

FUJITSU



MULTI POSITION AIR HANDLING UNIT

AMUG24LMAS / AOU24RGLX

AMUG30LMAS / AOU30RGLX

AMUG36LMAS / AOU36LMAS1

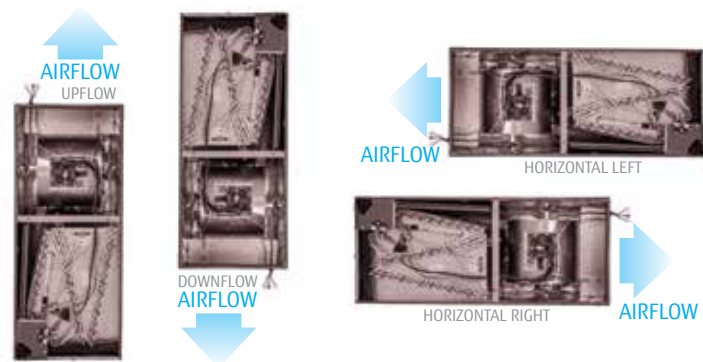
AMUG48LMAS / AOU48LMAS1



Fujitsu is thrilled to present yet another product innovation designed to complement a progressive market. Leveraging our cutting edge inverter technology, Fujitsu's new system combines our revolutionary side discharge outdoor units with a modular design indoor unit. The result: high efficiency, space saving, and quiet single-zone systems with no compromise.

SYSTEM	24LAMS1	30LAMS1	36LAMS1	48LAMS1
				
Indoor Unit	AMUG24LMAS	AMUG30LMAS	AMUG36LMAS	AMUG48LMAS
Outdoor Unit	AOU24RGLX	AOU30RGLX	AOU36LMAS1	AOU48LMAS1

SYSTEM FEATURES



- **True Multi-Position Design** - up flow, down flow, & horizontal
- **High Energy Saving** - Inverter driven heat pump, high efficiency ECM motor, and all-aluminum indoor unit coil.

SMART DEVICE CONTROL (OPTIONAL)



Wi-Fi compatible systems can be controlled from anywhere using the FGLair app on a mobile device, or smart home devices such as Amazon Echo or Google Home. (FGLair app is available for download on the Apple App store and Google Play Store.)



INDOOR UNIT FEATURES

- All-aluminum indoor unit coil
- High static pressure, up to 1.0 inWG
- Indoor sound levels as low as 25 dBA
- Adaptive fan motor control - Optimum indoor comfort
- Minimum clearance on three sides only 21in. clearance on the front for service.
- Downflow and Horizontal Right kits provided with each AHU at no additional cost
- Factory provided and field installed electric heat kit - Up to 15.5kW
- External Input/Output Interface - Interlock with 3rd party systems. (Optional)

OUTDOOR UNIT FEATURES

- Fully communicating heat pump with conventional multi-position air handler. Ideal solution for installations with limited space
- Variable speed inverter-driven compressor for optimum system operation and comfort
- Outdoor sound levels as low as 53 dBA
- High efficiency DC motor
- Single fan outdoor unit - Save space without compromise

Noise Level	75 dbA	53dbA
Footprint		
	Conventional System	Fujitsu System

SPECIFICATIONS

System			2ton	2.5ton	3ton	4ton	
Model Name		Indoor Unit	AMUG24LMAS	AMUG30LMAS	AMUG36LMAS	AMUG48LMAS	
		Outdoor Unit	AOU24RGLX	AOU30RGLX	AOUG36LMAS1	AOUG48LMAS1	
Power	Voltage/Frequency/Phase		V/Hz/Ø	208-230/60/1	208-230/60/1	208-230/60/1	
	Available Voltage Range		V	187 - 253	187 - 253	187 - 253	
	Supply Intake		-	Outdoor Unit	Outdoor Unit	Outdoor Unit	
	Rated Capacity		BTU/h	24,000	30,000	36,000	45,600
	Rated Power Use		kW	2.00	2.97	3.18	5.56
	EER		BTU/hW	12.0	10.1	11.3	8.2
	SEER		BTU/hW	19.0	18.5	18.0	17.0
	Rated Current		A	8.8	13.0	14.0	24.4
	Maximum Current		A	18.5	18.5	32.5	32.5
	Airflow	High	CFM	800	870	1200	1640
		Medium	CFM	670	730	740	1020
		Low	CFM	590	590	590	820
		Quiet	CFM	310	310	490	590
	Sound	IDU Sound (H/M/L/Q)	dB(A)	40/34/32/26	42/37/33/28	43/30/27/24	48/38/31/25
		Outdoor Unit (Rated)	dB(A)	55	55	53	54
	Rated Capacity		BTU/h	27,000	32,000	42,000	53,000
	Rated Power Use		kW	2.48	3.02	3.82	5.35
	COP		kW/kW	3.19	3.11	3.22	2.90
	HSPF		BTU/hW	10.7	10.3	10.2	10.2
	Rated Current		A	10.9	13.3	16.8	23.5
	Maximum Current		A	19.0	19.0	32.5	32.5
	Airflow	High	CFM	800	870	1200	1640
		Medium	CFM	670	730	740	1020
		Low	CFM	590	590	590	820
		Quiet	CFM	310	310	490	590
	Sound	IDU Sound (H/M/L/Q)	dB(A)	37/33/31/25	39/36/32/25	40/36/29/27	47/37/32/29
		Outdoor Unit (Rated)	dB(A)	56	57	54	55
MAX. CKT. BKR.		A	30	30	40	40	
Static Pressure Range		inWG(Pa)	0.1-1.0 (25-250)	0.1-1.0 (25-250)	0.1-1.0 (25-250)	0.1-0.8 (25-200)	
Net. Dimensions		Indoor Unit	in (mm)	42-1/2 x 21 x 19-1/2 (1,080×533×495)	42-1/2 x 21 x 19-1/2 (1,080×533×495)	57 x 21 x 19-1/2 (1,448×533×495)	57 x 21 x 19-1/2 (1,448×533×495)
		Outdoor Unit	in (mm)	32-11/16x35-7/16x13 (830×900×330)	32-11/16x35-7/16x13 (830×900×330)	39-5/16x38-3/16x14-9/16 (998×970×370)	39-5/16x38-3/16x14-9/16 (998×970×370)
Net. Weight		Indoor Unit	lb (kg)	110 (50)	110 (50)	142 (64)	142 (64)
		Outdoor Unit	lb (kg)	135 (61)	135 (61)	190 (86)	190 (86)
Installation	Lineset Size	Liquid	Inch	3/8	3/8	3/8	3/8
		Gas	Inch	5/8	5/8	5/8	5/8
	Maximum Lineset Length		Ft	164	164	230	230
	Pre-charge Lineset Length		Ft	66	66	98	98
	Max. Vertical Difference		Ft	66	66	66	66
Operating Range		Cooling	°F (C)	-5 - 115 (-20 - 46)	-5 - 115 (-20 - 46)	14 - 115 (-10 - 46)	14 - 115 (-10 - 46)
		Heating	°F (C)	-5 - 75 (-20 - 24)	-5 - 75 (-20 - 24)	-5 - 75 (-20 - 24)	-5 - 75 (-20 - 24)
Refrigerant (R410A)			4lb. 10oz.	4lb. 10oz.	9lb. 8oz.	9lb. 8oz.	

OPTIONAL ACCESSORIES

Wired Remote Controller: UTY-RNRUZ4



Simple Remote Controller: UTY-RSRY / UTY-RHRY

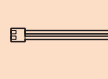
Wireless LAN
Interface:
UTY-TFSXZ2Thermostat
Converter:
UTY-TTRX

External Input and Output PCB: UTY-XCSX



The wireless LAN interface cannot be used at the same time.
External Connect Kit (UTY-XWZXZG) is required for the connection

External
Connect Kit:
UTY-XWZXZG



Wire Kit:
UTY-XWZXZJ

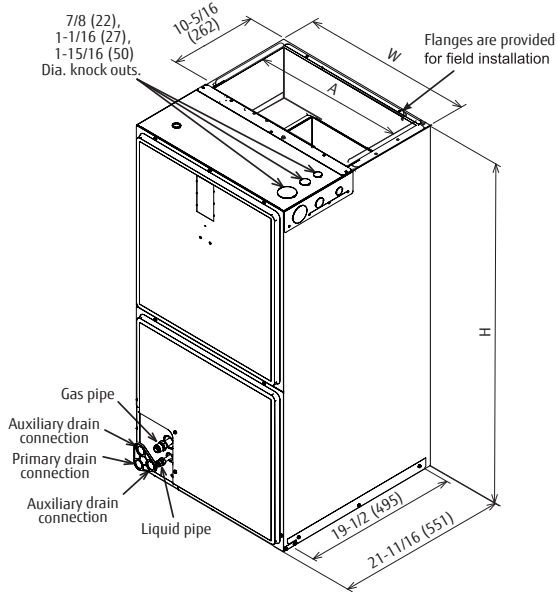


DIMENSIONS

Indoor unit: AMUG24/30/36/48LMAS

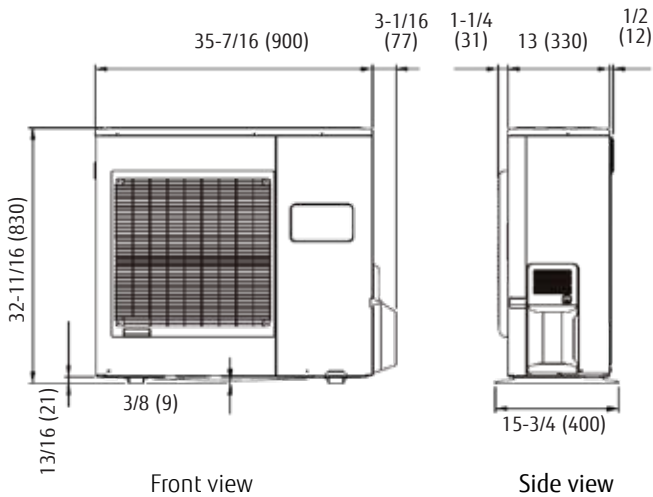
Unit: ln(mm)

Unit: in (mm)



Model	Dimension [in (mm)]		
	A (Supply Duct)	W (Unit Width)	H (Unit Height)
24/30	19-1/2 (495)	21 (533)	42-1/2 (1080)
36/48	19-1/2 (495)	21 (533)	57 (1448)

Outdoor unit: AOU24/30RGLX



Outdoor unit: AOUG36/48LMAS1

