

## 2. Specification

### 2-1. Outdoor units

Type				FREE JOINT MULTI	
Model Name				AJ068TXJ3KG/EU	
Power Supply			Φ, #, V, Hz	1,2,220-240,50	
Mode			-	HEAT PUMP	
Performance	Capacity	Cooling	kW	6.80	
			Btu/h	23,200	
		Heating	kW	8.00	
			Btu/h	27,300	
Maximum number of connectable Indoor Units			EA	3	
Power	Power Input (Nominal)	Cooling	kW	1.80	
		Heating		1.81	
	Current Input (Nominal)	Cooling	A	8.10	
		Heating		8.20	
	Current	MCA	A	17.50	
		MFA	A	20.75	
Efficiency	EER	Cooling	W/W	3.78	
	COP	Heating	W/W	4.42	
	SEER (Grade)		W/W	7.75(A++)	
	SCOP (Grade)		W/W	4.32(A+)	
Casing	Material	Body	-	GI steel plate	
		Base	-	GI steel plate	
Heat Exchanger	Type		-	Fin & Tube	
	Material	Fin	-	Al	
		Tube	-	Cu	
	Fin Treatment		-	Anti-Corrosion	
Compressor	Type		-	Twin BLDC Rotary	
	Output		kW x n	7.65 x 1	
	Model Name		-	KTF235D22UMV	
	Oil	Type		-	ESTER OIL VG74
		Initial Charge		cc	670
Fan	Type		-	Propeller Fan	
	Discharge direction		-	Front (Horizontal)	
	Quantity		EA	1	
	Air Flow Rate		m <sup>3</sup> /min	55.4	
			l/s	923	
	External Static Pressure	Max.	mmAq	-	
Pa			-		
Fan Motor	Type		-	BLDC	
	Output x n		W	125 x 1	

## 2. Specification

Type				FREE JOINT MULTI	
Model Name				AJ068TXJ3KG/EU	
Piping Connections	Liquid Pipe	Type	Flare connection		
		Φ, mm x EA	6.35 x 3		
		Φ, inch x EA	1/4 x 3		
	Gas Pipe	Type	Flare connection		
		Φ, mm x EA	9.52 + 12.70 x 2		
		Φ, inch x EA	3/8 + 1/2 x 2		
	Heat insulation				Both Liquid & Gas pipes
Installation Limitation	Length	Total Piping Length	m	50	
		Max. Length (OD~ID)	m	25	
	Height	Max. Height (OD~ID)	m	15	
		Max. Height (ID~ID)	m	7.5	
Wiring Connections	Communication	Min.	mm <sup>2</sup>	0.75	
		Remark	-	F1, F2	
Refrigerant	Type		-	R32	
	Factory Charging		kg	2.00	
			tCO <sub>2</sub> e	1.35	
Sound	Sound Pressure	Cooling	dB(A)	48	
		Heating		50	
	Sound Power		dBA	64	
External Dimension	Net Weight		kg	57.5	
	Shipping Weight		kg	61.5	
	Net Dimensions (WxHxD)		mm	880 x 798 x 310	
	Shipping Dimensions (WxHxD)		mm	1,023 x 896 x 413	
Operating Temp. Range	Cooling		°C	-10.0 ~ 46.0	
	Heating		°C	-15.0 ~ 24.0	

### NOTE

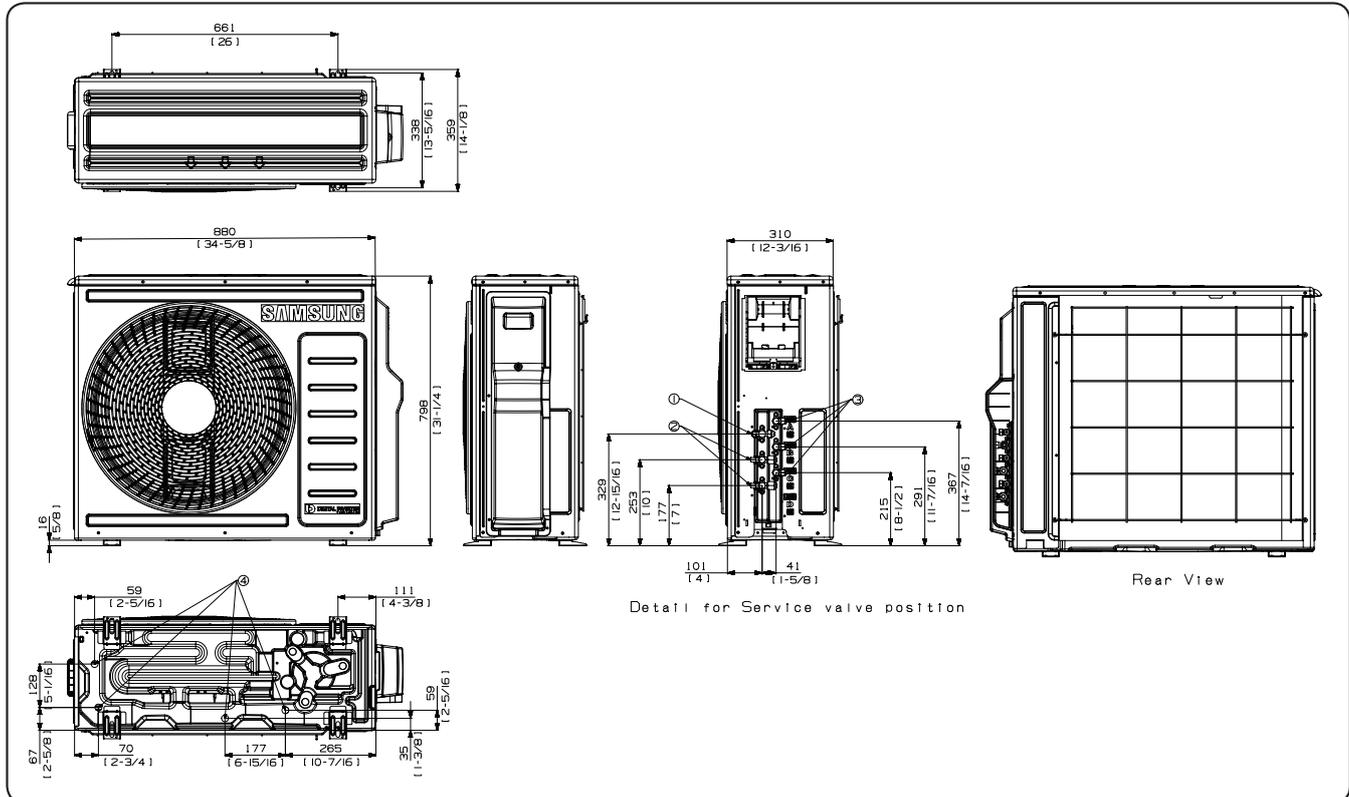
- Specifications may be subject to change without prior notice.
- 1)\* Capacities are based on (Equivalent refrigerant piping : 5m, Level differences : 0m)
  - Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB
  - Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
- 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.

# 5. Dimensional Drawing

## 5-1. Outdoor units

- AJ068TXJ3KG/EU

Unit : mm [inches]



NO	Name	Description
1	Refrigerant gas pipe	Φ9.52 (Φ3/8) x1 EA
2		Φ12.7 (Φ1/2) x 2 EA
3	Refrigerant liquid pipe	Φ6.35 (Φ1/4) X 3 EA
4	Drain hole	Connection with the provided drain plug.