

1. Specification

Wall Mounted Type (Wind-Free™)

System	Model Name	Indoor Unit		AC026TNXDKG/EU	AC035TNXDKG/EU	
		Outdoor Unit		AC026RXADKG/EU	AC035RXADKG/EU	
	Mode			-	HEAT PUMP	HEAT PUMP
	Performance	Capacity (Min/Std/Max)	Cooling	kW	1.0 / 2.6 / 4.0	1.0 / 3.5 / 4.5
				Btu/h	3,410 / 8,870 / 13,650	3,410 / 11,940 / 15,350
			Heating	kW	0.8 / 3.3 / 4.0	0.8 / 4.0 / 4.8
				Btu/h	2,730 / 11,260 / 13,650	2,730 / 13,650 / 16,380
	Power	Power Input (Min/Std/Max)	Cooling	kW	0.18 / 0.64 / 1.20	0.19 / 1.00 / 1.40
			Heating	kW	0.15 / 0.88 / 1.35	0.15 / 1.21 / 1.40
		Current Input (Min/Std/Max)	Cooling	A	1.4 / 3.1 / 5.5	1.4 / 4.6 / 6.0
			Heating	A	1.2 / 4.2 / 6.0	1.2 / 5.6 / 6.2
		Current	MCA	A	11.2	11.2
			MFA	A	12.5	12.5
	Efficiency	EER	Cooling	-	4.06	3.50
		COP	Heating	-	3.75	3.31
		SEER (Cooling Energy Grade)		-	7.0 (A++)	6.9 (A++)
		SCOP (Heating Energy Grade)		-	4.1 (A+)	4.1 (A+)
		Pdesignh		kW	2.1	2.1
	Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection
				Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)
		Gas Pipe		Type	Flare connection	Flare connection
				Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)
		Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes
		Piping length (ODU-IDU)	Standard	m	5	5
			Max.	m	20	20
			Elevation	m	15	15
Chargeless	m		20	20		
Wiring connections	Communication	Min.	mm²	0.75	0.75	
		Remark	-	F1, F2	F1, F2	
Refrigerant	Type		-	R32	R32	
	Factory Charging		kg	0.9	0.9	
			tCO ₂ e	0.61	0.61	

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Indoor Unit	Model Name	Indoor Unit		AC026TNXDKG/EU	AC035TNXDKG/EU
		Outdoor Unit		AC026RXADKG/EU	AC035RXADKG/EU
	Power Supply		Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50
	Heat Exchanger	Type		-	F&T
		Material	Fin	-	Al
			Tube	-	Cu
		Fin Treatment		-	Green Hydrophile
	Fan	Type		-	Crossflow Fan
		Quantity		EA	1
		Air Flow Rate	Cooling (H/M/L)	m ³ /min	10.3 / 8.4 / 7.0
				l/s	172 / 140 / 117
			Heating (H/M/L)	m ³ /min	11.2 / 9.3 / 7.9
				l/s	187 / 155 / 132
	Fan Motor	Type		-	BLDC
		Output		W x n	27
	Drain	Drain Pipe		Φ, mm	ID18mm Hose
	Sound	Sound Pressure Level	High/Mid/Low/(Silent)	dB(A)	36 / 30 / 24 / 21
		Sound Power Level		dB(A)	56
	External Dimension	Net Weight		kg	9.1
		Shipping Weight		kg	10.7
		Net Dimensions (WxHxD)		mm	820 x 299 x 215
		Shipping Dimensions (WxHxD)		mm	880 x 290 x 375
	Casing	Material		-	PS-HI
	Control System	Infrared remote control		-	AR-EH03E
		Wired remote control		-	MWR-WE13N MWR-WG00*N
	Drain Pump	Drain Pump		-	-
		Max. lifting Height / Displacement		mm / Liter / h	-
	Additional Accessories	Drain Pump	External Model	-	-
			Internal Model	-	-
			Max. lifting Height / Displacement	mm / Liter / h	-
		Air Filter		-	Removable / Washable
		Virus Doctor		-	-

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Wall Mounted Type (Wind-Free™)

Outdoor Unit	Model Name		Indoor Unit		AC026TNXDKG/EU		AC035TNXDKG/EU			
			Outdoor Unit		AC026RXADKG/EU		AC035RXADKG/EU			
	Power Supply			Ø, #, V, Hz		1, 2, 220-240, 50		1, 2, 220-240, 50		
	Heat Exchanger	Type		-		Fin & Tube		Fin & Tube		
		Material	Fin		-		Al		Al	
			Tube		-		Cu		Cu	
		Fin Treatment		-		Anti-Corrosion		Anti-Corrosion		
	Compressor	Model Name				UB9AK5090FER		UB9AK5090FER		
		Type		-		Single BLDC		Single BLDC		
		Output		kW		0.86		0.86		
		Oil	Type		-		POE		POE	
			Initial charge		cc		320		320	
	Fan	Type		-		Propeller		Propeller		
		Discharge direction		-		Front		Front		
		Quantity		EA		1		1		
		Air Flow Rate		m³/min		30		30		
				l/s		500		500		
	Fan Motor	Type		-		BLDC Motor		BLDC Motor		
		Output		W x n		40 x 1		40 x 1		
	Sound	Sound Pressure Level	Cooling	dB(A)		46		48		
Heating			dB(A)		47		48			
Sound Power Level		dB(A)		59		61				
External Dimension	Net Weight		kg		32.5		32.5			
	Shipping Weight		kg		35.5		35.5			
	Net Dimensions (WxHxD)		mm		790 x 548 x 285		790 x 548 x 285			
	Shipping Dimensions (WxHxD)		mm		913 x 622 x 371		913 x 622 x 371			
Casing	Material	Body		-		EGI Steel Plate		EGI Steel Plate		
Operating Temp. Range	Cooling		°C		-15 ~ 46		-15 ~ 46			
	Heating		°C		-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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Wall Mounted Type (Wind-Free™)

System	Model Name	Indoor Unit		AC052TNXDKG/EU	AC071TNXDKG/EU	
		Outdoor Unit		AC052RXADKG/EU	AC071RXADKG/EU	
	Mode			-	HEAT PUMP	
	Performance	Capacity (Min/Std/Max)	Cooling	kW	1.5 / 5.0 / 6.8	2.0 / 7.1 / 8.7
				Btu/h	5,120 / 17,060 / 23,200	6,820 / 24,230 / 29,690
			Heating	kW	1.0 / 6.0 / 6.5	1.6 / 8.0 / 9.0
				Btu/h	3,410 / 20,470 / 22,180	5,460 / 27,300 / 30,710
	Power	Power Input (Min/Std/Max)	Cooling	kW	0.24 / 1.40 / 2.20	0.39 / 2.30 / 3.40
			Heating	kW	0.20 / 1.75 / 2.05	0.33 / 2.35 / 3.30
		Current Input (Min/Std/Max)	Cooling	A	1.5 / 6.3 / 9.6	2.5 / 10.0 / 14.7
			Heating	A	1.3 / 7.8 / 8.8	2.0 / 10.3 / 14.5
		Current	MCA	A	17.7	17.7
			MFA	A	20.6	20.6
	Efficiency	EER	Cooling	-	3.57	3.09
		COP	Heating	-	3.43	3.40
		SEER (Cooling Energy Grade)		-	6.9 (A++)	6.8 (A++)
		SCOP (Heating Energy Grade)		-	3.9 (A)	4.0 (A+)
		Pdesignh		kW	2.4	3.6
	Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection
				Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)
		Gas Pipe		Type	Flare connection	Flare connection
				Φ, mm (inch)	12.7 (1/2)	15.88 (5/8)
		Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes
		Piping length (ODU-IDU)	Standard	m	5	5
			Max.	m	30	50
			Elevation	m	20	30
	Chargeless		m	10	15	
Wiring connections	Communication	Min.	mm²	0.75	0.75	
		Remark	-	F1, F2	F1, F2	
Refrigerant	Type		-	R32	R32	
	Factory Charging		kg	1.2	1.7	
			tCO ₂ e	0.81	1.15	

1. Specification

Wall Mounted Type (Wind-Free™)

Indoor Unit	Model Name	Indoor Unit			AC052TNXDKG/EU	AC071TNXDKG/EU
		Outdoor Unit			AC052RXADKG/EU	AC071RXADKG/EU
	Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50
	Heat Exchanger	Type		-	F&T	F&T
		Material	Fin	-	Al	Al
			Tube	-	Cu	Cu
		Fin Treatment		-	Green Hydrophile	Green Hydrophile
	Fan	Type		-	Crossflow Fan	Crossflow Fan
		Quantity		EA	1	1
		Air Flow Rate	Cooling (H/M/L)	m³/min	16.7 / 13.9 / 11.8	17.8 / 15.2 / 13.2
				l/s	278 / 232 / 197	297 / 253 / 220
			Heating (H/M/L)	m³/min	16.7 / 13.9 / 11.8	19.1 / 16.5 / 14.5
				l/s	278 / 232 / 197	318 / 275 / 242
	Fan Motor	Type		-	BLDC	BLDC
		Output		W x n	27	27
	Drain	Drain Pipe		Φ, mm	ID18mm Hose	ID18mm Hose
	Sound	Sound Pressure Level	High/Mid/Low/(Silent)	dB(A)	42 / 37 / 32 / 25	44 / 39 / 35 / 30
		Sound Power Level		dB(A)	60	61
	External Dimension	Net Weight		kg	11.7	12.7
		Shipping Weight		kg	13.7	14.7
		Net Dimensions (WxHxD)		mm	1055 x 299 x 215	1055 x 299 x 215
		Shipping Dimensions (WxHxD)		mm	1115 x 290 x 375	1115 x 290 x 375
	Casing	Material		-	PS-HI	PS-HI
	Control System	Infrared remote control		-	AR-EH03E	AR-EH03E
		Wired remote control		-	MWR-WE13N MWR-WG00*N	MWR-WE13N MWR-WG00*N
	Drain Pump	Drain Pump		-	-	-
		Max. lifting Height / Displacement		mm / Liter / h	-	-
	Additional Accessories	Drain Pump	External Model	-	-	-
			Internal Model	-	-	-
			Max. lifting Height / Displacement	mm / Liter / h	-	-
		Air Filter		-	Removable / Washable	Removable / Washable
		Virus Doctor		-	-	-

1. Specification

Wall Mounted Type (Wind-Free™)

Outdoor Unit	Model Name		Indoor Unit	AC052TNXDKG/EU	AC071TNXDKG/EU
			Outdoor Unit	AC052RXADKG/EU	AC071RXADKG/EU
	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		UB9TK3150FE4	UB4TN8200FE4
		Type		-	Twin BLDC
		Output		kW	1.51
		Oil	Type	-	POE
			Initial charge	cc	500
	Fan	Type		-	Propeller
		Discharge direction		-	Front
		Quantity		EA	1
		Air Flow Rate		m³/min	40
				l/s	667
	Fan Motor	Type		-	BLDC Motor
		Output		W x n	125 x 1
	Sound	Sound Pressure Level	Cooling	dB(A)	48
			Heating	dB(A)	49
		Sound Power Level		dB(A)	48
	External Dimension	Net Weight		kg	62
		Shipping Weight		kg	65
		Net Dimensions (WxHxD)		mm	43.0
		Shipping Dimensions (WxHxD)		mm	51.0
	Casing	Material	Body	-	880 x 638 x 310
					1023 x 742 x 413
	Operating Temp. Range	Cooling		°C	880 x 798 x 310
		Heating		°C	1023 x 896 x 413
					EGI Steel Plate
					EGI Steel Plate
					-15 ~ 50
					-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

Wall Mounted Type (Wind-Free™)

Performance Characteristics

Model Code	Net Weight (kg)	Capacity			Fan Speed	Airflow (CMM)	Sound Pressure Level (dBA)	Sound Power Level (dBA)
			Cooling (kW)	Heating (kW)				
AC026TNXDKH/EU	32.5	Max.	4.0	4.0	High	10.3	36	56
		Std.	2.6	3.3	Mid	8.4	30	
		Min.	1.0	0.8	Low	7.0	24	
AC035TNXDKH/EU	32.5	Max.	4.5	4.8	High	12.2	40	59
		Std.	3.5	4.0	Mid	9.8	34	
		Min.	1.0	0.8	Low	7.9	28	
AC052TNXDKH/EU	43	Max.	6.8	6.5	High	16.7	42	60
		Std.	5.0	6.0	Mid	13.9	37	
		Min.	1.5	1.0	Low	11.8	32	
AC071TNXDKH/EU	51	Max.	8.7	9.0	High	17.8	44	61
		Std.	7.1	8.0	Mid	15.2	39	
		Min.	2.0	1.6	Low	13.2	35	

NOTE

- Sound data is based on cooling operation.

Electric Characteristics

Model		Outdoor Unit				Input Current (Amperes)				Power Supply	
Indoor Unit	Outdoor Unit	Rated	Voltage range			Outdoor Unit		Indoor Unit	Total	MCA	MFA
		Hz	Volts	Min.	Max.	Cooling	Heating				
AC026TNXDKG/EU	AC026RXADKG/EU	50	220 to 240	198	264	10	10	1.2	11.2	11.2	12.5
AC035TNXDKG/EU	AC035RXADKG/EU	50	220 to 240	198	264	10	10	1.2	11.2	11.2	12.5
AC052TNXDKG/EU	AC052RXADKG/EU	50	220 to 240	198	264	16.5	16.5	1.2	17.7	17.7	20.6
AC071TNXDKG/EU	AC071RXADKG/EU	50	220 to 240	198	264	16.5	16.5	1.2	17.7	17.7	20.6

NOTE

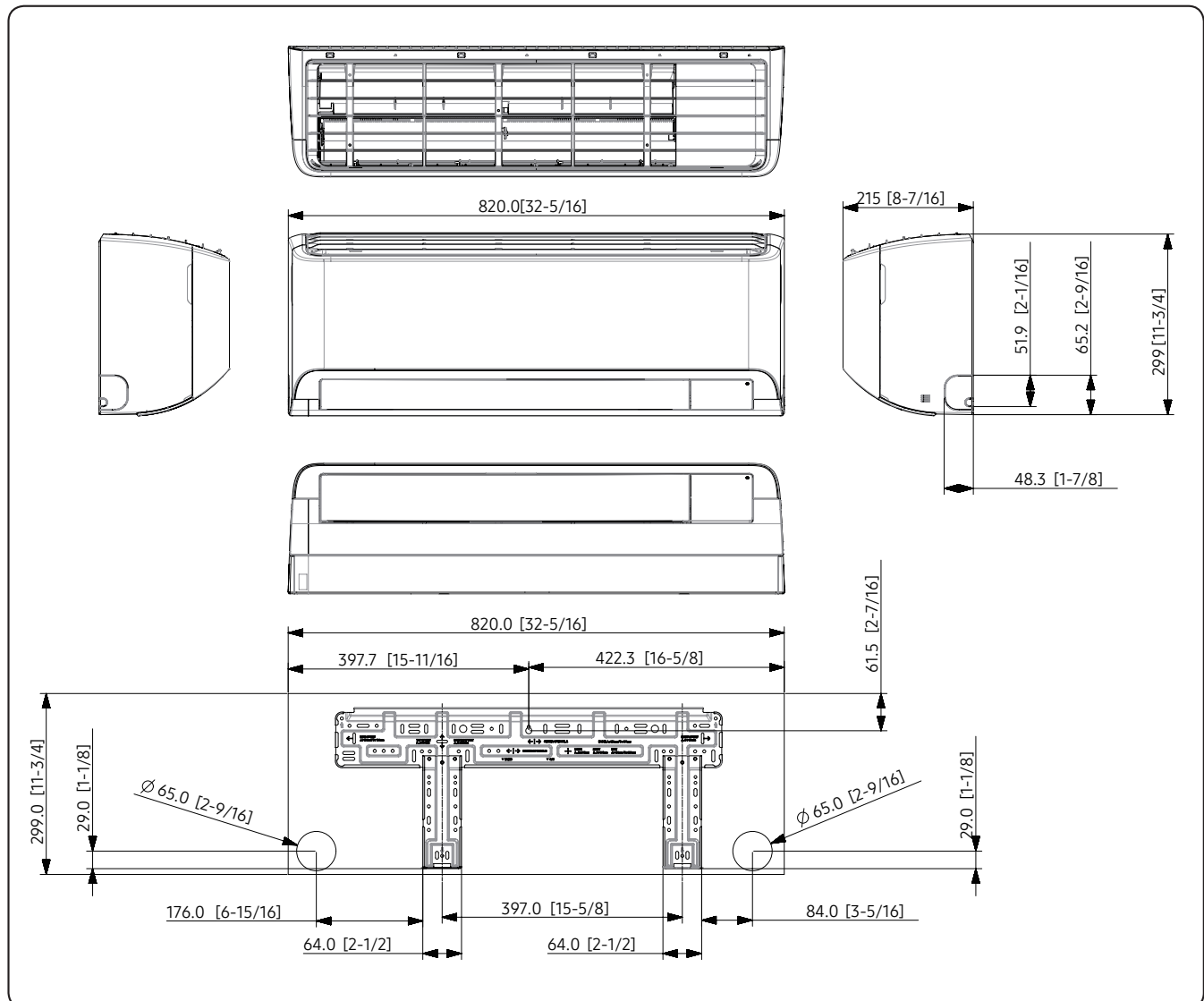
- MCA : Minimum circuit amperes
- MFA : Maximum fuse amperes
- Select wire size based on the value of MCA

4. Dimensional Drawing

Wall Mounted Type (Wind-Free™)

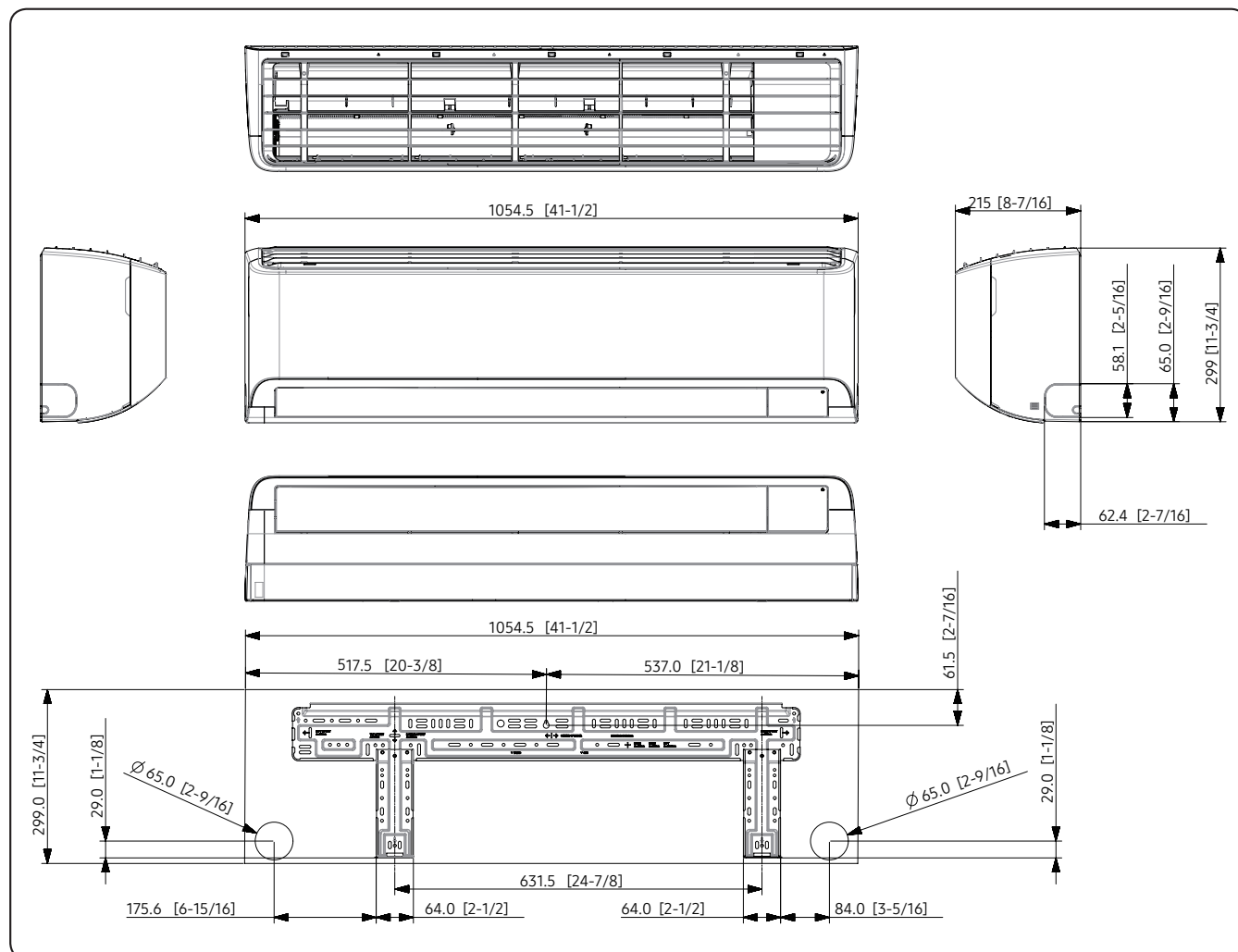
AC026TNXDKG/EU, AC035TNXDKG/EU

Units : mm [inches]



Wall Mounted Type (Wind-Free™)

Units : mm [inches]



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

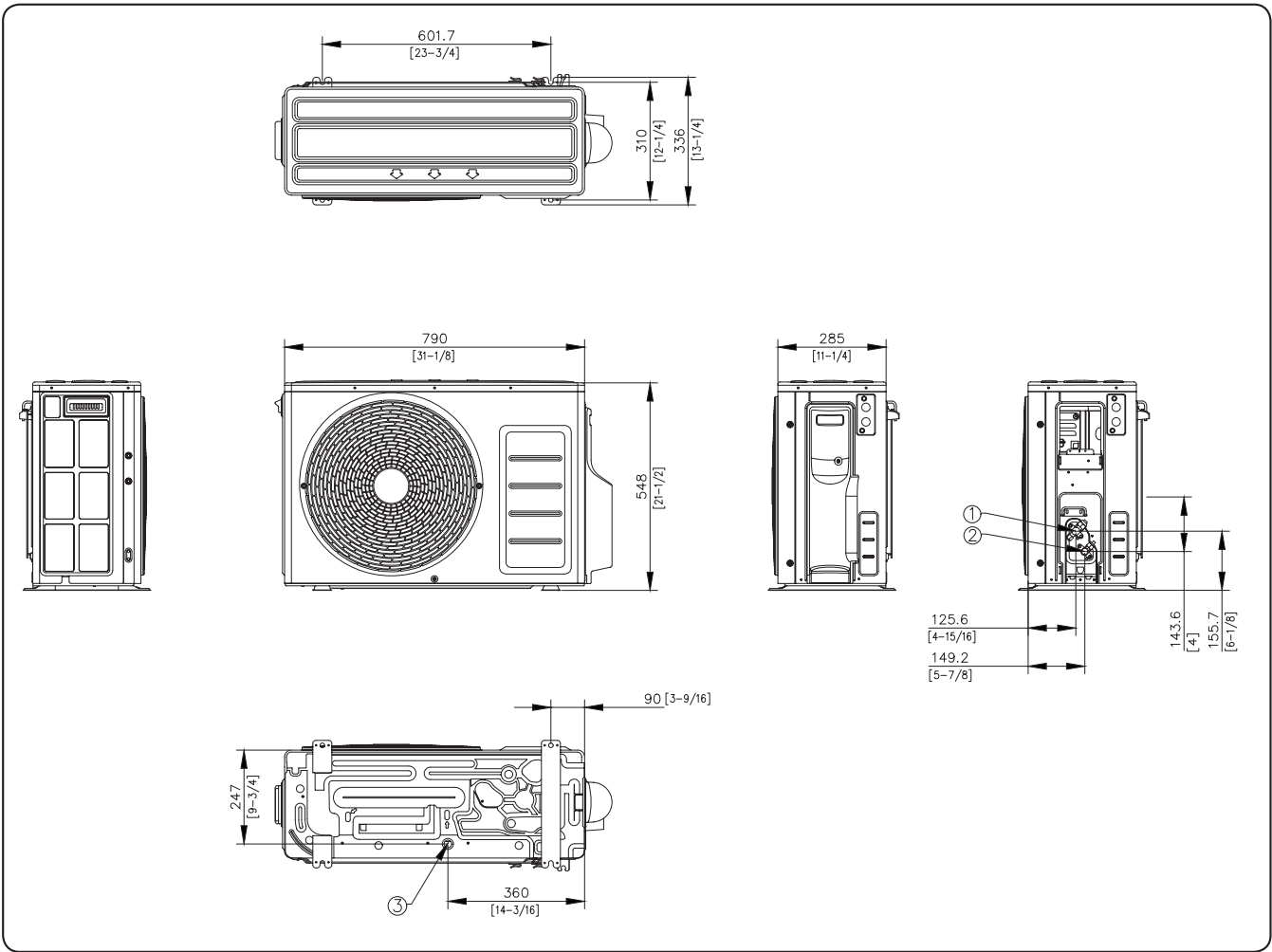
- Sound power level is based on cooling operation.

2. Dimensional Drawing

Outdoor Units

AC026/035RXADKG/EU

Units : mm [inches]



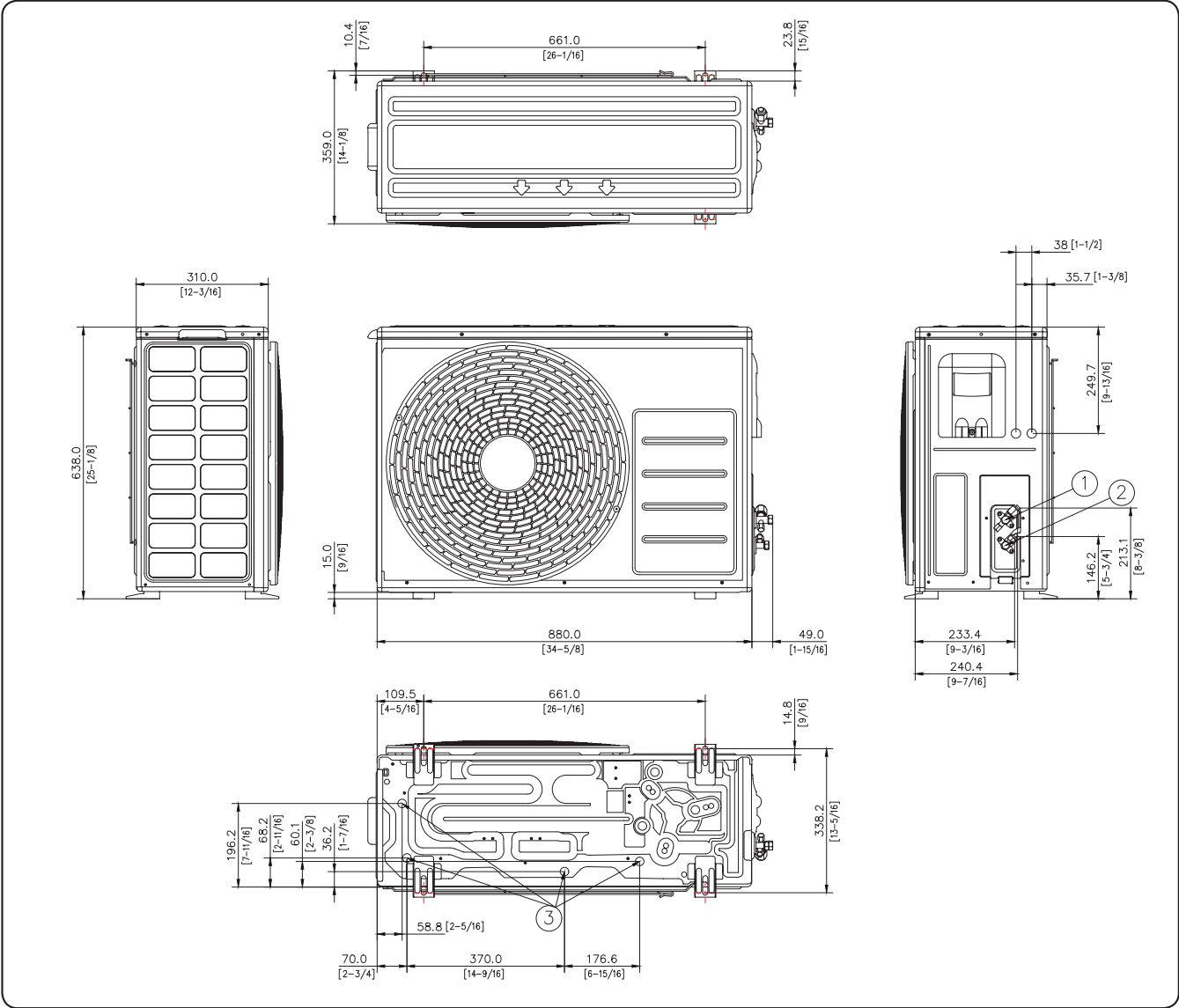
No.	Name	Description
1	Refrigerant gas pipe	Φ9.52(3/8)
2	Refrigerant liquid pipe	Φ6.35(1/4)
3	Drain Hole	Connection with the provided drain plug.

2. Dimensional Drawing

Outdoor Units

AC052RXADKG/EU

Units : mm [inches]



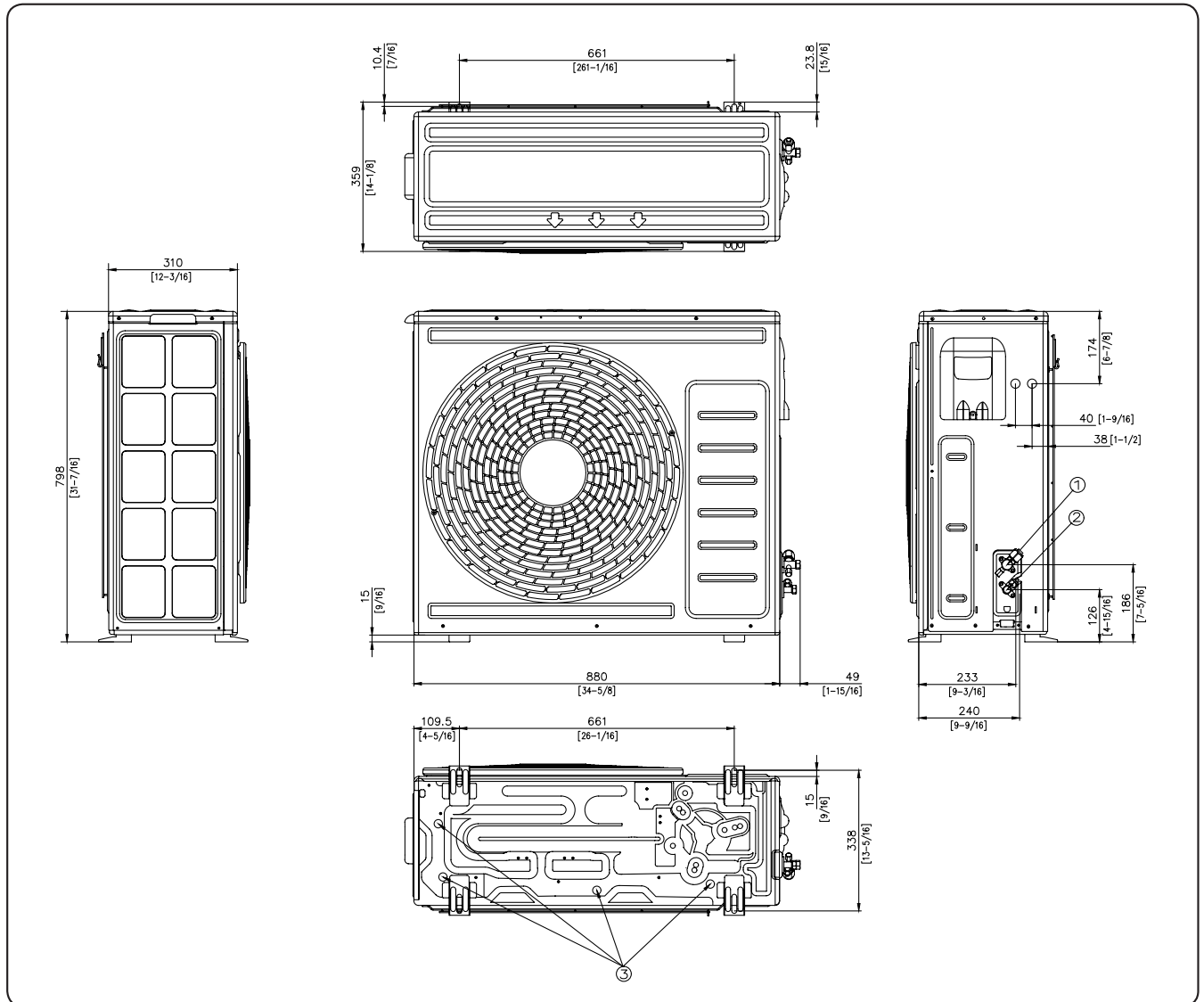
No.	Name	Description
1	Refrigerant gas pipe	Φ12.7(1/2)
2	Refrigerant liquid pipe	Φ6.35(1/4)
3	Drain Hole	Φ20

2. Dimensional Drawing

Outdoor Units

AC071RXADKG/EU

Units : mm [inches]



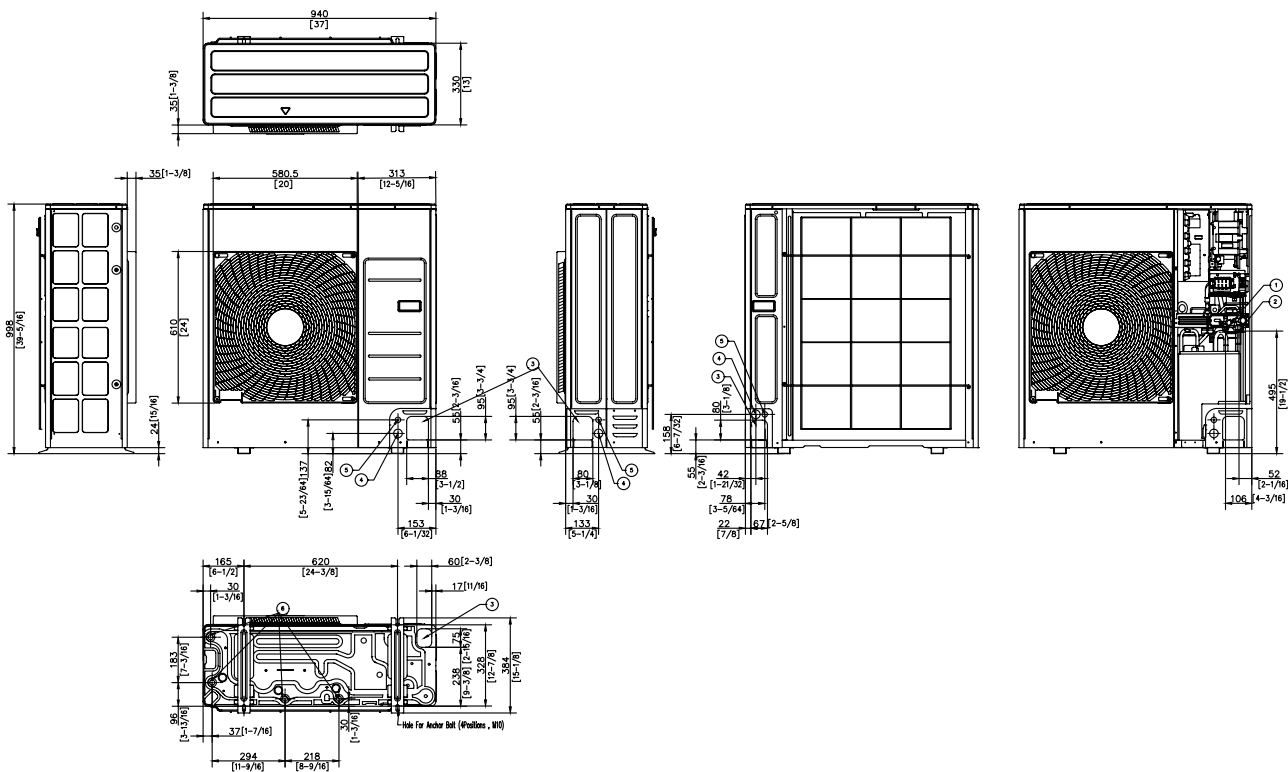
No.	Name	Description
1	Refrigerant gas pipe	Φ15.88(5/8)
2	Refrigerant liquid pipe	Φ6.35(1/4)
3	Drain Hole	Connection with the provided drain plug.

2. Dimensional Drawing

Outdoor Units

AC100/120RXAD*G/EU

Units : mm [inches]



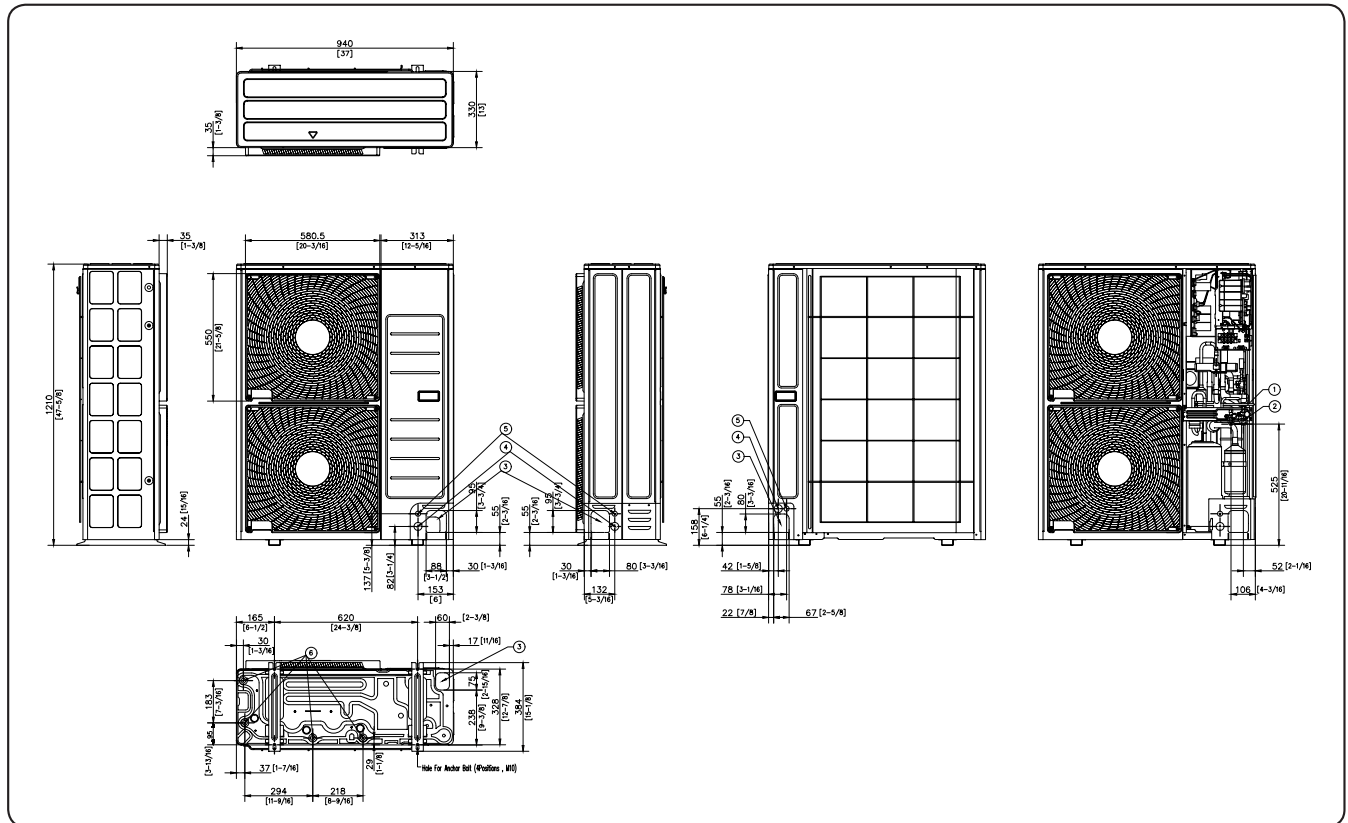
No.	Name	Description
1	Liquid pipe connection	Ø9.52 (3/8)
2	Gas pipe connection	Ø15.88 (5/8)
3	Piping intake knockout hole	Front / Side / Rear / Bottom
4	Power wiring conduit	Front / Side / Rear / Ø34 (1-3/8)
5	Communication wiring conduit	Front / Side / Rear / Ø22 (7/8)
6	Drain hole	Connect with the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