

# SUBMITTAL – ARUH18KUAS

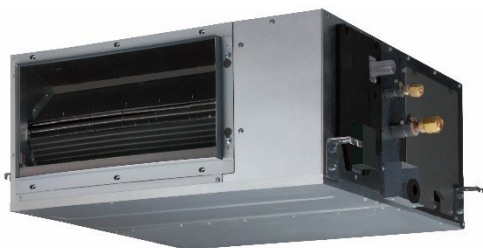
Job Name: \_\_\_\_\_

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>

## SUBMITTAL – ARUH18KUAS

### 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	CFM (m³/h)	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 <sup>*1</sup>		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)
				%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 <sup>*2</sup>			A	1.68/1.51	
Indoor Input Power		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)

## SUBMITTAL – ARUH18KUAS

### 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 <sup>*1</sup>	Intesis IR Wireless AC Cloud Control Interface (Intesis Home app)
BM101WA <sup>*1</sup>	Cielo - Breez Max IR Controller w/ WiFi (Black)
BM102WA <sup>*1</sup>	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 <sup>*2</sup>	24V Thermostat Interface
TTRXZ1-KIT <sup>*2</sup>	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 <sup>*3</sup>	Airstage Edge Controller

NOTES:

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

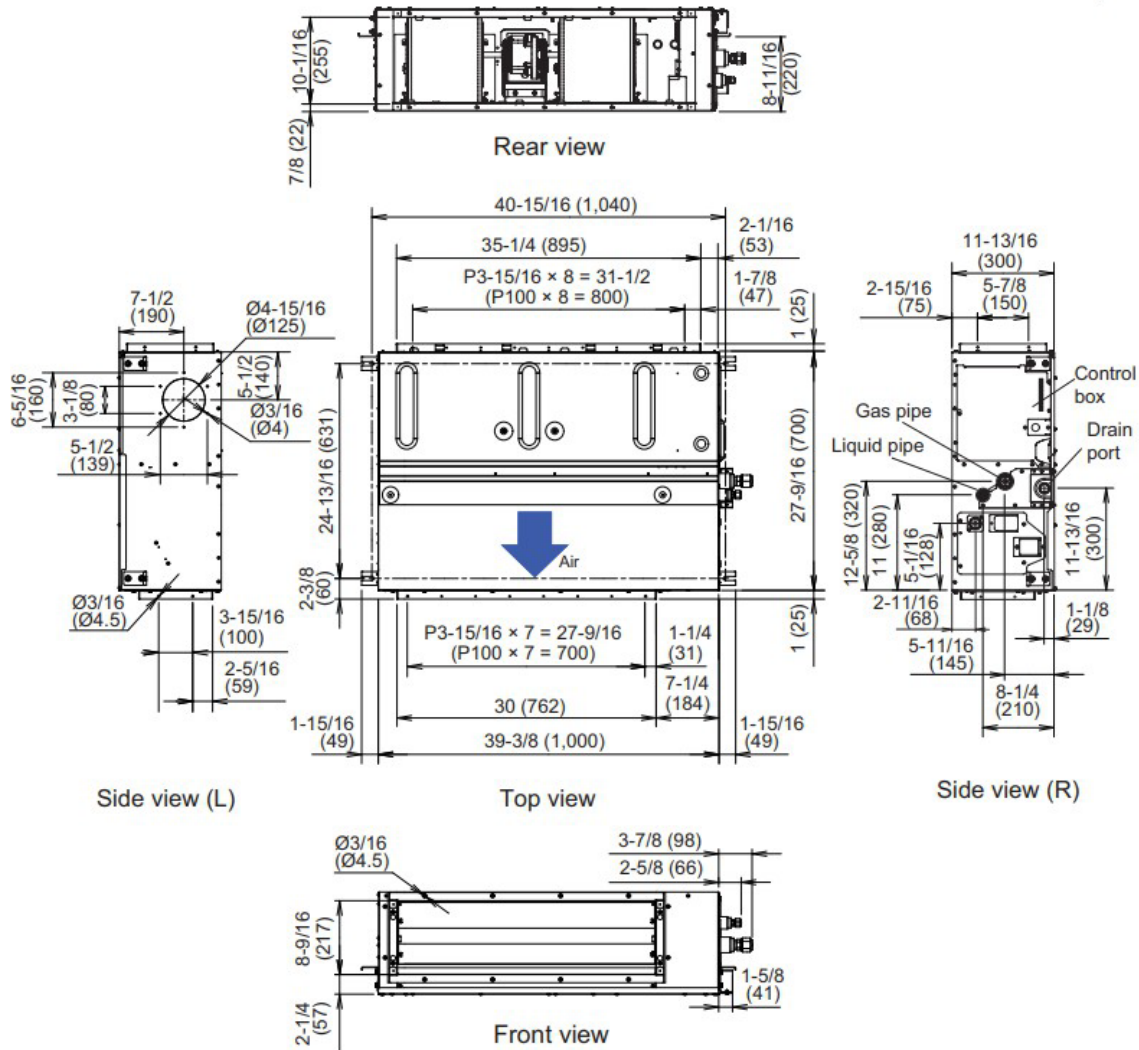
\*2 -This device may not be used with any other type of controls (central controller, wire/wireless RC, WiFi adapter, BMS interface).

\*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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