SUBMITTAL – ACUH18KUAS

Job Name:_____ Date:_____

Location:_____

R32

Indoor Unit: **ACUH18KUAS**

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 Warranty

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

10 Year Warranty Compressor & Parts

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

12 Year Warranty Compressor & Parts

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

Intertek LISTED

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

SUBMITTAL – ACUH18KUAS

SPECIFICATIONS:

Indoor Unit					**ACUH18KUAS**
Nominal Capacity				Btu/h	18,000
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)	35 (16)
		Gross			44 (20)
Indoor Fan	Airflow rate	Cooling	High	CFM (m^3/h)	441 (750)
			Med		341 (580)
			Low		288 (490)
			Quiet		241 (410)
		Heating	High		471 (800)
			Med		400 (680)
			Low		341 (580)
			Quiet		265 (450)
	Type × Qty				Turbo fan × 1
	Motor output			W	54
Indoor Sound Pressure Level *1		Cooling	High	dB (A)	42
			Med		37
			Low		33
			Quiet		29
		Heating	High		44
			Med		41
			Low		37
			Quiet		30
Connection Pipe		Size	Liquid	in (mm)	Ø1/4 (Ø6.35)
			Gas		Ø1/2 (Ø12.70)
		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)
				%RH	80 or less
		Heating		°F (°C)	60 to 86 (16 to 30)
System power supply		Voltage		V	208/230
		Frequency		Hz	60
		Available voltage range		V	187—253
MCA *2				A	0.38/0.38
Indoor Input Power		W			39

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)

SUBMITTAL – ACUH18KUAS

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:

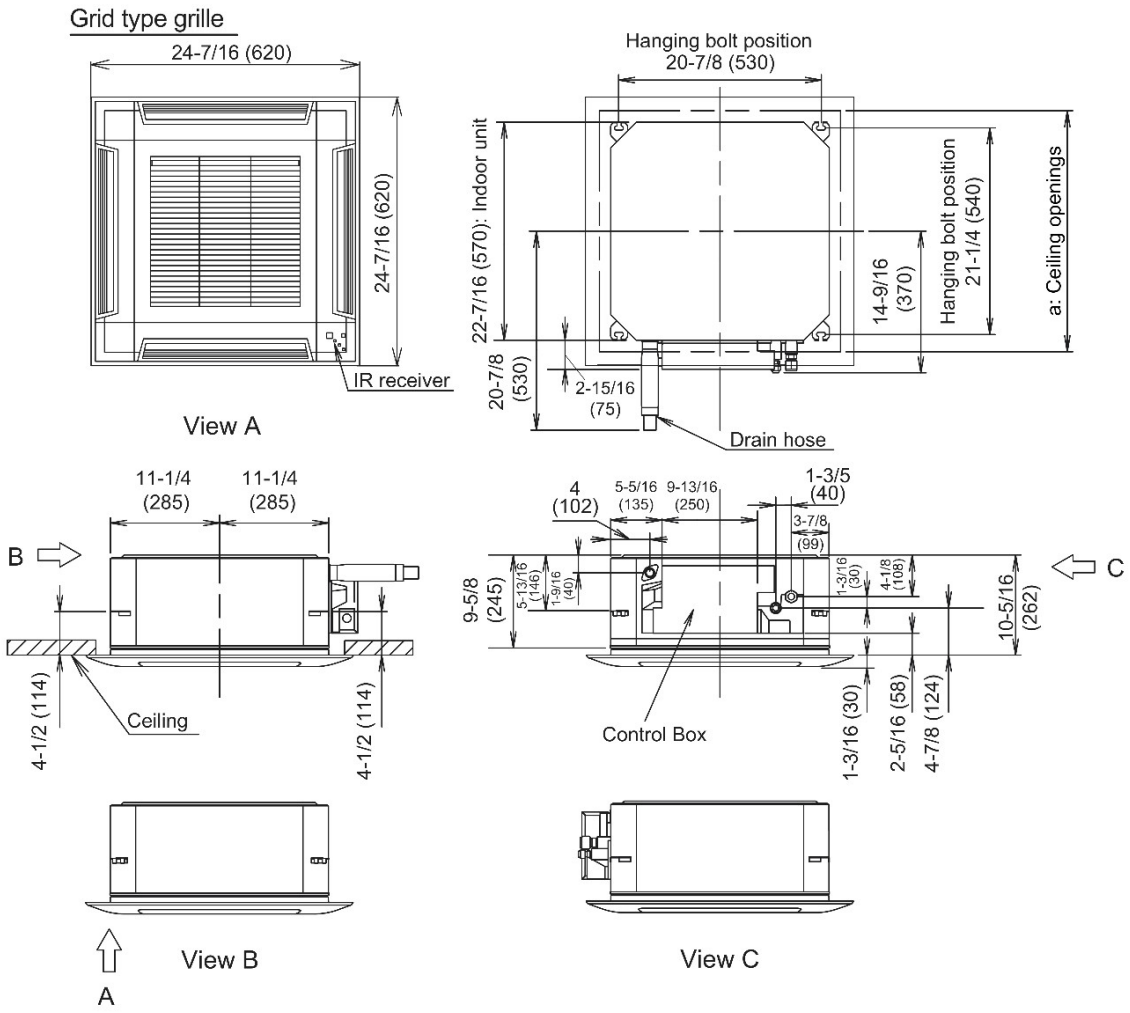
*1 –This device may not be used with any other type of controls (central controller, wire/wireless RC, WiFi adapter, BMS interface).

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

SUBMITTAL – ACUH18KUAS

INDOOR UNIT DIMENSIONS:

Unit: in (mm)



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

The Fujitsu logo is a worldwide trademark of Fujitsu General Limited. The Airstage logo and name is a worldwide trademark of Fujitsu General Limited and is a registered trademark in Japan, the USA and other countries or areas. Copyright 2024 Fujitsu General America, Inc. Fujitsu's products are subject to continuous improvements. Fujitsu reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.