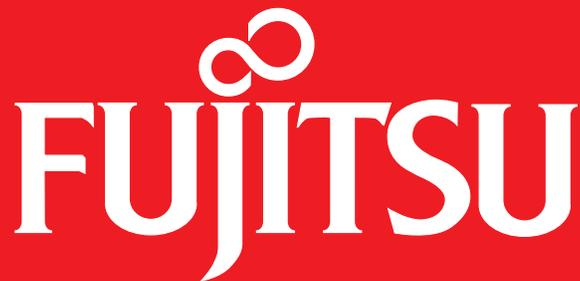


# Multi Position AIR HANDLING UNIT

AMUG24LMAS/AOU24RGLX - AMUG30LMAS/AOU30RGLX  
AMUG36LMAS/AOUG36LMAS1 - AMUG48LMAS/AOUG48LMAS1

**INFINITE COMFORT SERIES**

The Fujitsu logo is centered on a large red square. It features the word "FUJITSU" in a white, serif font, with a white infinity symbol above the letter "J".

**FUJITSU**



**10** YEAR  
FULL  
WARRANTY  
PARTS & LABOUR\*

\*Limitations may apply

# PRODUCT INNOVATION

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



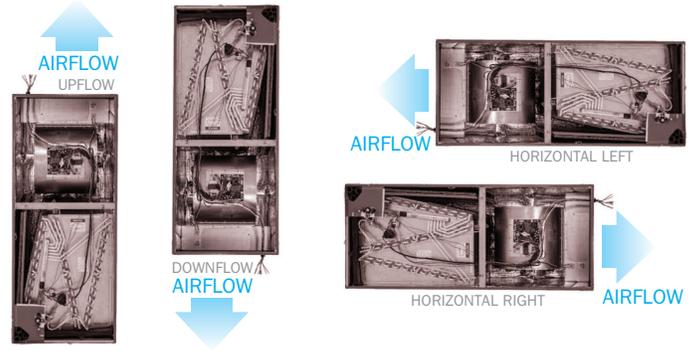
## There's reliability, then there's Fujitsu reliability

Fujitsu systems are incredibly reliable: greater than 99.99% have never required replacement within the expected life of the system. This exceptionally high rate of reliability stems from Fujitsu's unrivaled quality control processes.

Fujitsu's commitment to quality combines four decades of HVAC experience with state-of-the-art testing technologies. The rigorous testing ensures Fujitsu's heating and cooling systems function reliably and efficiently even when pitted against the most extreme temperatures and inclement conditions.

## System features

- True multi-position design - up flow, down flow, horizontal left and horizontal right
- High energy saving - Inverter driven heat pump, high efficiency ECM motor, and all-aluminum indoor unit coil



## Indoor unit features

- Indoor sound levels as low as 23 dBA
- Adaptive fan motor control - optimum indoor comfort
- Minimum clearance on three sides only 21 inch 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 15.5 kW (optional)
- External input/output interface - interlock with 3rd party systems (optional)
- ECM blower motor for consistent comfort
- High static pressure, up to 1.0 inWG

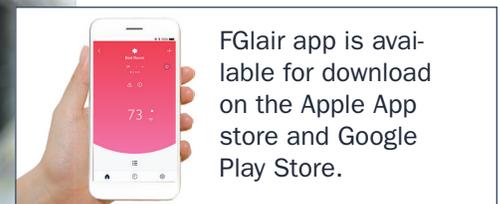
## Outdoor unit features

- Fully communicating heat pump with conventional multiposition 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

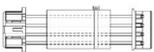
Noise Level	75 dBA	53dBA
Footprint		
	Conventional System	Fujitsu System

## 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.



## Optional accessories

<b>Wired Remote Controller</b> UTYRNRU25 	<b>Simple Remote Controller</b> UTYRSRY, UTYRHR 	<b>Thermostat Converter</b> UTYTTRX 	<b>Wireless LAN Interface</b> UTYTFSXZ2 
<b>External Input and Output PCB</b> UTYXCSX The wireless LAN interface cannot be used at the same time. External Connect Kit (UTYXWZXZG) is required for the connection. 		<b>External Connect Kit</b> UTYXWZXZG 	<b>Wire Kit</b> UTYXWZXZ 

# Performance & warranty

Fujitsu heat pumps are designed to last and deliver unmatched performance year after year. This is why Fujitsu equipment is backed by one of the best warranties in the industry. Furthermore, your Fujitsu certified dealer is supported by The Master Group, the largest independent HVAC-R distributor in Canada. For 70 years, The Master Group has distinguished itself for its extensive inventory, exceptional customer service, and technical expertise.

Model	Indoor Unit		2 ton	2.5 ton	3 ton	4 ton	
	Outdoor Unit		AMUG24LMAS	AMUG30LMAS	AMUG36LMAS	AMUG48LMAS	
			AOU24RGLX	AOU30RGLX	AOU36LMAS1	AOU48LMAS1	
Power Source	Voltage/Frequency/Phase	V / ∅ / Hz	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	
	Available Voltage Range	V	187 - 253	187 - 253	187 - 253	187 - 253	
	Supply Intake	-	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	
Cooling performance	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	15.6	15.6	32.4	32.4	
	Airflow	High	CFM	800	870	1,200	1,640
		Medium	CFM	670	730	740	1,020
		Low	CFM	590	590	590	820
		Quiet	CFM	310	310	490	490
	Sound	IDU Sound H/M/L/Q	dB(A)	40/34/32/26	42/37/33/28	41/30/27/24	48/36/31/25
Outdoor Unit (Rated)		dB(A)	53	53	53	54	
Heating performance	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	16.1	16.1	32.4	32.4	
	Airflow	High	CFM	800	870	1,200	1,640
		Medium	CFM	670	730	740	1,020
		Low	CFM	590	590	590	820
		Quiet	CFM	310	310	490	490
	Sound	IDU Sound H/M/L/Q	dB(A)	37/33/31/25	39/36/32/25	40/35/28/26	47/37/32/29
Outdoor Unit (Rated)		dB(A)	55	55	54	55	
Max. Circuit Breaker	A		30	30	40	40	
Static Pressure Range	inWG(Pa)		0.1-1.0 (20-250)	0.1-1.0 (20-250)	0.1-1.0 (20-250)	0.1-1.0 (20-250)	
Net. Dimensions	Indoor Unit	in. (mm)	42 1/2 x 21 x 21 11/16 (1,080 x 533 x 551)	42 1/2 x 21 x 21 11/16 (1,080 x 533 x 551)	57 x 21 x 21 11/16 (1,448 x 533 x 551)	57 x 21 x 21 11/16 (1,448 x 533 x 551)	
	Outdoor Unit	in. (mm)	32 11/16 x 35 7/16 x 13 (830 x 900 x 330)	32 11/16 x 35 7/16 x 13 (830 x 900 x 330)	39 5/16 x 38 3/16 x 14 9/16 (998 x 970 x 370)	39 5/16 x 38 3/16 x 14 9/16 (998 x 970 x 370)	
Net. Weight	Indoor Unit	lbs (kg)	104 (47)	104 (47)	132 (60)	132 (60)	
	Outdoor Unit	lbs (kg)	134 (61)	134 (61)	198 (90)	198 (90)	
Installation	Lineset Size Liquid - Gas	in.	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	
	Maximum Lineset Length	ft.	164	164	230	230	
	Pre-charge Lineset Length	ft.	66	66	98	98	
	Max. Vertical Difference	ft.	98	98	98	98	
Operation Range	Cooling	C° (°F)	-20~46 (5~115)	-20~46 (5~115)	-10~46 (14~115)	-10~46 (14~115)	
	Heating		-20~24 (-5~75)	-20~24 (-5~75)	-20~24 (-5~75)	-20~24 (-5~75)	
Refrigerant (R410A)			4lb. 10oz.	4lb. 10oz.	9lb. 8oz.	9lb. 8oz.	



Authorized dealer



The best complete warranty available on the market is offered on each residential Fujitsu system. To accept this offer, the qualifying product must be registered online via [contractors.fujitsugeneral.com/registration/dsp\\_step\\_one.cfm](http://contractors.fujitsugeneral.com/registration/dsp_step_one.cfm) within 60 days of the installation date. Otherwise, the manufacturer's standard 5-year parts and 7-year compressor warranty applies, no labor.



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

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