5	162.7
Dimensions	Height × Width × Depth	mm	1685 × 930 × 765	1685 × 930 × 765	1685 × 930 × 765	1685 × 930 × 765	1685 × 1240 × 765	1685 × 1240 × 765	1685 × 1240 × 765	1685 × 1240 × 765
Weight		kg	213				296		319	
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415							
	Fuse Rating	amps	20	20	25	32	32	40	40	50
	Nominal Running Current – Cooling	amps	5.6	10.5	13.0	15.6	18.5	21.0	27.8	32.8
Refrigerant Circuit	Refrigerant Type		R32							
	Refrigerant Charge	kg	9.0	9.0	9.0	9.0	10.6	10.6	10.6	10.6
Sound Pressure (Cooling)	Cooling	dB(A)	56.3	56.3	58.0	60.8	58.1	61.4	63.0	67.0
	Heating	dB(A)	58.1	58.1	58.8	61.9	61.3	64.5	64.0	68.0
Sound Power (Cooling)	Cooling	dB(A)	78.3	78.3	78.8	82.5	78.7	83.7	83.4	87.9
	Heating	dB(A)	79.4	79.4	80.7	83.3	82.9	86.3	85.1	89.6
Piping Limits	Maximum Total Length	m	1000							
Piping Connections – Systems	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
	Discharge	inch (mm)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)
	Gas	inch (mm)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	1 1/8 (28.6)
Operation Range (Cooling)	Min / Max	°CDB	-5 / 46							
Operation Range (Heating)	Min / Max	°CWB	-20 / 15.5							