

Specifications

360 Cassette R32

- 360° air supply.
- Bladeless discharge thanks to three small booster fans.
- Built-in condensation drain pump (750 mmH2O).

- High ceiling mode for heights up to 4.6 m (12.8/14.0 kW), 3.9 m (11.2 kW), 3.5 m (4.5~9.0 kW).
- SPI Ioniser (optional).
- Circular or square cassette panel.



Indoor Unit		AC071RN4PKG/EU	AC100RN4PKG/EU	AC120RN4PKG/EU	AC140RN4PKG/EU	
Outdoor Unit - Mono-Phase		AC071RXADKG/EU	AC100RXADKG/EU	AC120RXADKG/EU	AC140RXADKG/EU	
Outdoor Unit - Tri-Phase		-	AC100RXADNG/EU	AC120RXADNG/EU	AC140RXADNG/EU	
Capacity						
Cooling (Min/Nominal/Max)	kW	1.50/7.10/8.70	3.00/10.00/12.00	3.50/12.00/13.50	3.50/13.40/15.50	
	Heating @ +7 °C (Min/Nominal/Max)	1.90/8.00/9.00	2.20/11.20/15.50	3.50/13.20/15.50	3.50/15.50/18.00	
	Heating @ -5 °C	7.80	11.00	12.90	15.20	
	Heating @ -15 °C	7.00	9.70	11.50	13.50	
Performance						
Energy Efficiency Cooling	SEER ¹	6.7 A++	6.8 A++	6.0 A+	6.4	
	Power Consumption	371	515	TBA	-	
	Pdesignc	71	10.0	TBA	-	
	EER	2.60	3.08	2.69	2.81	
	SCOP ¹	4.2 A+	4.3 A+	4.0 A+	4.1	
Energy Efficiency Heating	Power Consumption	1,500	1,726	TBA	-	
	Pdesignh (average)	4.5	5.3	6.5	8.4	
	COP ¹	3.23	3.50	3.26	3.35	
	Airflow Rate	Indoor Unit (H/M/L)	51.0	72.0	72.0	110.0
	Sound Power	Indoor Unit	53	61	61	61
Outdoor Unit		65	69	70	69	
Sound Pressure	Indoor Unit (H/M/L)	36/33/29	44/39/33	45/40/35	45/41/37	
	Outdoor Unit (H/L)	51/49	54/52	56/54	54/53	
Fan/Outdoor Unit	Type	Turbo	Turbo	Turbo	Turbo	
	Power	65	97	97	97	
	Number of Fans	-	1	1	1	
External Static Pressure	Min/Std/Max	Pa				
Operating Temperature Range	Cooling	°C	-15-50	-15-50	-15-50	
	Heating	°C	-20.0-24.0	-20.0-24.0	-20.0-24.0	
Electrical Data						
Power Source	Indoor Unit	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	
	Outdoor Unit Mono-Phase	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	
	Outdoor Unit Tri-Phase	Φ, #, V, Hz	-	3Φ, 4, 380-415 V, 50 Hz	3Φ, 4, 380-415 V, 50 Hz	
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC	Twin BLDC	
Power (Min/Nominal/Max)	Cooling	kW	0.35/2.73/3.60	0.60/3.24/4.70	0.90/4.45/5.30	
	Heating	kW	0.35/2.48/3.95	0.46/3.20/5.40	0.75/4.05/5.60	
Current Input	Cooling (Min/Std/Max)	A	2.00/11.80/16.00	3.00/14.40/20.40	0.75/4.05/5.60	
	Heating (Min/Std/Max)	A	2.0/10.7/17.0	3.0/14.4/20.4	3.7/17.7/26.0	
	Cooling - Tri-Phase (Min/Std/Max)	A	-	1.5/5.1/7.1	2.1/6.9/10.0	
	Heating - Tri-Phase (Min/Std/Max)	A	-	1.2/5.0/8.4	2.1/6.3/12.0	
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	947 x 281 x 947	947 x 365 x 947	947 x 365 x 947	
	Outdoor Unit	mm	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	

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Outdoor Unit - Tri-Phase		-	AC100RXADNG/EU	AC120RXADNG/EU	AC140RXADNG/EU
Net Weight	Indoor Unit	kg	20.2	23.5	23.5
	Outdoor Unit	kg	51.0	75.0	81.0
Refrigerant					
Refrigerant	Type	R32 (contains fluorinated greenhouse gases. GWP = 675)			
	Factory Charging	kg	1.7/15 m	2.7/30 m	2.9/30 m
	Charging Ton Equivalent CO ₂	tCO ₂ e	1.15	1.82	1.96
	Additional Refrigerant Charging	g/m	25	50	50
Piping Connections	Liquid Pipe	ø, inch	1/4	3/8	3/8
	Gas Pipe	ø, inch	5/8	5/8	5/8
Piping Length	Min/Max	m	3/50	50	75
Piping Height	Max	m	30	30	30
Piping Connections	Drain Pipe	ø, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Others					
Panel	Model Code		PC4NUNMAN	PC4NUNMAN	PC4NUNMAN
	Net Dimensions (W x H x D)	mm	1,050 x 66 x 1,050	1,050 x 66 x 1,050	1,050 x 66 x 1,050
	Net Weight	kg	2.7	2.7	2.7
Accessories	Drain Pump		Included	Included	Included
	Max. Lifting Height/Displacement	mm / litres/h	750/24	750/24	750/24

Accessories										
										
AR-KH03E	MWR-SH00N	MWR-SH11N	MWR-WG00JN/MWR-WG00KN	MIM-H04EN	MRW-TA	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	MSD-CAN1

¹Energy labels as shown are according to EU No 626/2011 (LOT 10) label classification 2019, on a scale from D to A+++.