

Specifications

Outdoor Units (R32)

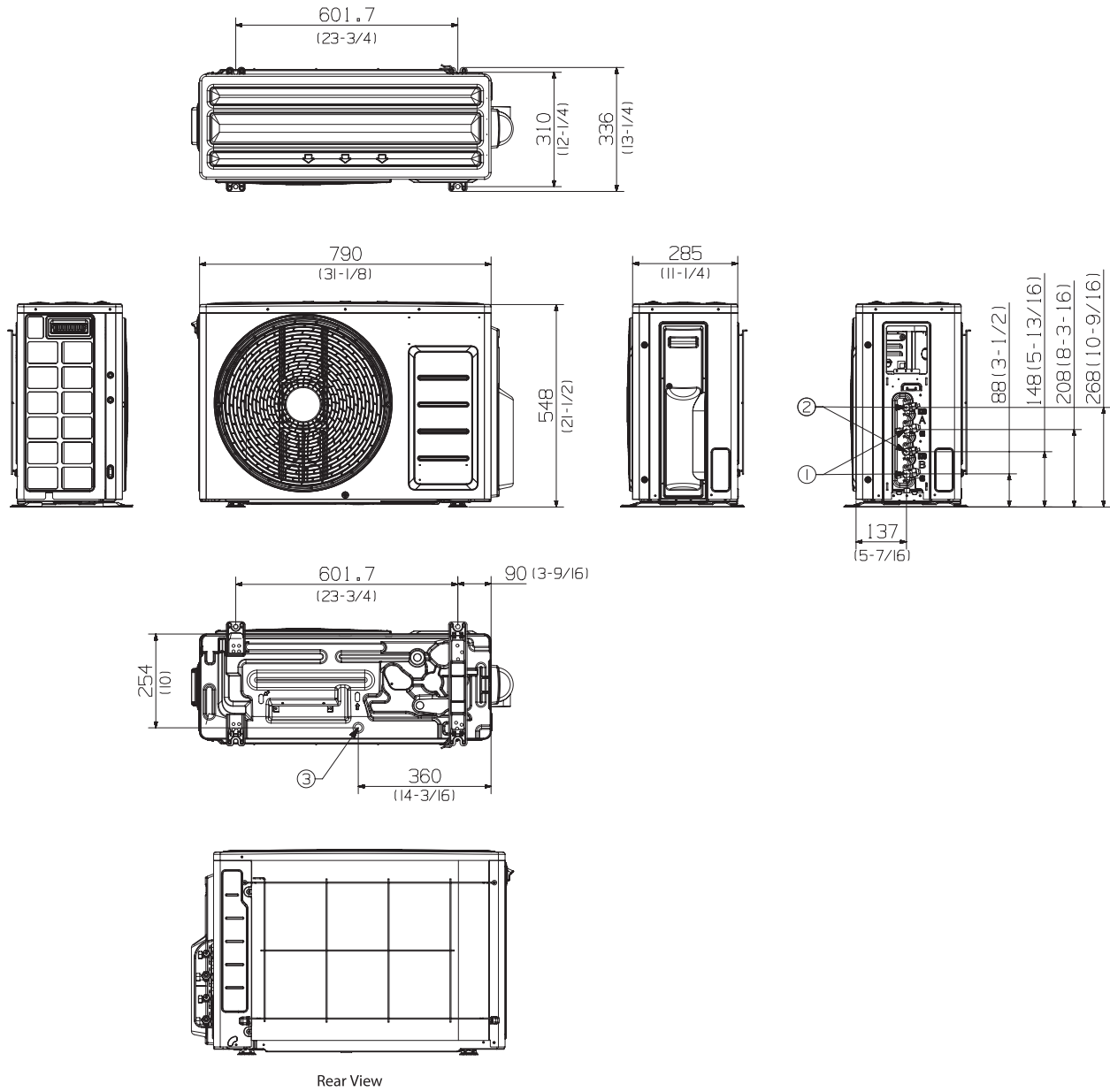


Model Name				AJ040NCJ2EG/EU	AJ050NCJ2EG/EU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50
Performance	Capacity	Cooling	kW	4,0	5,0
		Heating		4,2	5,6
Maximum number of connectable Indoor Units			EA	2	2
Power	Power Input	Cooling	kW	0,9	1,22
		Heating		0,9	1,28
	Current Input	Cooling	A	4,1	5,6
		Heating		4,1	5,9
Current	MCA	A	9,8	11,8	
	MFA		11,25	13,75	
Efficiency	EER	Cooling	W/W	4,44	4,1
	COP	Heating	W/W	4,67	4,38
	SEER (Grade)		W/W	8.54 (A+++)	8.54 (A+++)
	SCOP (Grade)		W/W	4.64 (A++)	4.64 (A++)
Compressor	Type		-	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter
	Output		kW x n	4.09 x 1	4.09 x 1
	Oil	Type	-	ESTER OIL VG74	ESTER OIL VG74
		Initial Charge	cc	350	350
Fan	Type		-	Propeller Fan	Propeller Fan
	Discharge direction		-	Horizontal	Horizontal
	Quantity		EA	1	1
	Airflow Rate		m ³ /min	29,7	33,05
Fan Motor			l/s	494	551
	Model		-	BLDC	BLDC
	Output x n		W	40 x 1	40 x 1
	Liquid Piping		Type	Flare connection	Flare connection
Piping Connections			Φ, mm x EA	6.35 x 2	6.35 x 2
			Φ, inch x EA	1/4" x 2	1/4" x 2
		Gas Piping	Type	Flare connection	Flare connection
			Φ, mm x EA	9.52 x 2	9.52 x 2
			Φ, inch x EA	3/8" x 2	3/8" x 2
	Installation Limitation	Total Piping Length	m	30	30
		Max. Length (ODU-IDU)	m	25	25
		Max. Height (IDU-IDU)	m	7,5	7,5
Max. Height (ODU-IDU)		m	15	15	
Wiring Connections	Communication	Min.	mm ²	0,75	0,75
		Remark	-	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32
	Factory Charging		kg	0,98	1,18
			tCO ₂ e	0,66	0,8
Sound	Sound Pressure	Cooling		45	46
		Heating	dB(A)	46	47
	Sound Power			60	61
External Dimension	Net Weight		kg	32	33
	Net Dimensions (WxHxD)		mm	790 × 548 × 285	790 × 548 × 285
Operating Temp. Range	Cooling		°C	-5 ~ 46	-5 ~ 46
	Heating		°C	-15 ~ 24	-15 ~ 24

Dimensional Drawings

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AJ***NCJ2EG/EU



Rear View

No.	Name	Description
1	Refrigerant gas pipe	Φ9.52 (Φ3/8)
2	Refrigerant liquid pipe	Φ6.35 (Φ1/4)
3	Drain hole	Connection with the provided drain plug.