
1. System and Performance Data

Category	Item	Unit	Value
System	Indoor Unit Model Name		AC035RNJDKG/E U
	Outdoor Unit Model Name		AC035RXADKG/E U
	Mode	-	HEAT PUMP
Performance	Cooling Capacity (Min/Std/Max)	kW	1.2 / 3.5 / 3.9
	Cooling Capacity (Min/Std/Max)	Btu/h	4,100 / 11,940 / 13,510
	Heating Capacity (Min/Std/Max)	kW	1.1 / 4.0 / 4.6
	Heating Capacity (Min/Std/Max)	Btu/h	3,750 / 13,650 / 15,700
Power	Cooling Power Input (Min/Std/Max)	kW	0.25 / 1.12 / 1.50
	Heating Power Input (Min/Std/Max)	kW	0.21 / 1.30 / 1.80
	Cooling Current Input (Min/Std/Max)	A	1.6 / 5.5 / 7.5
	Heating Current Input (Min/Std/Max)	A	1.3 / 5.9 / 10.5

Current	MCA	A	11.0
	MFA	A	12.5
Efficiency	EER (Cooling)	-	3.12
	COP (Heating)	-	3.07
	SEER (Cooling Energy Grade)	-	6.1 (A++)
	SCOP (Heating Energy Grade)	-	4.1 (A+)
	Pdesignh	kW	2.0
Piping Connections	Liquid Pipe Type	-	Flare connection
	Liquid Pipe (Φ, mm (inch))		6.35 (1/4)
	Gas Pipe Type	-	Flare connection
	Gas Pipe (Φ, mm (inch))		9.52 (3/8)
	Heat Insulation	-	Both liquid and gas pipes
Piping Length (ODU-IDU)	Standard	m	5
	Max.	m	20
	Elevation	m	15
	Chargeless	m	20

Wiring Connections	Communication (Min.)	mm ²	0.75
	Remark	-	F1, F2
Refrigerant	Type	-	R32
	Factory Charging	kg	0.9
	tCO ₂ e		0.61

2. Indoor Unit Data (AC035RNJDKG/EU)

Category	Item	Unit	Value
Power Supply	Ø, #, V, Hz		1, 2, 220-240, 50
Heat Exchanger	Type	-	F&T
Material	Fin	-	Al
	Tube	-	Cu
	Fin Treatment	-	Green Hydrophile
Fan	Type	-	Turbo
	Quantity	EA	1
Air Flow Rate	Cooling (H/M/L)	m ³ /min	8.5 / 7.2 / 6.2
	Cooling (H/M/L)	l/s	142 / 120 / 103
	Heating (H/M/L)	m ³ /min	9.0 / 8.2 / 7.2

	Heating (H/M/L)	l/s	150 / 137 / 120
Fan Motor	Type	-	BLDC
	Output	W x n	35 x 1
Drain	Drain Pipe (Φ, mm)		ID18mm Hose
Sound	Sound Pressure Level (High/Mid/Low/(Silent))	dB(A)	38 / 34 / 30 / 24
	Sound Power Level	dB(A)	55
External Dimension	Net Weight	kg	16.0
	Shipping Weight	kg	20.5
	Net Dimensions (WxHxD)	mm	720 x 620 x 199
	Shipping Dimensions (WxHxD)	mm	805 x 705 x 297
Casing	Material	-	ABS
Control System	Infrared remote control	-	Included
	Wired remote control	-	MWR-WE13N MWR-WG00*N
Additional Accessories	Air Filter	-	Removable / Washable

	Virus Doctor	-	Included
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3. Outdoor Unit Data (AC035RXADKG/EU)

Category	Item	Unit	Value
Power Supply	Ø, #, V, Hz		1, 2, 220-240, 50
Heat Exchanger	Type	-	Fin & Tube
Material	Fin	-	Al
	Tube	-	Cu
	Fin Treatment	-	Anti-Corrosion
Compressor	Model Name		UB9AK5090FER
	Type	-	Single BLDC
	Output	kW	0.86
Oil	Type	-	POE
	Initial charge	cc	320
Fan	Type	-	Propeller
	Discharge direction	-	Front
	Quantity	EA	1
Air Flow Rate		m ³ /min	30

		l/s	500
Fan Motor	Type	-	BLDC Motor
	Output	W x n	40 x 1
Sound	Sound Pressure Level (Cooling)	dB(A)	48
	Sound Pressure Level (Heating) ¹	dB(A) ²	48 ³
	Sound Power Level ⁴	dB(A) ⁵	61 ⁶
External Dimension⁷	Net Weight ⁸	kg ⁹	32.5 ¹⁰
	Shipping Weight ¹¹	kg ¹²	35.5 ¹³
	Net Dimensions (WxHxD) ¹⁴	mm ¹⁵	790 x 548 x 285 ¹⁶
	Shipping Dimensions (WxHxD) ¹⁷	mm ¹⁸	913 x 622 x 371 ¹⁹
Casing²⁰	Material (Body) ²¹	- ²²	EGI Steel Plate ²³
Operating Temp. Range²⁴	Cooling ²⁵	°C ²⁶	-15~46 ²⁷
	Heating ²⁸	°C ²⁹	- ³⁰ 20 ~ 24