

1. Specification

Wind-Free 4Way Cassette

System	Model Name	Indoor Unit			AC052RN4DKG/EU	AC071RN4DKG/EU	AC100RN4DKG/EU	AC100RN4DKG/EU
		Outdoor Unit			AC052RXADKG/EU	AC071RXADKG/EU	AC100RXADKG/EU	AC100RXADNG/EU
	Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
	Performance	Capacity (Min/Std/Max)	Cooling	kW	1.00 / 5.00 / 6.50	1.50 / 7.10 / 8.70	3.0 / 10.0 / 12.0	3.0 / 10.0 / 12.0
				Btu/h	3,410 / 17,060 / 22,180	5,120 / 24,230 / 29,680	10,240 / 34,120 / 41,000	10,240 / 34,120 / 41,000
			Heating	kW	1.00 / 6.00 / 7.00	1.90 / 8.00 / 9.00	2.2 / 11.2 / 15.5	2.2 / 11.2 / 15.5
				Btu/h	3,410 / 20,470 / 23,880	6,480 / 27,300 / 30,710	7,500 / 38,210 / 52,900	7,500 / 38,210 / 52,900
	Power	Power Input (Min/Std/Max)	Cooling	kW	0.33 / 1.43 / 2.30	0.35 / 2.38 / 3.60	0.60 / 3.42 / 4.70	0.60 / 3.32 / 4.70
			Heating	kW	0.25 / 1.49 / 2.50	0.35 / 2.45 / 3.95	0.46 / 3.10 / 5.40	0.46 / 3.03 / 5.40
		Current Input (Min/Std/Max)	Cooling	A	1.5 / 6.5 / 9.5	2.0 / 10.3 / 16.0	3.0 / 15.2 / 20.4	1.5 / 5.5 / 7.1
			Heating	A	1.5 / 6.8 / 12.0	2.0 / 10.7 / 17.0	2.5 / 13.6 / 23.0	1.2 / 5.1 / 8.4
		Current	MCA	A	17.5	17.5	25.0	17.1
			MFA	A	20.6	20.6	30.0	17.1
	Efficiency	EER	Cooling	-	3.50	2.98	2.92	3.01
		COP	Heating	-	4.03	3.27	3.61	3.69
		SEER (Cooling Energy Grade)		-	7.6 (A++)	6.7 (A++)	7.0 (A++)	7.0 (A++)
		SCOP (Heating Energy Grade)		-	4.3 (A+)	4.2 (A+)	4.3 (A+)	4.3 (A+)
		Pdesignh		kW	2.6	4.5	5.3	5.3
	Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
				Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
		Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
				Φ, mm (inch)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
		Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
		Piping length (ODU-IDU)	Standard	m	5	5	5	5
			Max.	m	30	50	50	50
			Elevation	m	20	30	30	30
			Chargeless	m	10	15	30	30
Wiring connections	Communication	Min.	mm²	0.75	0.75	0.75	0.75	
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	
Refrigerant	Type		-	R32	R32	R32	R32	
	Factory Charging		kg	1.2	1.7	2.7	2.7	
			tCO2e	0.81	1.15	1.82	1.82	
Indoor Unit	Power Supply			Ø, #, V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
	Heat Exchanger	Type		-	F&T	F&T	F&T	F&T
		Material	Fin	-	Al	Al	Al	Al
			Tube	-	Cu	Cu	Cu	Cu
		Fin Treatment			-	Green Hydrophile	Green Hydrophile	Green Hydrophile
	Fan	Type		-	Turbo Fan	Turbo Fan	Turbo	Turbo
		Quantity		EA	1	1	1	1
		Air Flow Rate	Cooling (H/M/L)	m³/min	15.0 / 14.0 / 13.0	19.5 / 16.5 / 14.5	31.0 / 25.0 / 19.0	31.0 / 25.0 / 19.0
				l/s	250 / 233.3 / 216.6	325 / 275 / 241.6	517 / 417 / 317	517 / 417 / 317
			Heating (H/M/L)	m³/min	15.0 / 14.0 / 13.0	19.5 / 16.5 / 14.5	31.0 / 25.0 / 19.0	31.0 / 25.0 / 19.0
				l/s	250 / 233.3 / 216.6	325 / 275 / 241.6	517 / 417 / 317	517 / 417 / 317
	Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
		Output		W x n	65	65	97 x1	97 x1

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Indoor Unit	Model Name	Indoor Unit		AC052RN4DKG/EU	AC071RN4DKG/EU	AC100RN4DKG/EU	AC100RN4DKG/EU
		Outdoor Unit		AC052RXADKG/EU	AC071RXADKG/EU	AC100RXADKG/EU	AC100RXADNG/EU
	Drain	Drain Pipe		Φ, mm	VP-25(OD32, ID25)	VP-25(OD32, ID25)	VP-25(OD32, ID25)
	Sound	Sound Pressure Level	High/Mid/Low/(Silent)	dB(A)	33 / 31 / 29	36 / 33 / 29	44 / 39 / 33
		Sound Power Level		dB(A)	49	53	61
	External Dimension	Net Weight		kg	14.5	14.5	18.0
		Shipping Weight		kg	18.5	18.5	22.0
		Net Dimensions (WxHxD)		mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840
		Shipping Dimensions (WxHxD)		mm	898 x 275 x 898	898 x 275 x 898	898 x 357 x 898
	Casing	Material		-	Polypropylene	Polypropylene	Polypropylene
	Panel (1)	Model Name		-	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN
		Type		-	Wind-Free Type	Wind-Free Type	Wind-Free Type
		Material		-	HIPS	HIPS	HIPS
		Color		-	DA White	DA White	DA White
		Net Weight		kg	6.3	6.3	6.3
		Shipping Weight		kg	8.7	8.7	8.7
		Net Dimensions (WxHxD)		mm	950 x 48 x 950	950 x 48 x 950	950 x 48 x 950
		Shipping Dimensions (WxHxD)		mm	1,010 x 117 x 1,000	1,010 x 117 x 1,000	1,010 x 117 x 1,000
	Panel (2)	Model Name		-	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
		Type		-	Waffle Type	Waffle Type	Waffle Type
		Material		-	HIPS	HIPS	HIPS
		Color		-	White	White	White
		Net Weight		kg	5.9	5.9	5.9
		Shipping Weight		kg	8	8	8
		Net Dimensions (WxHxD)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
		Shipping Dimensions (WxHxD)		mm	1,005 x 100 x 1,005	1,005 x 100 x 1,005	1,005 x 100 x 1,005
	Panel (3)	Model Name		-	PC4NBSKAN	PC4NBSKAN	PC4NBSKAN
		Type		-	Waffle Type	Waffle Type	Waffle Type
		Material		-	HIPS	HIPS	HIPS
		Color		-	Black	Black	Black
		Net Weight		kg	5.9	5.9	5.9
		Shipping Weight		kg	8	8	8
		Net Dimensions (WxHxD)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
		Shipping Dimensions (WxHxD)		mm	1,005 x 100 x 1,005	1,005 x 100 x 1,005	1,005 x 100 x 1,005
	Panel (4)	Model Name		-	PC4NUSKEN	PC4NUSKEN	PC4NUSKEN
		Type		-	Stripe Type	Stripe Type	Stripe Type
		Material		-	ABS	ABS	ABS
		Color		-	White	White	White
		Net Weight		kg	5.9	5.9	5.9
		Shipping Weight		kg	8	8	8
		Net Dimensions (WxHxD)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
		Shipping Dimensions (WxHxD)		mm	1,005 x 100 x 1,005	1,005 x 100 x 1,005	1,005 x 100 x 1,005
	Control System	Infrared remote control		-	AR-EH03E	AR-EH03E	AR-EH03E
		Wired remote control		-	MWR-WE13N MWR-WG00*N	MWR-WE13N MWR-WG00*N	MWR-WE13N MWR-WG00*N
	Drain Pump	Drain Pump		-	Included	Included	Included
		Max. lifting Height / Displacement		mm / Liter / h	750/24	750/24	750/24
	Additional Accessories	Drain Pump	External Model	-	-	-	-
			Internal Model	-	-	-	-
			Max. lifting Height / Displacement	mm / Liter / h	-	-	-
		Air Filter		-	Removable / Washable	Removable / Washable	Removable / Washable
		Virus Doctor		-	Option	Option	Option

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Outdoor Unit	Model Name	Indoor Unit		AC052RN4DKG/EU	AC071RN4DKG/EU	AC100RN4DKG/EU	AC100RN4DKG/EU	
		Outdoor Unit		AC052RXADKG/EU	AC071RXADKG/EU	AC100RXADKG/EU	AC100RXADNG/EU	
	Power Supply			Ø, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	3, 4, 380-415, 50
	Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube
		Material	Fin	-	Al	Al	Al	Al
			Tube	-	Cu	Cu	Cu	Cu
		Fin Treatment		-	Anti-Corrosion	Anti-Corrosion	Anti-Corrosion	Anti-Corrosion
	Compressor	Model Name			UB9TK3150FE4	UB4TN8200FE4	UB8TN8300FJU	UB8TN8300FJU
		Type		-	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
		Output		kW	1.51	1.89	2.91	2.91
		Oil	Type	-	POE	POE	POE	POE
	Initial charge		cc	500	650	1,200	1,200	
	Fan	Type		-	Propeller	Propeller	Propeller	Propeller
		Discharge direction		-	Front	Front	Front	Front
		Quantity		EA	1	1	1	1
		Air Flow Rate		m³/min	40	51	72	72
				l/s	667	850	1,200	1,200
	Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
		Output		W x n	125 x 1	125 x 1	125 x 1	125 x 1
	Sound	Sound Pressure Level	Cooling	dB(A)	48	49	52	52
Heating			dB(A)	48	51	54	54	
Sound Power Level		dB(A)	62	65	69	69		
External Dimension	Net Weight		kg	43.0	51.0	75.0	74.0	
	Shipping Weight		kg	46.5	55.0	80.0	79.0	
	Net Dimensions (WxHxD)		mm	880 x 638 x 310	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	
	Shipping Dimensions (WxHxD)		mm	1,023 x 742 x 413	1,023 x 896 x 413	995 x 1,096 x 426	995 x 1,096 x 426	
Casing	Material	Body	-	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate	
Operating Temp. Range	Cooling		°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	
	Heating		°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	

NOTE

- Specification may be subject to change without prior notice.
- 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature 27°C DB, 19°C WB, Outdoor temperature 35°C DB, 24°C WB
 - Heating : Indoor temperature 20°C DB, 15°C WB, Outdoor temperature 7°C DB, 6°C WB
 - Equivalent refrigerant pipe length 5m, Level differences 0m
- 2) Select wire size based on the value of MCA
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20uPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power : 1pW
 - Measured according to ISO 3741
- 5) These products contain R32(GWP=675) which is fluorinated greenhouse gas.
- 6) 'MWR-WG00*N' is new wired remote control type(Graphic).
If you need the latest control system information, please refer to SAC control TDB.

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	Model Name	Indoor Unit			AC120RN4DKG/EU	AC120RN4DKG/EU	AC140RN4DKG/EU	AC140RN4DKG/EU
		Outdoor Unit			AC120RXADKG/EU	AC120RXADNG/EU	AC140RXADKG/EU	AC140RXADNG/EU
System	Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
	Performance	Capacity (Min/Std/Max)	Cooling	kW	3.5 / 12.0 / 13.5	3.5 / 12.0 / 13.5	3.5 / 13.4 / 15.5	3.5 / 13.4 / 15.5
				Btu/h	11,940 / 41,000 / 46,100	11,940 / 41,000 / 46,100	11,940 / 45,720 / 52,900	11,940 / 45,720 / 52,900
			Heating	kW	3.5 / 13.2 / 15.5	3.5 / 13.2 / 15.5	3.5 / 15.5 / 18.0	3.5 / 15.5 / 18.0
				Btu/h	11,940 / 45,040 / 52,900	11,940 / 45,040 / 52,900	11,940 / 52,900 / 61,420	11,940 / 52,900 / 61,420
	Power	Power Input (Min/Std/Max)	Cooling	kW	0.90 / 4.60 / 5.30	0.90 / 4.45 / 5.50	0.80 / 4.62 / 6.45	0.80 / 4.62 / 6.60
			Heating	kW	0.75 / 4.15 / 5.60	0.75 / 4.05 / 6.40	0.70 / 4.90 / 7.36	0.70 / 4.76 / 7.50
		Current Input (Min/Std/Max)	Cooling	A	4.3 / 20.1 / 24.0	2.1 / 6.8 / 10.0	3.7 / 20.0 / 28.0	2.1 / 7.1 / 10.5
			Heating	A	3.7 / 18.2 / 26.0	2.1 / 6.3 / 12.0	3.5 / 21.3 / 32.0	1.9 / 7.3 / 12.0
		Current	MCA	A	25.0	171	33.0	171
			MFA	A	30.0	171	40.0	171
	Efficiency	EER	Cooling	-	2.60	2.69	2.90	2.90
		COP	Heating	-	3.18	3.26	3.16	3.25
		SEER (Cooling Energy Grade)		-	6.0 (A+)	6.0 (A+)	6.6 (-)	6.6 (-)
		SCOP (Heating Energy Grade)		-	4.0 (A+)	4.0 (A+)	4.3 (-)	4.3 (-)
		Pdesignh		kW	6.5	6.5	8.4	8.4
	Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
				Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
		Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
				Φ, mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
		Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
		Piping length (ODU-IDU)	Standard	m	5	5	5	5
			Max.	m	50	50	75	75
			Elevation	m	30	30	30	30
			Chargeless	m	30	30	30	30
Wiring connections	Communication	Min.	mm²	0.75	0.75	0.75	0.75	
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	
Refrigerant	Type		-	R32	R32	R32	R32	
	Factory Charging		kg	2.7	2.7	2.9	2.9	
			tCO₂e	1.82	1.82	1.96	1.96	
Indoor Unit	Power Supply			Ø, #, V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
	Heat Exchanger	Type		-	F&T	F&T	F&T	F&T
		Material	Fin	-	Al	Al	Al	Al
			Tube	-	Cu	Cu	Cu	Cu
		Fin Treatment		-	Green Hydrophile	Green Hydrophile	Green Hydrophile	Green Hydrophile
	Fan	Type		-	Turbo	Turbo	Turbo	Turbo
		Quantity		EA	1	1	1	1
		Air Flow Rate	Cooling (H/M/L)	m³/min	32.0 / 26.0 / 20.0	32.0 / 26.0 / 20.0	32.0 / 27.0 / 22.0	32.0 / 27.0 / 22.0
				l/s	533 / 433 / 333	533 / 433 / 333	533 / 450 / 367	533 / 450 / 367
			Heating (H/M/L)	m³/min	32.0 / 26.0 / 20.0	32.0 / 26.0 / 20.0	32.0 / 27.0 / 22.0	32.0 / 27.0 / 22.0
				l/s	533 / 433 / 333	533 / 433 / 333	533 / 450 / 367	533 / 450 / 367
	Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
		Output		W x n	97 x 1	97 x 1	97 x 1	97 x 1

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Indoor Unit	Model Name	Indoor Unit		AC120RN4DKG/EU	AC120RN4DKG/EU	AC140RN4DKG/EU	AC140RN4DKG/EU
		Outdoor Unit		AC120RXADKG/EU	AC120RXADNG/EU	AC140RXADKG/EU	AC140RXADNG/EU
	Drain	Drain Pipe		Φ, mm	VP-25(OD32, ID25)	VP-25(OD32, ID25)	VP-25(OD32, ID25)
	Sound	Sound Pressure Level	High/Mid/Low/(Silent)	dB(A)	45 / 40 / 35	45 / 40 / 35	45 / 41 / 37
		Sound Power Level		dB(A)	61	61	61
	External Dimension	Net Weight		kg	18.0	18.0	20.0
		Shipping Weight		kg	22.0	22.0	24.0
		Net Dimensions (WxHxD)		mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
		Shipping Dimensions (WxHxD)		mm	898 x 357 x 898	898 x 357 x 898	898 x 357 x 898
	Casing	Material		-	Polypropylene	Polypropylene	Polypropylene
	Panel (1)	Model Name		-	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN
		Type		-	Wind-Free Type	Wind-Free Type	Wind-Free Type
		Material		-	HIPS	HIPS	HIPS
		Color		-	DA White	DA White	DA White
		Net Weight		kg	6.3	6.3	6.3
		Shipping Weight		kg	8.7	8.7	8.7
		Net Dimensions (WxHxD)		mm	950 x 48 x 950	950 x 48 x 950	950 x 48 x 950
		Shipping Dimensions (WxHxD)		mm	1,010 x 117 x 1,000	1,010 x 117 x 1,000	1,010 x 117 x 1,000
	Panel (2)	Model Name		-	PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
		Type		-	Waffle Type	Waffle Type	Waffle Type
		Material		-	HIPS	HIPS	HIPS
		Color		-	White	White	White
		Net Weight		kg	5.9	5.9	5.9
		Shipping Weight		kg	8	8	8
		Net Dimensions (WxHxD)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
		Shipping Dimensions (WxHxD)		mm	1,005 x 100 x 1,005	1,005 x 100 x 1,005	1,005 x 100 x 1,005
	Panel (3)	Model Name		-	PC4NBSKAN	PC4NBSKAN	PC4NBSKAN
		Type		-	Waffle Type	Waffle Type	Waffle Type
		Material		-	HIPS	HIPS	HIPS
		Color		-	Black	Black	Black
		Net Weight		kg	5.9	5.9	5.9
		Shipping Weight		kg	8	8	8
		Net Dimensions (WxHxD)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
		Shipping Dimensions (WxHxD)		mm	1,005 x 100 x 1,005	1,005 x 100 x 1,005	1,005 x 100 x 1,005
	Panel (4)	Model Name		-	PC4NUSKEN	PC4NUSKEN	PC4NUSKEN
		Type		-	Stripe Type	Stripe Type	Stripe Type
		Material		-	ABS	ABS	ABS
		Color		-	White	White	White
		Net Weight		kg	5.9	5.9	5.9
		Shipping Weight		kg	8	8	8
		Net Dimensions (WxHxD)		mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
		Shipping Dimensions (WxHxD)		mm	1,005 x 100 x 1,005	1,005 x 100 x 1,005	1,005 x 100 x 1,005
	Control System	Infrared remote control		-	AR-EH03E	AR-EH03E	AR-EH03E
		Wired remote control		-	MWR-WE13N MWR-WG00*N	MWR-WE13N MWR-WG00*N	MWR-WE13N MWR-WG00*N
	Drain Pump	Drain Pump		-	Included	Included	Included
		Max. lifting Height / Displacement		mm / Liter / h	750/24	750/24	750/24
	Additional Accessories	Drain Pump	External Model	-	-	-	-
			Internal Model	-	-	-	-
			Max. lifting Height / Displacement	mm / Liter / h	-	-	-
		Air Filter		-	Removable / Washable	Removable / Washable	Removable / Washable
		Virus Doctor		-	Option	Option	Option

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Outdoor Unit	Model Name		Indoor Unit		AC120RN4DKG/EU	AC120RN4DKG/EU	AC140RN4DKG/EU	AC140RN4DKG/EU
			Outdoor Unit		AC120RXADKG/EU	AC120RXADNG/EU	AC140RXADKG/EU	AC140RXADNG/EU
	Power Supply			Ø, #, V, Hz	1, 2, 220-240, 50	3, 4, 380-415, 50	1, 2, 220-240, 50	3, 4, 380-415, 50
	Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube
		Material	Fin	-	Al	Al	Al	Al
			Tube	-	Cu	Cu	Cu	Cu
		Fin Treatment		-	Anti-Corrosion	Anti-Corrosion	Anti-Corrosion	Anti-Corrosion
	Compressor	Model Name			UB5TN5450FJX	UB5TN5450FJX	UB5TN5450FJX	UB5TN5450FJX
		Type		-	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
		Output		kW	4.25	4.25	4.25	4.25
	Oil	Type		-	POE	POE	POE	POE
			Initial charge	cc	1,700	1,700	1,700	1,700
	Fan	Type		-	Propeller	Propeller	Propeller	Propeller
		Discharge direction		-	Front	Front	Front	Front
		Quantity		EA	1	1	2	2
		Air Flow Rate		m ³ /min	72	72	110	110
				l/s	1,200	1,200	1,833	1,833
	Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
		Output		W x n	125 x 1	125 x 1	125 x 2	125 x 2
	Sound	Sound Pressure Level	Cooling	dB(A)	54	54	53	53
			Heating	dB(A)	56	56	54	54
		Sound Power Level		dB(A)	70	70	69	69
	External Dimension	Net Weight		kg	81.0	80.0	91.5	90.5
		Shipping Weight		kg	86.0	85.0	100.0	99.0
		Net Dimensions (WxHxD)		mm	940 x 998 x 330	940 x 998 x 330	940 x 1,210 x 330	940 x 1,210 x 330
		Shipping Dimensions (WxHxD)		mm	995 x 1,096 x 426	995 x 1,096 x 426	995 x 1,388 x 426	995 x 1,388 x 426
	Casing	Material	Body	-	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate	EGI Steel Plate
	Operating Temp. Range	Cooling		°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
		Heating		°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24

NOTE

- Specification may be subject to change without prior notice.
- 1) Performances are based on the following test conditions.
 - Cooling : Indoor temperature 27°C DB, 19°C WB, Outdoor temperature 35°C DB, 24°C WB
 - Heating : Indoor temperature 20°C DB, 15°C WB, Outdoor temperature 7°C DB, 6°C WB
 - Equivalent refrigerant pipe length 5m, Level differences 0m
- 2) Select wire size based on the value of MCA
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20uPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power : 1pW
 - Measured according to ISO 3741
- 5) These products contain R32(GWP=675) which is fluorinated greenhouse gas.
- 6) 'MWR-WG00*N' is new wired remote control type(Graphic).
If you need the latest control system information, please refer to SAC control TDB.

2. Summary Table

Wind-Free 4Way Cassette

Performance Characteristics

Model Code	Net Weight (kg)	Capacity			Fan Speed	Airflow (CMM)	Sound Pressure Level (dBA)	Sound Power Level (dBA)
			Cooling (kW)	Heating (kW)				
AC052RN4DKG/EU	15.0	Max.	6.50	7.00	High	15.0	36	53
		Std.	5.00	6.00	Mid	14.0	33	
		Min.	1.00	1.00	Low	13.0	29	
AC071RN4DKG/EU	15.0	Max.	8.70	9.00	High	19.5	36	53
		Std.	7.10	8.00	Mid	16.5	33	
		Min.	1.50	1.90	Low	14.5	29	
AC100RN4DKG/EU	18.0	Max.	12.00	15.50	High	31.0	44	61
		Std.	10.00	11.20	Mid	25.0	39	
		Min.	3.00	2.20	Low	19.0	33	
AC120RN4DKG/EU	18.0	Max.	13.50	15.50	High	32.0	45	61
		Std.	12.00	13.20	Mid	26.0	40	
		Min.	3.50	3.50	Low	20.0	35	
AC140RN4DKG/EU	20.0	Max.	15.50	18.00	High	32.0	45	61
		Std.	13.40	15.50	Mid	27.0	41	
		Min.	3.50	3.50	Low	22.0	37	

NOTE

- Sound data is based on cooling operation.

Electric Characteristics

Model		Outdoor Unit				Input Current (Amperes)				Power Supply	
Indoor Unit	Outdoor Unit	Rated Hz	Voltage range			Outdoor Unit		Indoor Unit	Total	MCA(A)	MFA(A)
			Volts	Min.	Max.	Cooling	Heating				
AC052RN4DKG/EU	AC052RXADKG/EU	50	220 to 240	198	264	16.5	16.5	1.0	17.5	17.5	20.6
AC071RN4DKG/EU	AC071RXADKG/EU	50	220 to 240	198	264	16.5	16.5	1.0	17.5	17.5	20.6
AC100RN4DKG/EU	AC100RXADKG/EU	50	220 to 240	198	264	24.0	24.0	1.0	25.0	25.0	30.0
AC100RN4DKG/EU	AC100RXADNG/EU	50	380 to 415	342	456.5	16.1	16.1	1.0	17.1	17.1	17.1
AC120RN4DKG/EU	AC120RXADKG/EU	50	220 to 240	198	264	24.0	24.0	1.0	25.0	25.0	30.0
AC120RN4DKG/EU	AC120RXADNG/EU	50	380 to 415	342	456.5	16.1	16.1	1.0	17.1	17.1	17.1
AC140RN4DKG/EU	AC140RXADKG/EU	50	220 to 240	198	264	32.0	32.0	1.0	33.0	33.0	40.0
AC140RN4DKG/EU	AC140RXADNG/EU	50	380 to 415	342	456.5	16.1	16.1	1.0	17.1	17.1	17.1

NOTE

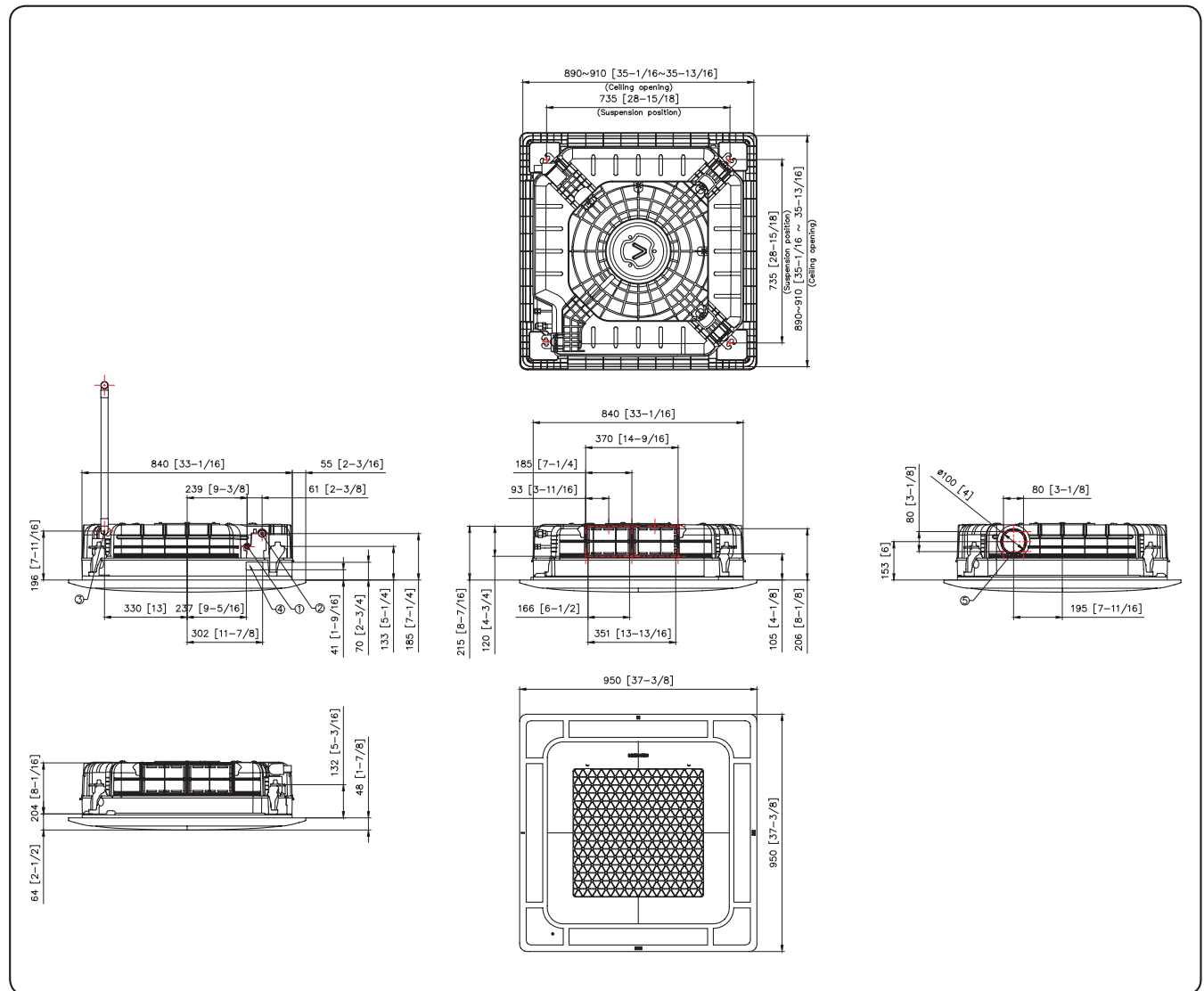
- MCA : Minimum circuit amperes
- MFA : Maximum fuse amperes
- Select wire size based on the value of MCA

4. Dimensional Drawing

Wind-Free 4Way Cassette

AC052/071RN4DKG/EU

Units : mm [inches]



No.	Name	Description	
		AC052RN4DKG/EU	AC071RN4DKG/EU
1	Liquid pipe connection	Φ6.35(1/4)	
2	Gas pipe connection	Φ12.7(1/2)	Φ15.88(5/8)
3	Drain pipe connection	VP-25(OD32, ID25)	
4	Power supply & Communication wiring conduit		
5	Fresh air intake knockout hole	Φ10[4] , Use M4 Screw	



NOTE

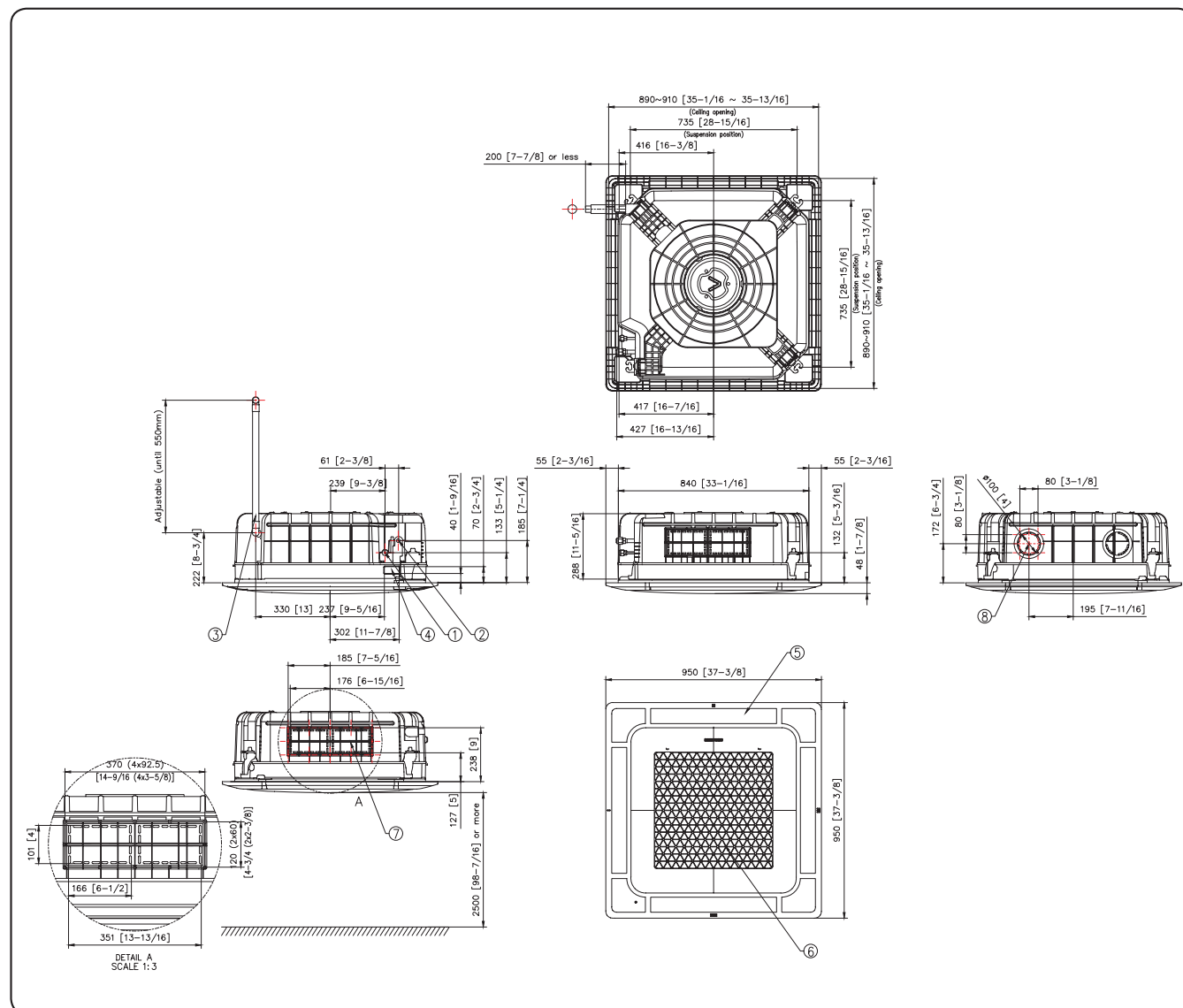
- As for suspension bolt, please use M8 ~ M10.
(Procured at local site)

4. Dimensional Drawing

Wind-Free 4Way Cassette

AC100/120/140RN4DKG/EU

Units : mm [inches]



No.	Name	Description
1	Liquid pipe connection	Ø9.52 (3/8)
2	Gas pipe connection	Ø15.88 (5/8)
3	Drain pipe connection	VP25(OD32, ID25)
4	Conduit for power supply & communication wiring	
5	Air inlet grille	
6	Air outlet louver	
7	Sub-duct	* The sub duct is not applicable to the Wind-Free Panel.
8	Fresh air intake	

NOTE

- As for suspension bolt, please use M8 ~ M10.
(Procured at local site)

1. Summary Table

Outdoor Units

Performance Characteristics

Capacity kW	Model Code	Net Size (WxHxD mm)	Net Weight (kg)	Airflow (CMM)	Sound Pressure Level (dBA)		Sound Power Level (dBA)
					Cooling	Heating	
2.6	AC026RXADKG/EU	790 x 548 x 285	32.5	29	46	47	59
3.5	AC035RXADKG/EU	790 x 548 x 285	32.5	30	48	48	61
5.2	AC052RXADKG/EU	880 x 638 x 310	43.0	40	48	48	62
7.1	AC071RXADKG/EU	880 x 798 x 310	51.0	51	49	51	65
10.0	AC100RXAD*G/EU	940 x 998 x 330	72.0	72	52	54	69
12.0	AC120RXAD*G/EU	940 x 998 x 330	77.0	72	54	56	70
13.4	AC140RXAD*G/EU	940 x 1,210 x 330	87.0	110	53	54	69

NOTE

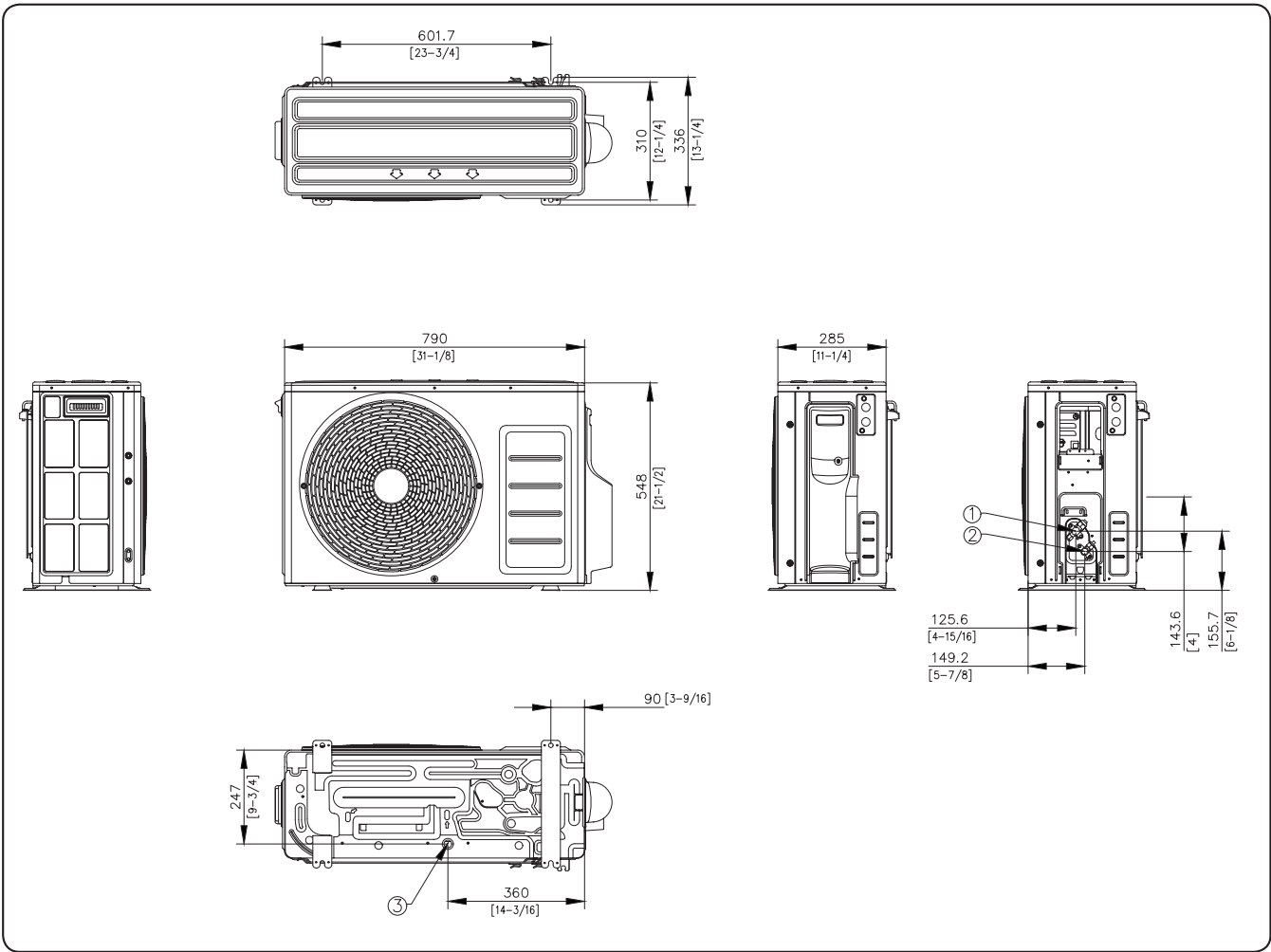
- Sound power level is based on cooling operation.

2. Dimensional Drawing

Outdoor Units

AC026/035RXADKG/EU

Units : mm [inches]



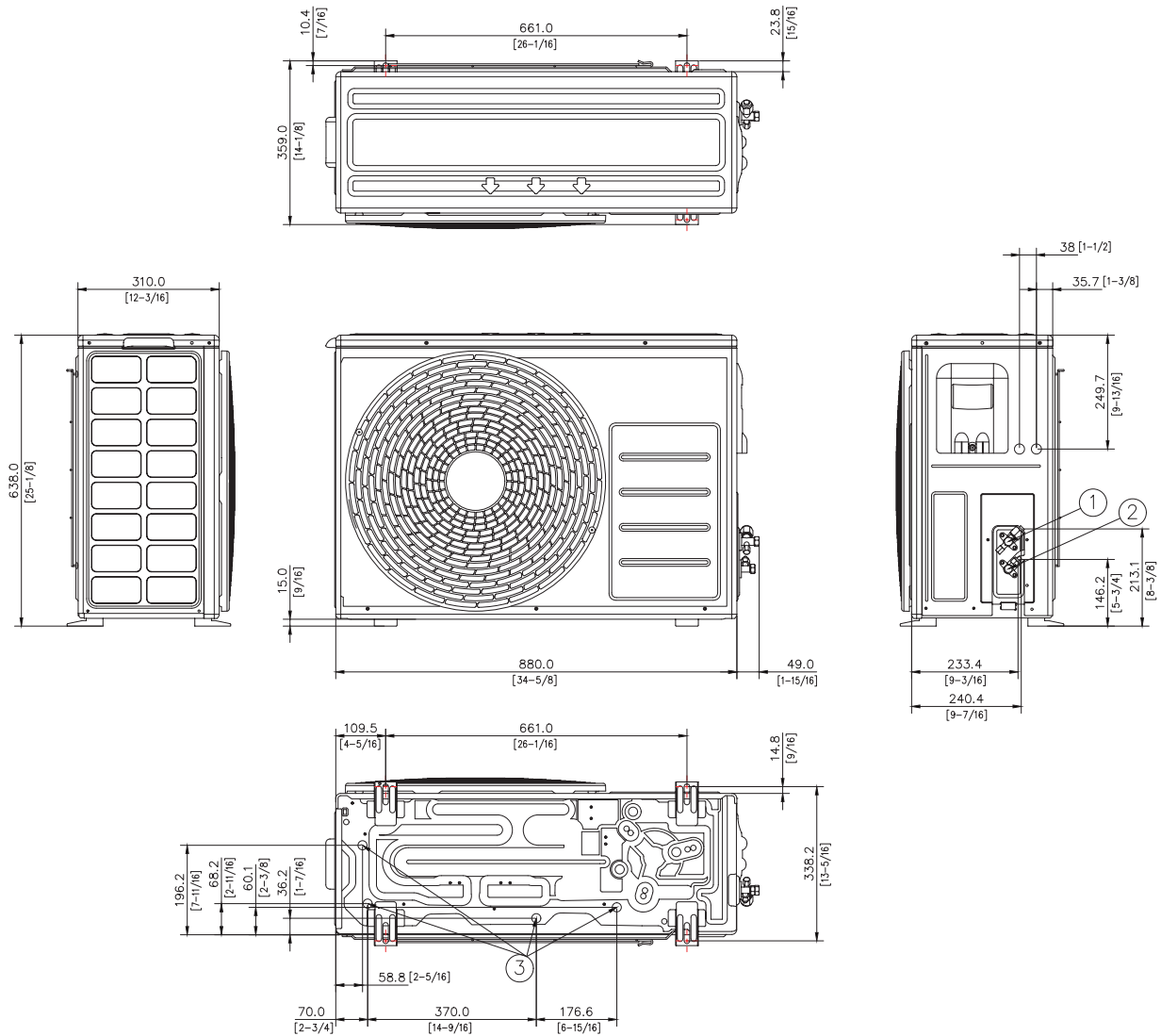
No.	Name	Description
1	Refrigerant gas pipe	Φ9.52(3/8)
2	Refrigerant liquid pipe	Φ6.35(1/4)
3	Drain Hole	Connection with the provided drain plug.

2. Dimensional Drawing

Outdoor Units

AC052RXADKG/EU

Units : mm [inches]



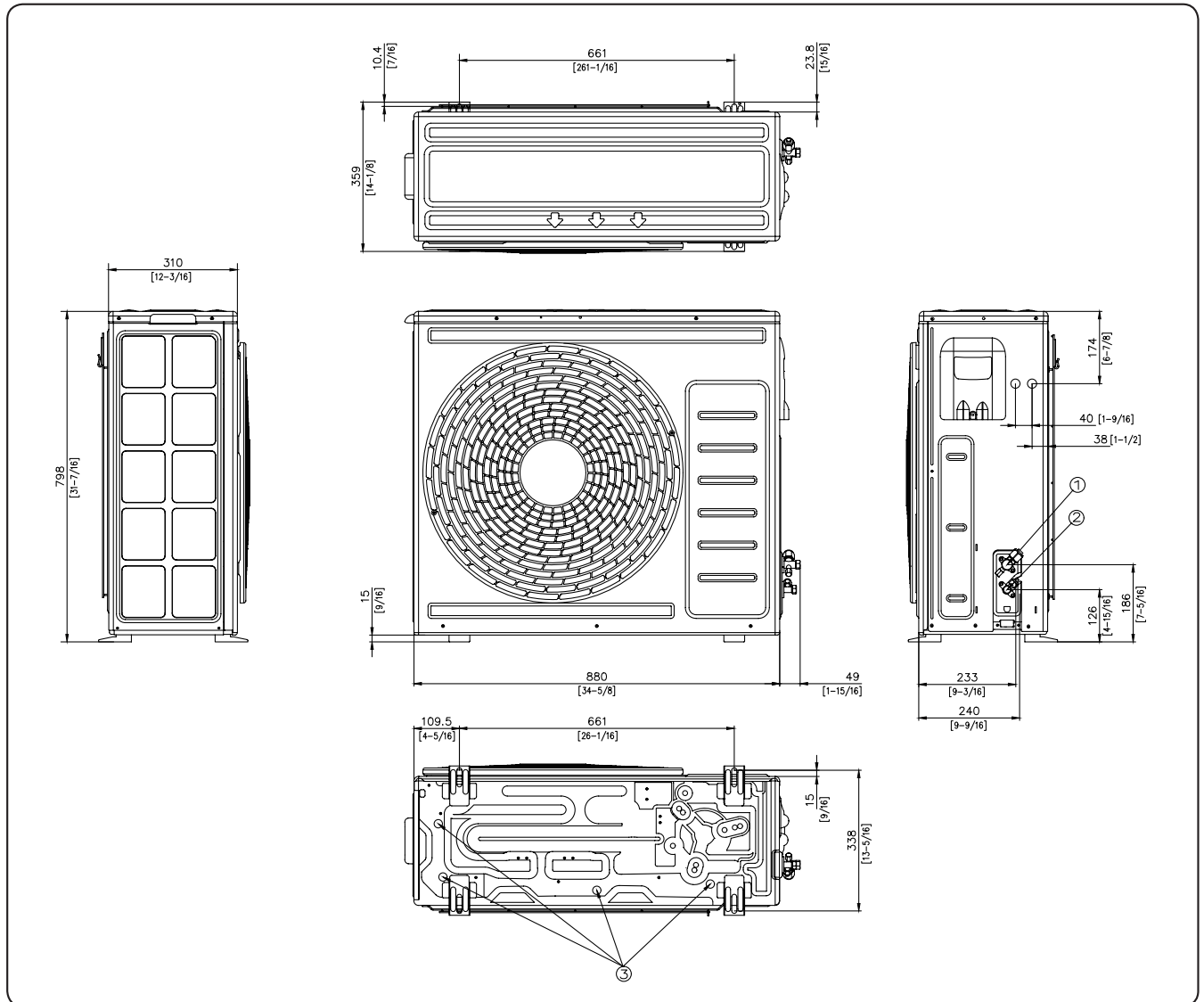
No.	Name	Description
1	Refrigerant gas pipe	Φ12.7(1/2)
2	Refrigerant liquid pipe	Φ6.35(1/4)
3	Drain Hole	Φ20

2. Dimensional Drawing

Outdoor Units

AC071RXADKG/EU

Units : mm [inches]



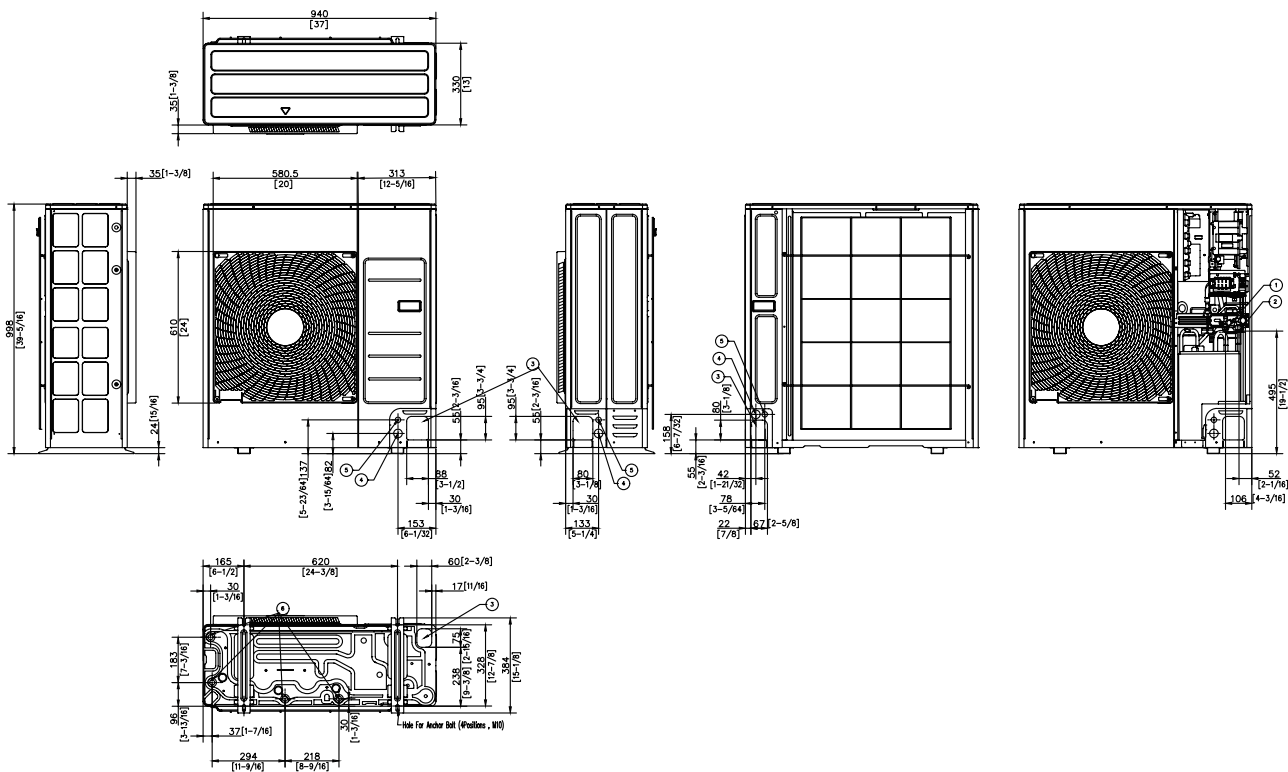
No.	Name	Description
1	Refrigerant gas pipe	Φ15.88(5/8)
2	Refrigerant liquid pipe	Φ6.35(1/4)
3	Drain Hole	Connection with the provided drain plug.

2. Dimensional Drawing

Outdoor Units

AC100/120RXAD*G/EU

Units : mm [inches]



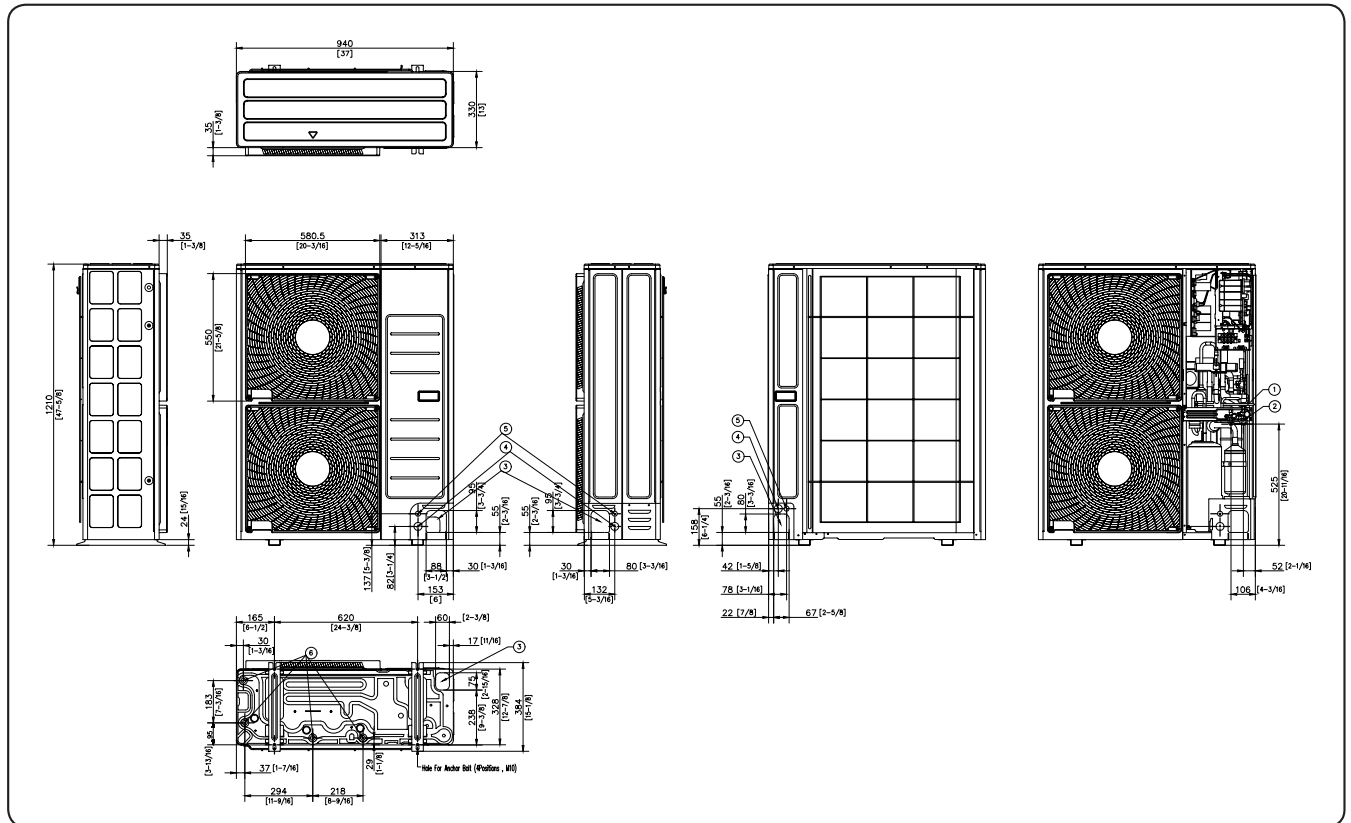
No.	Name	Description
1	Liquid pipe connection	Ø9.52 (3/8)
2	Gas pipe connection	Ø15.88 (5/8)
3	Piping intake knockout hole	Front / Side / Rear / Bottom
4	Power wiring conduit	Front / Side / Rear / Ø34 (1-3/8)
5	Communication wiring conduit	Front / Side / Rear / Ø22 (7/8)
6	Drain hole	Connect with the provided drain plug.

2. Dimensional Drawing

Outdoor Units

AC140RXAD*G/EU

Units : mm [inches]



No.	Name	Description
1	Liquid pipe connection	Ø9.52 (3/8)
2	Gas pipe connection	Ø15.88 (5/8)
3	Piping intake knockout hole	Front / Side / Rear / Bottom
4	Power wiring conduit	Front / Side / Rear / Ø34 (1-3/8)
5	Communication wiring conduit	Front / Side / Rear / Ø22 (7/8)
6	Drain hole	Connect with the provided drain plug.