

# SUBMITTAL - AGUH12KUAS

Job Name: \_\_\_\_\_

Date: \_\_\_\_\_

Location: \_\_\_\_\_

**R32**

Indoor Unit: **AGUH12KUAS**



## FEATURES

### INDOOR UNIT:

- Floor-Mounted Units are designed for comfort where wall space is limited, delivering powerful, quiet performance with flexible installation.
- Whisper-quiet operation with sound levels as low as 22dB
- Multiple fan speed options; Auto, High, Med, Low, and Quiet
- Special Operation modes available:
  - Economy Mode/ Energy Saving/ Powerful Mode / Minimum Heat Mode / Automatic defrosting operation / Auto-restart function
- Enhanced controls platform for seamless, intuitive operation:
  - Seamless control using the Optional Wireless Remote Controller (UTY-LNXUZ1)
  - Built-in Wi-Fi connectivity for remote monitoring & control via the Airstage Mobile App
  - Extended connectivity with support for third-party interface options
- Advanced scheduling and timer options offer greater control over unit operation:
  - Weekly Timer / 24-hr Timer / Sleep Function
- Offers group control, allowing seamless management of multiple units simultaneously
- Equipped with a built-in refrigerant leak detection sensor for enhanced safety and reliability
- Additional premium features include, but are not limited to:
  - Built-in external input and output for interlocking systems with 3rd party devices (Ex: Fire Alarm, Door Switch, Humidifier, Aux. Heat & more)
  - Multiple Auxiliary Heat logic options for optimized heating performance
  - Service monitoring functionality via compatible accessories (UTY-RVRU & UTY-RNRUZ-series)



7 Year Compressor, 5 Year Parts out-of-the-box Warranty.



10 Year Compressor, 10 Year Parts Warranty when registered within 60 days of installation in a residence.



12 Year Compressor, 12 Year Parts Warranty when registered within 60 days of installation in a residence and installed by a Fujitsu Elite contractor.



Due to continuous product improvements, specifications are subject to change without notice. Please log in to the Fujitsu Portal for the most up-to-date documentation <https://connect.fujitsugeneral.com>

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## SPECIFICATIONS:

Model number			<b>AGUH12KUAS</b>				
Nominal Capacity				Btu/h			
				12000			
Indoor Dimensions (H x W x D)	Net		in (mm)	23-5/8 x 29-1/8 x 7-7/8 (600 x 740 x 200)			
	Gross			27-9/16 x 32-5/16 x 12-3/16 (700 x 820 x 310)			
Indoor Weight	Net		lb (kg)	31 (14.0)			
	Gross			39 (17.5)			
Indoor Fan	Airflow rate	Cooling	High	CFM (m³/h)	353 (600)		
			Med		288 (490)		
			Low		224 (380)		
			Quiet		159 (270)		
	Heating	High	353 (600)				
		Med	300 (510)				
		Low	241 (410)				
		Quiet	159 (270)				
	Type x Qty				Crossflow fan x 2		
	Motor output				W		16 x 2
Indoor Sound Pressure Level <sup>*1</sup>	Cooling	High	dB (A)	42			
		Med		36			
		Low		30			
		Quiet		22			
	Heating	High		42			
		Med		38			
		Low		32			
		Quiet		22			
Connection Pipe	Size	Liquid	in (mm)	Ø1/4 (Ø6.35)			
		Gas		Ø3/8 (Ø9.52)			
		Method		Flare			
Drain hose	Material		Polypropylene + Linear low-density polyethylene				
	Tip Diameter		in (mm)	I.D.: Ø17/32 (Ø13.8) O.D.: Ø5/8 to Ø21/32 (Ø15.8 to Ø16.7)			
Indoor Operation range	Cooling		°F (°C)	64 to 90 (18 to 32)			
	Heating		%RH	80 or less			
Electrical	System Power Supply	Voltage		V	208/230		
		Frequency		Hz	60		
		Available voltage range		V	187-253		
		MCA*2		A	0.44/0.44		
Indoor Input Power			W	20			

Notes:

- \*1: Sound pressure level:
  - Measured values in manufacturer’s anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here
- \*2: Minimum Circuit Ampacity (Calculation based on UL60335-2-40)

System continues to operate below rated outdoor operation temperature range, subject to varying conditions. System has no low temperature cut out. Capacity is not tested outside of the rated temperature range

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**ACCESSORIES:**

Model Number	Description
UTY-RVRU *2	KAGAMI - Wired Remote Controller
UTY-RNRUZ-Series *2	Wired Remote Controller
UTY-RHRYZ-Series *2	Wired Remote Controller - Hospitality
UTY-RSRYZ-Series *2	Simple Wired Remote Controller
UTY-TWRXZ3	Communication Kit
UTY-LNXUZ1	Wireless Remote Controller
FJ-IR-WIFI-1NA	Intesis IR Wireless AC Cloud Control Interface
UTY-VMSX	Modbus Converter
UTY-VTGX *2	Network Converter - Convert H-Series Comm. Protocol to V/J-Series Comm. Protocol (Pink Wire)
UTY-TERX *2	External Switch Controller
FJ-AC-485-1	BACnet Converter
UTY-TTRXZ1 *1, 2	24V Thermostat Interface
TTRXZ1-KIT *1, 2	24V Thermostat Interface Kit (UTY-TTRXZ1, UTY-WIFI Plug & 24V Transformer)
UTR-STA	Half Concealed Kit
UTY-XWZX	External Wire Kit
UTY-XWZX5	External Connect Kit

**NOTES:**

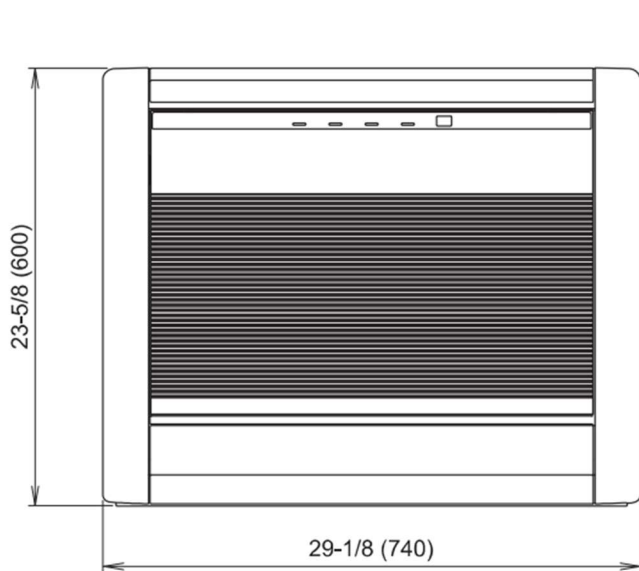
\*1 This device may not be used with any other type of controls (central controller, wire/wireless RC, WiFi adapter, BMS interface).

\*2 Requires Communication kit UTY-TWRXZ3 to connect this device to IDU.

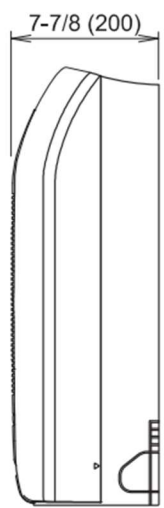
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**INDOOR UNIT DIMENSIONS:**

Unit: in (mm)



Front view



Side view (R)

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