

SUBMITTAL – ACUH12KUAS

Job Name: _____

Date: _____

Location: _____

R32

Indoor Unit: **ACUH12KUAS**

FEATURES

INDOOR UNIT:

- Compact cassette indoor unit delivering superior comfort and energy-efficient performance
- Indoor unit with ProCore™ (High Corrosion Resistant Copper) coils for long-lasting protection against corrosion
- Whisper-quiet operation with sound levels as low as 29dB
- Multiple fan speed options; Auto, High, Med, Low, and Quiet
- Special Operation modes available:
 - Economy Mode/ Energy Saving Mode / 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-LNTU)
 - Optional Wi-Fi connectivity enables remote monitoring through the Airstage Mobile App
 - Extended connectivity with support for third-party interface options
 - Compatible with BACnet and Modbus protocols for seamless integration with Building Management and Home Automation Systems
- Advanced scheduling and timer options offer greater control over unit operation:
 - Weekly Timer / 24-hr Timer / Sleep Function
- Built-in drain pump for efficient water removal making installation and maintenance easier
- Optional fresh air kit, designed to boost indoor air quality and comfort
- Cassette grille (front panel) fits seamlessly into standard grid-style office ceilings (sold separately)
- 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)
 - Offers group control, allowing seamless management of multiple units simultaneously.



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:

Indoor Unit					ACUH12KUAS	
Nominal Capacity				Btu/h	12,000	
Indoor Dimensions (H × W × D)		Net		in (mm)	9-5/8 × 22-7/16 × 22-7/16 (245 × 570 × 570)	
		Gross		in (mm)	10-7/16 × 28-3/4 × 24-5/8 (265 × 730 × 625)	
Indoor Weight		Net		lb (kg)	33 (15)	
		Gross			42 (19)	
Indoor Fan	Airflow rate	Cooling	High	CFM (m³/h)	359 (610)	
			Med		312 (530)	
			Low		277 (470)	
			Quiet		241 (410)	
		Heating	High		359 (610)	
			Med		312 (530)	
			Low		277 (470)	
			Quiet		241 (410)	
	Type × Qty				Turbo fan × 1	
	Motor output			W	54	
Indoor Sound Pressure Level ^{*1}		Cooling	High	dB (A)	37	
			Med		34	
			Low		31	
			Quiet		29	
		Heating	High		37	
			Med		34	
			Low		31	
			Quiet		29	
Connection Pipe		Size	Liquid	in (mm)	Ø1/4 (Ø6.35)	
			Gas		Ø3/8 (Ø9.52)	
		Method				Flare
Indoor Drain hose		Material			Polyvinyl chloride	
		Tip Diameter		in (mm)	I.D.: Ø1 (Ø25), O.D.: Ø1-1/4 (Ø32)	
Indoor Operation range		Cooling		°F (°C)	64 to 90 (18 to 32)	
		Heating		%RH	80 or less	
System power supply		Heating		°F (°C)	60 to 86 (16 to 30)	
		Voltage		V	208/230	
		Frequency		Hz	60	
Available voltage range				V	187—253	
MCA ^{*2}				A	0.25/0.25	
Indoor Input Power		W			23	

NOTES:

Indoor 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.

MCA:

– Minimum Circuit Ampacity (Calculation based on UL60335-2-40)

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ACCESSORIES:

Model Number	Description
UTY-RVRU	KAGAMI - Touch Panel Wired Controller
UTY-RNRUZ5	Touch Panel Wired Remote Controller
UTY-RHRY	Simple Wired Remote (Without Mode Function) - Hospitality
UTY-RSRY	Simple Wired Remote (With Mode Function)
UTY-LNTU	Wireless Remote Controller (Compact Cassette)
UTY-TFSXJ4	Wi-Fi adapter (WiFi Interface Module UART Type)
FJ-AC-WIFI-1	Intesis Wi-Fi Device: Wired Module
FJ-IR-WIFI-1NA	Intesis IR Wireless AC Cloud Control Interface (Intesis Home app)
BM101WA	Cielo - Breez Max IR Controller w/ WiFi (Black)
BM102WA	Cielo - Breez Max IR Controller w/ WiFi (White)
UTY-VMSX	Modbus Converter
UTY-VTGX	Network Converter - Convert H-Series Comm. Protocol to V/J-Series Comm.
FJ-AC-485-1	Intesis - BACnet MSTP & Modbus RTU Gateway
UTY-TERX	External Switch Controller
UTY-TTRXZ1 ^{*1}	24V Thermostat Interface
TTRXZ1-KIT ^{*1}	24V Thermostat Interface Kit (UTY-TTRXZ1, UTY-WiFi Plug & 24V Transformer)
UTY-XCSX	External input and output PCB
UTY-XWZXZG	External Connect Kit
UTZ-GXEA	External input and output PCB box
UTZ-KXGC	High Humidity Insulation Kit
UTR-YDZB	Air Outlet Shutter Plate
UTZ-VXAA	Fresh Air Intake Kit
UTY-DSGYZ2 ^{*2}	Airstage Edge Controller
UTG-CCGFGA	Cassette Grille

NOTES:

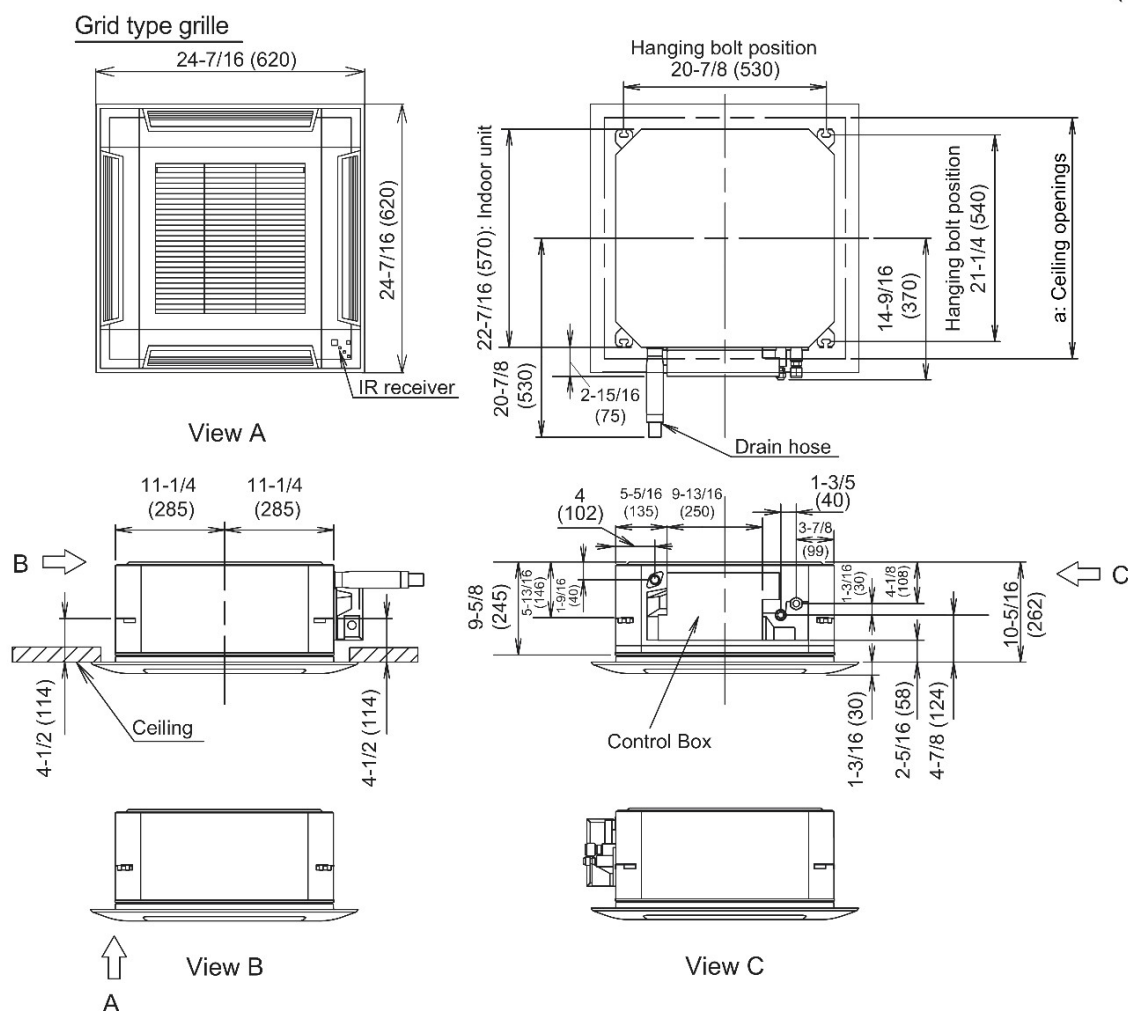
*1 -This device may not be used with any other type of controls (central controller, wire/wireless RC, WiFi adapter, BMS interface).

*2 -Connection to AIRSTAGE Cloud requires a compatible AIRSTAGE Mobile adapter connected to the IDU.

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INDOOR UNIT DIMENSIONS:

Unit: in (mm)



a: Ceiling openings			
Cassette grille	Grid type	in (mm)	22-13/16 to 24 (580 to 610)

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