

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	1.50/2.10/8.70	3.00/10.00/12.00	3.50/12.00/13.50	3.50/13.40/15.50
Heating @ +7 °C (Min/Nominal/Max)	kW	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	kW	7.80	11.00	12.90	15.20
Heating @ +15 °C	kW	7.00	9.70	11.50	13.50
Performance					
Energy Efficiency Cooling	SEER ¹	W/W 4.7 A++	6.8 A++	6.0 A+	6.4
	Power Consumption	kWh/a 371	515	TBA	-
	Pdesignc	kW 71	10.0	TBA	-
	EER	W/W 2.60	3.08	2.69	2.81
Energy Efficiency Heating	SCOP ²	W/W 4.2 A+	4.3 A+	4.0 A+	4.1
	Power Consumption	kWh/a 1,500	1,726	TBA	-
	Pdesignh (average)	kW 4.5	5.3	6.5	8.4
	COP ³	W/W 3.23	3.50	3.26	3.35
Airflow Rate	Indoor Unit (H/M/L)	m ³ /min 51.0	72.0	72.0	110.0
Sound Power	Indoor Unit	dB(A) 53	61	61	61
	Outdoor Unit	65	69	70	69
Sound Pressure	Indoor Unit (H/M/L)	dB(A) 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	W 65	97	97	97
	Number of Fans	1	1	1	1
External Static Pressure	Min/Std/Max	Pa -	-	-	-
Operating Temperature Range	Cooling	°C -15-50	-15-50	-15-50	-15-50
	Heating	°C -20.0-24.0	-20.0-24.0	-20.0-24.0	-20.0-24.0
Electrical Data					
Power Source	Indoor Unit	Φ, #, V, Hz 10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz
	Outdoor Unit Mono-Phase	Φ, #, V, Hz 10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz	10, 2, 220-240 V, 50 Hz
	Outdoor Unit Tri-Phase	Φ, #, V, Hz -	30, 4, 380-415 V, 50 Hz	30, 4, 380-415 V, 50 Hz	30, 4, 380-415 V, 50 Hz
Compressor Type	Outdoor Unit	Type Twin BLDC	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	0.80/4.76/6.45
	Heating	kW 0.35/2.48/3.95	0.46/3.20/5.40	0.75/4.05/5.60	0.70/4.62/7.36
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	3.70/20.60/28.00
	Heating (Min/Std/Max)	A 2.0/10.7/17.0	3.0/14.4/20.4	3.7/17.7/26.0	3.7/20.6/28.0
	Cooling - Tri-Phase (Min/Std/Max)	A -	1.5/3/7.1	2.1/6.9/10.0	2.1/7.3/10.5
	Heating - Tri-Phase (Min/Std/Max)	A -	1.2/5.0/8.4	2.1/6.3/12.0	1.9/7.1/12.0
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	947 x 365 x 947
	Outdoor Unit	mm 880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 1,210 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	25.5
	Outdoor Unit	kg 51.0	75.0	81.0	91.5
Refrigerant					
	Type	R32 (contains fluorinated greenhouse gases. GWP = 675)			
	Factory Charging	kg 1.7/15 m	2.7/30 m	2.7/30 m	2.9/30 m
	Charging Ton Equivalent CO ₂	tCO ₂ e 1.15	1.82	1.82	1.96
	Additional Refrigerant Charging	g/m 25	50	50	50
Piping Connections	Liquid Pipe	ø, inch 1/4	3/8	3/8	3/8
	Gas Pipe	ø, inch 5/8	5/8	5/8	5/8
Piping Length	Min/Max	m 3/50	50	50	75
Piping Height	Max	m 30	30	30	30
Piping Connections	Drain Pipe	ø, mm VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Others					
Panel	Model Code	PC4NUNMAN	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	1,050 x 66 x 1,050
	Net Weight	kg 2.7	2.7	2.7	2.7
Accessories	Drain Pump	Included	Included	Included	Included
	Max. Lifting Height/Displacement	mm / litres/h 750/24	750/24	750/24	750/24

Accessories

AR-KH03E	MWR-SH00N	MWR-SHT1N	MWR-WG00JN/ MWR-WG00KN	MIM-H04EN	MRW-TA	PC4NUDMAN	PC4NUNMAN	PC4NBDMAN	PC4NBMAN	MSD-CANI

¹Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.