

1. Multiple piping type

1.3 Specifications

Model Name			A2UW183FA2 [LMU187HV]	A3UW243FA2 [LMU247HV]	A4UW363FA2 [LMU369HV]	
Capacity*		Nominal	BTU/h Class	18,000	24,000	36,000
Power Input	Cooling	Min.~Rated~Max.	kW	0.26~1.12~2.37	0.39~1.43~3.09	0.77~2.72~3.92
	Heating	Min.~Rated~Max.	kW	0.28~1.29~2.48	0.42~2.21~3.10	1.12~3.58~4.1
Power Supply			V, ϕ , Hz	208 / 230, 1, 60	208 / 230, 1, 60	208 / 230, 1, 60
Running Current	Cooling	Min.~Rated~Max.	A	1.5~5.2~10.8	2.8~6.6~14.0	3.3~11.8~17.0
	Heating	Min.~Rated~Max.	A	1.5~6.0~11.3	3.0~10.2~14.1	4.9~15.5~17.8
Starting Current	Cooling	Max.	A	-	-	-
	Heating	Max.	A	-	-	-
Wiring Connections	Power Supply Cable (included Earth)		No. x AWG	3C x 14	3C x 12	3C x 12
	Power and Communication Cable (included Earth)		Outdoor ~ BD unit	No. x AWG	-	-
Combination	Maximum sum of Indoor Units Capacity		kBTU/h	24	33	48
	Maximum number of Indoor Units		EA	2	3	4
	Maximum number of BD Units		EA	-	-	-
Casing Color				Warm Gray	Warm Gray	Warm Gray
Dimensions	W x H x D		mm	870x808x320	870x808x320	900x1,165x370
	W x H x D		inch	34-1/4 x 31-13/16 x 12-19/32	34-1/4 x 31-13/16 x 12-19/32	35-7/16 x 45-7/8 x 14-9/16
Net Weight			kg (lbs)	56 (123.5)	59 (130.1)	95 (209.4)
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
	Model		Model x No.	GKT141D x 1	GJT240D x 1	GPT425D x 1
	Motor type			BLDC	BLDC	BLDC
	Motor Output		W x No.	-	-	-
Refrigerant	Type			R410A	R410A	R410A
	Precharged Amount		g (oz)	1,900 (67.0)	2,100 (74.1)	3,500(123.5)
	Chargeless-Pipe Length		m (ft)	15 (49.2)	22.5 (73.8)	30 (98.4)
	Additional Charging Volume		g/m (oz/ft)	20 (0.22)	20 (0.22)	20 (0.22)
	Control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerant Oil	Type			FVC68D	FVC68D	FVC68D
	Charged volume		cc x No.	570 x 1	900 x 1	1,300 x 1
Heat Exchanger	(Row x Column x Fins per inch) x No.			(2 x 36 x 16) x 1	(2 x 36 x 16) x 1	(2 x 26 x 17) x 2
Fan	Type			Propeller	Propeller	Propeller
	Air Flow Rate		m ³ /min(ft ³ /min) x No.	60 (2,119) x 1	60 (2,119) x 1	60 (2,119) x 2
Fan Motor	Type			BLDC	BLDC	BLDC
	Output		W x No.	84 x 1	84 x 1	124 x 2
Sound Pressure Level	Cooling	Rated	dB(A)	51	51	57
	Heating	Rated	dB(A)	51	51	57
Sound Power Level	Cooling	Rated	dB(A)	-	-	-
Piping Connections	Liquid	Outer Dia.	mm(inch) x No.	ϕ 6.35 (1/4) x 2	ϕ 6.35 (1/4) x 3	ϕ 6.35 (1/4) x 4
	Gas	Outer Dia.	mm(inch) x No.	ϕ 9.52 (3/8) x 2	ϕ 9.52 (3/8) x 3	ϕ 9.52 (3/8) x 4
Piping Length	Total Piping	Max.	m (ft)	50 (164.0)	75 (246.1)	75 (246.1)
	Main Piping	Max.	m (ft)	-	-	-
	Total Branch Piping	Max.	m (ft)	-	-	-
	Each Branch Piping	Max.	m (ft)	25 (82.0)	25 (82.0)	25 (82.0)
Maximum Height Difference	Outdoor Unit ~ Indoor Unit	Max.	m (ft)	15 (49.2)	15 (49.2)	15 (49.2)
	Indoor Unit ~ Indoor Unit	Max.	m (ft)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	°C DB (°F DB)	-10 (14) ~ 48 (118)	-10 (14) ~ 48 (118)	-10 (14) ~ 48 (118)
	Heating	Min. ~ Max.	°C WB (°F WB)	-18 (0) ~ 18 (64)	-18 (0) ~ 18 (64)	-18 (0) ~ 18 (64)

Note :

1. All data are based on the following conditions:

- Cooling : Indoor Temperature 26.7°C (80°F) DB / 19.4°C (67°F) WB
Outdoor Temperature 35°C (95°F) DB / 23.9°C (75°F) WB
- Heating : Indoor Temperature 21.1°C (70°F) DB / 15.6°C (60°F) WB
Outdoor Temperature 8.3°C (47°F) DB / 6.1°C (43°F) WB
- Piping Length : Interconnected Pipe Length = 7.6m (25ft)
- Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.

2. Wiring cable size must comply with the applicable local and national codes.

3. Due to our policy of innovation some specifications may be changed without notification.

4. Sound Level Values are measured at Anechoic chamber.

Therefore, these values can be increased owing to ambient conditions during operation.

5. At least two indoor units should be connected.

6. For more Capacity(*), refer to the combination table

7. This value is based on the non-ducted type indoor units.

8. For detailed electrical information, please refer to electric characteristics.