

SUBMITTAL – ASUH18KPAS

Job Name: _____

Date: _____

Location: _____

R32

Indoor Unit: **ASUH18KPAS**



FEATURES

INDOOR UNIT:

- Compact wall-mounted 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 26dB
- Multiple fan speed options; Auto, High, Med-High, Med, Med-Low, 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:
 - Backlit wireless remote controller with luminous buttons for easy visibility, included with the indoor unit
 - Wi-Fi connectivity with Airstage Mobile App monitoring via compatible USB WLAN adapter
 - 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
- Dual-action Filtration: Apple-Catechin Filter & Ion Deodorizing Filter
- 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 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:

Indoor Unit					ASUH18KPAS		
Nominal Capacity				Btu/h	18,000		
Indoor Dimensions (H × W × D)		Net		in (mm)	11 × 38-9/16 × 9-7/16 (280 × 980 × 240)		
		Gross		in (mm)	12-11/16 × 42-7/16 × 13-5/8 (322 × 1,078 × 346)		
Indoor Weight		Net		lb (kg)	28 (12.5)		
		Gross			36 (16.5)		
Indoor Fan	Airflow rate	Cooling	High	CFM (m³/h)	577 (980)		
			Med-High		524 (890)		
			Med		477 (810)		
			Med-Low		477 (810)		
			Low		377 (640)		
			Quiet		300 (510)		
		Heating	High		600 (1020)		
			Med-High		559 (950)		
			Med		500 (850)		
			Med-Low		436 (740)		
			Low		377 (640)		
			Quiet		300 (510)		
			Type × Qty			Crossflow fan x 1	
				Motor output		W	59
Indoor Sound Pressure Level *1		Cooling	High	dB (A)	45		
			Med-High		43		
			Med		40		
			Med-Low		37		
			Low		35		
			Quiet		29		
		Heating	High		46		
			Med-High		44		
			Med		40		
			Med-Low		37		
			Low		35		
			Quiet		29		
Connection Pipe		Size	Liquid	in (mm)	Ø1/4 (Ø6.35)		
			Gas		Ø1/2 (Ø12.70)		
					Method		Flare
Indoor Drain hose		Material			Polypropylene + High-density polyethylene		
		Tip Diameter		in (mm)	I.D.: Ø17/32 (Ø13.8), O.D.: Ø19/32 to Ø21/32 (Ø15.0 to Ø16.8)		
Indoor Operation range		Cooling		°F (°C)	64 to 90 (18 to 32)		
		Heating		%RH	80 or less		
System power supply		Voltage		°F (°C)	60 to 86 (16 to 30)		
		Voltage		V	208/230		
		Frequency		Hz	60		
		Available voltage range		V	187—253		
		MCA *2			A	0.44/0.44	
Indoor Input Power		W			40		

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 ^{*1}	KAGAMI - Touch Panel Wired Controller
UTY-RNRUZ5 ^{*1}	Touch Panel Wired Remote Controller
UTY-RHRY ^{*1}	Simple Wired Remote (Without Mode Function) - Hospitality
UTY-RSRY ^{*1}	Simple Wired Remote (With Mode Function)
UTY-TWRXZ2	Communication Kit - Wall Mount
UTY-TFSXH4	Wi-Fi Adapter (WiFi Interface Module USB 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 ^{*1}	Network Converter - Convert H-Series Comm. Protocol to V/J-Series Comm.
FJ-AC-485-1	Intesis - BACnet MSTP & Modbus RTU Gateway
UTY-TERX ^{*1}	External Switch Controller
UTY-TTRXZ1 ^{*1, 2}	24V Thermostat Interface
TTRXZ1-KIT ^{*1, 2}	24V Thermostat Interface Kit (UTY-TTRXZ1, UTY-WiFi Plug & 24V Transformer)
UTY-XCSXZ2	External input and output PCB
UTY-XWZX	External Wire Kit
UTY-XWZXZ5	External Connect Kit
UTY-DSGYZ2 ^{*3}	Airstage Edge Controller

NOTES:

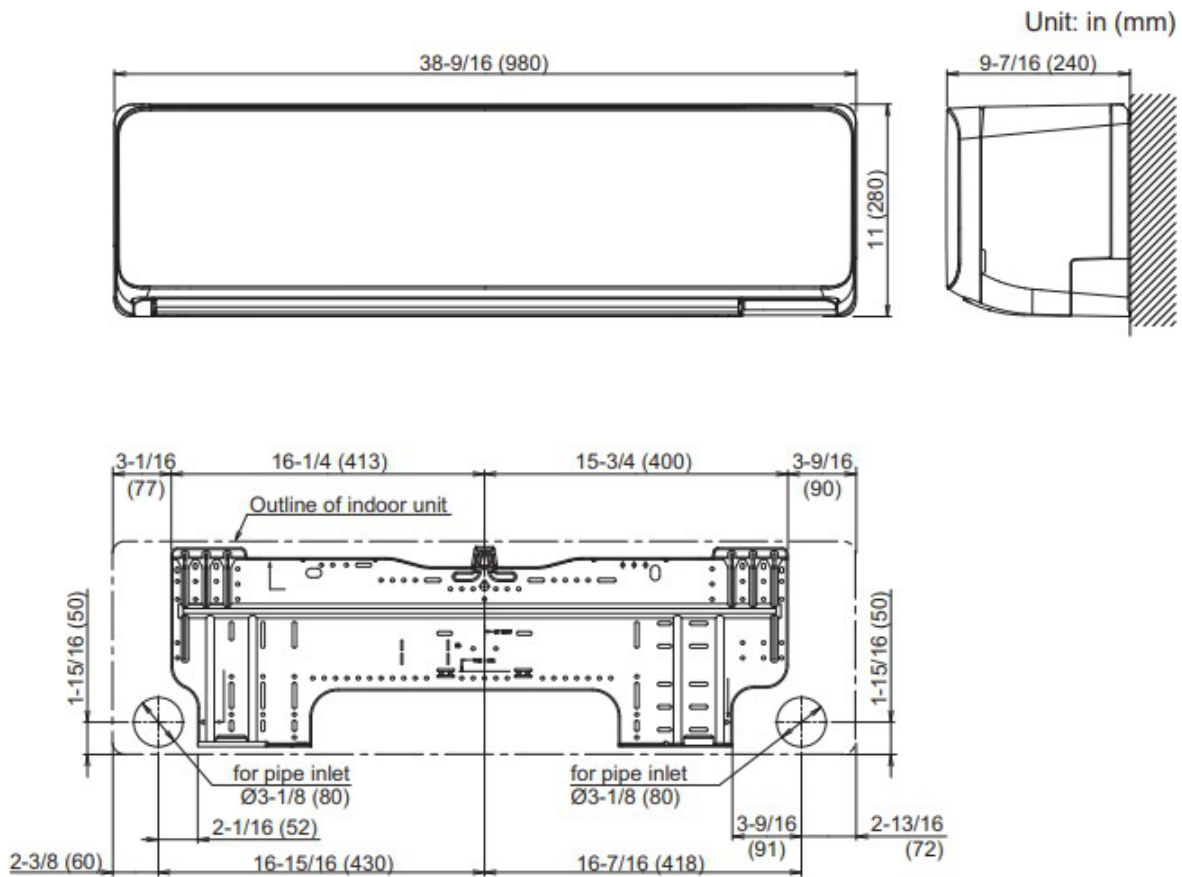
*1 -Requires Communication kit UTY-TWRXZ2 to connect this device to IDU.

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

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

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INDOOR UNIT DIMENSIONS:



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