

SUBMITTAL – ARUH18KUAS

Job Name: _____	Date: _____
Location: _____	

R32

Indoor Unit: **ARUH18KUAS**



FEATURES

INDOOR UNIT:

- Mid Static Duct 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 24dB
- 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 IR Receiver and Wireless Remote Controller kit (UTY-LBTUM)
 - 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
- Features automatic static pressure detection for optimal airflow and system efficiency
- Wide external static pressure range of up to 0.8 inWG for adaptable performance
- 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)
 - Supports compatibility with the Airzone third-party communicating zoning system for optimized zoning control
 - Multiple Auxiliary Heat logic options for optimized heating performance
 - Service monitoring functionality via compatible accessories (UTY-RVRU & UTY-RNRUZ-series)
 - Flexible intake configuration with side or bottom options to meet installation requirements.



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				ARUH18KUAS
Nominal Capacity			Btu/h	18,000
Indoor Dimensions (H × W × D)	Net		in (mm)	11-13/16 × 39-3/8 × 27-9/16 (300 × 1,000 × 700)
	Gross		in (mm)	15-3/4 × 48-3/4 × 34-7/16 (400 × 1,238 × 875)
Indoor Weight	Net		lb (kg)	90 (41)
	Gross			108 (49)
Indoor Fan	Airflow rate	Cooling	High	618 (1,050)
			Med	494 (840)
			Low	430 (730)
			Quiet	371 (630)
	Heating	High	618 (1,050)	
		Med	494 (840)	
		Low	430 (730)	
		Quiet	371 (630)	
Type × Qty			Sirocco fan x 2	
Motor output			W	197
Static Pressure Range			inWG (Pa)	0.12 to 0.80 (30 to 200)
Indoor Sound Pressure Level ^{*1}	Cooling	High	dB (A)	34
		Med		29
		Low		26
		Quiet		24
	Heating	High		34
		Med		29
		Low		26
		Quiet		24
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)
	Heating		%RH	80 or less
System power supply	Voltage		°F (°C)	60 to 86 (16 to 30)
	Frequency		V	208/230
	Available voltage range		Hz	60
MCA ^{*2}			V	187—253
Indoor Input Power			A	1.68/1.51
			W	62

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-LBTUM	IR Receiver Kit w/ Wireless Remote Controller (Mid-Static Ducted)
UTY-TFSXJ4	Wi-Fi adapter (WiFi Interface Module UART Type)
FJ-AC-WIFI-1	Intesis Wi-Fi Device: Wired Module
FJ-IR-WIFI-1NA ^{*1}	Intesis IR Wireless AC Cloud Control Interface (Intesis Home app)
BM101WA ^{*1}	Cielo - Breez Max IR Controller w/ WiFi (Black)
BM102WA ^{*1}	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 ^{*2}	24V Thermostat Interface
TTRXZ1-KIT ^{*2}	24V Thermostat Interface Kit (UTY-TTRXZ1, UTY-WIFI Plug & 24V Transformer)
UTY-XSZXZ1	Remote Temperature Sensor
UTY-XCSX	External input and output PCB
UTY-XWZXZG	External Connect Kit
UTZ-GXNA	External input and output PCB Bracket
UTD-LFNB	Long Life Filter (18/24/30k units)
UTY-DSGYZ2 ^{*3}	Airstage Edge Controller

NOTES:

*1 -Requires IR receiver kit UTY-LBTUM to connect this device to IDU.

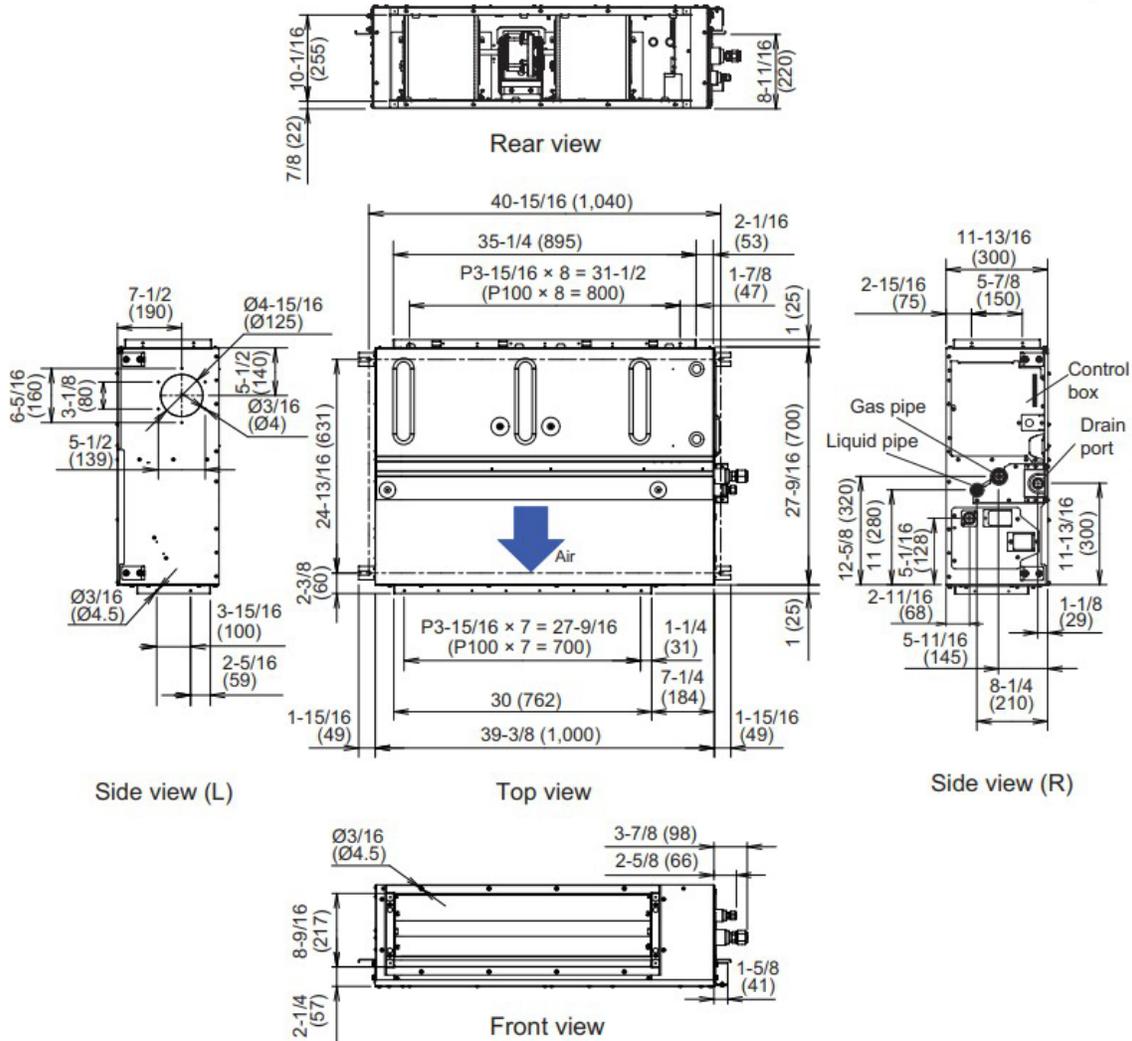
*2 -This device may not be used with any other type of controls (central controller, wire/wireless RC, WiFi adapter, BMS interface).

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

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INDOOR UNIT DIMENSIONS:

Unit: in (mm)



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