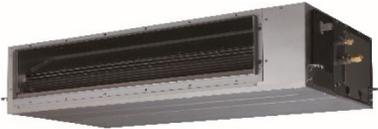


SUBMITTAL - 36KUAS1R

Job Name: _____	Date: _____
Location: _____	

Indoor Unit:



R32

ARUH36KUAS

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 26dB
- 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.

Outdoor Unit:



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.

AOUH36KUAS1

OUTDOOR UNIT:

- Low GWP R-32 systems for reduced environmental impact
- INVERTER-driven compressor that offers superior performance, comfort, and energy savings
- Compact outdoor unit with extended line set lengths up to 164ft (50m)
- Provides low ambient cooling and heating down to -5°F for dependable performance in extreme conditions.
- Blue Fin-coated heat exchanger for improved corrosion resistance and coil durability



Due to continuous product improvements, specifications are subject to change without notice.

SUBMITTAL - 36KUAS1R

SPECIFICATIONS:

Indoor Unit				ARUH36KUAS		
Outdoor Unit				AOUH36KUAS1		
System Name				36KUAS1R		
AHRI Number				215434560		
SEER2	Cooling		Btu/hW	18		
EER2				10.4		
HSPF 2 (IV) / HSPF 2 (V)	Heating		kW/kW	9.8 / 7.8		
COP2				3.52		
Outdoor Operation Range	Cooling		°F (°C)	-5 to 122*8 (-21 to 50*8)		
	Heating			-5 to 75 (-21 to 24)		
Indoor Capacity	Cooling		Btu/h	Rated		
				Min.—Max.	36000	
	Heating	47°FDB (Outdoor temp.)		Rated	9,600—39,000	
				Min.—Max.	38000	
		17°FDB (Outdoor temp.) ¹		Rated	9,200—43,000	
				Max.	25400	
5°FDB (Outdoor temp.) ²		Rated	34500			
		Max.	31000			
Outdoor Connection pipe	Size	Liquid		in (mm)	Ø3/8 (Ø9.52)	
		Gas			Ø5/8 (Ø15.88)	
			Method		FLARE	
			Pre-charge length		66 (20)	
			Min. length		16 (5)	
			Max. length		164 (50)	
		Max. height difference		98 (30)		
Indoor Dimensions (H × W × D)	Net		in (mm)	11-13/16 × 55-1/8 × 27-9/16 (300 × 1,400 × 700)		
	Gross			15-3/4 × 64-1/2 × 34-7/16 (400 × 1,638 × 875)		
Indoor Weight	Net		lb (kg)	121 (55)		
	Gross			141 (64)		
Outdoor Dimensions (H × W × D)	Net		in (mm)	39-5/16 × 37 × 12-5/8 (998 × 940 × 320)		
	Gross			46-5/16 × 40-7/16 × 17-1/2 (1,176 × 1,027 × 445)		
Outdoor Weight	Net		lb (kg)	137 (62)		
	Gross			157 (71)		
Indoor Fan	Airflow rate	Cooling	CFM (m ³ /h)	High	1,207 (2,050)	
				Med	965 (1,640)	
				Low	783 (1,330)	
		Heating		Quiet	630 (1,070)	
				High	1,207 (2,050)	
				Med	965 (1,640)	
			Low	783 (1,330)		
			Quiet	630 (1,070)		
	Type × Qty				SIROCCO FAN × 3	
	Motor output		W		375	
Static pressure range		inWG (Pa)		0.12 to 0.80 (30 to 200)		
Outdoor Fan	Airflow rate	Cooling	CFM (m ³ /h)	2,502 (4,250)		
		Heating		2,431 (4,130)		
	Type × Qty		PROPELLER FAN × 1			
	Motor output		W		120	
Indoor Sound Pressure Level ⁴	Cooling		dB (A)	High	37	
				Med	33	
				Low	30	
				Quiet	26	
	Heating			High	37	
				Med	33	
				Low	30	
				Quiet	26	
Outdoor Sound Pressure Level ⁴	Cooling				57	
	Heating				59	

SUBMITTAL - 36KUAS1R

SPECIFICATIONS:

Outdoor Refrigerant	Type		R32	
	Charge	lb oz	4 lb 7 oz	
		g	2000	
Additional Charge Calculation		oz/ft	0.43	
		g/m	40	
Outdoor Refrigerant Oil	Type		RMM68AF	
	Amount	in ³ (cm ³)	48.8 (800)	
Indoor Moisture removal		pints/h (L/h)	7.6 (3.6)	
Indoor Drain hose	Material		POLYVINYL CHLORIDE	
	Tip Diameter	in (mm)	I.D.: Ø13/16 (Ø20.7), O.D.: Ø1-1/16 (Ø26.6)	
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)	
Power Supply			208/230 V~ 60 Hz	
Available Voltage Range			187—253	
System power supply	Voltage		V	
	Frequency		Hz	
	Available voltage range		V	
Indoor Current	Cooling	Rated	15.2	
	Heating		13.9	
Maximum Operating Current ^{*3}		Cooling	20.8	
		Heating	20.8	
Outdoor Starting Current			15.2	
MCA ^{*5}			20.8	
Wiring spec. ^{*6}		MAX. CKT. BKR ^{*7}	25	
Indoor Input Power	Cooling	Rated	3.45	
			47°FDB (Outdoor temp.)	3.16
	Heating	Max.	2.66	
			17°FDB (Outdoor temp.) ^{*1}	4.3
			Rated	4.37
	Max.	4.37		
Indoor Power Factor	Cooling	%	98.7	
	Heating		98.8	
Energy Star ^{*9}			ESCC, ESME	

NOTES:

- Cooling: Indoor temperature of 80°F (26.67°CDB)/67°FWB (19.44°CWB), and outdoor temperature of 95°FDB (35°CDB)/75°FWB (23.9°CWB).
 - Heating: Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 47°FDB (8.33°CDB)/43°FWB (6.11°CWB).
 - 17°FDB (Outdoor temp.), - *1: Heating (17°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 17°FDB (-8.33°CDB)/15°FWB (-9.44°CWB).
 - 5°FDB (Outdoor temp.) - *2: Heating (5°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FWB (15.56°CWB), and outdoor temperature of 5°FDB (-15.0°CDB)/4°FWB (-15.56°CWB).
 - Test conditions are based on AHRI 210/240 2023.
 - *4:
Indoor Sound Pressure Level, - Measured values in manufacturer's anechoic chamber.
Outdoor Sound Pressure Level - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
 - *3:
Maximum Operating Current - Maximum current is maximum value when operated within the operation range.
- The total current of indoor unit and outdoor unit.
 - MCA - *5: Minimum Circuit Ampacity (Calculation based on UL60335-2-40)
 - Wiring spec. - *6: Selected sample based on Japan Electrotechnical Standards and Codes Committee E0005.
As the regulations of wire size and circuit breaker differ in each country or region, select appropriate devices complied to the regional standard.
 - MAX. CKT. BKR - *7: Maximum Circuit Breaker
 - Operation Range - *8: Suction temperature of the outdoor unit.
 - Energy Star - *9 : ES = Energy Star, ESCC = Energy Star Cold Climate, ESME= Energy Star Most Efficient.
- System continues to operate below rated outdoor operation temperature range, subject to varying conditions. System has no low temperature cut out. Capacity is not tested outside of the rated temperature range.

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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-LFNA	Long Life Filter (36/42/48k units)
UTY-DSGYZ2 ^{*3}	Airstage Edge Controller

NOTES:

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

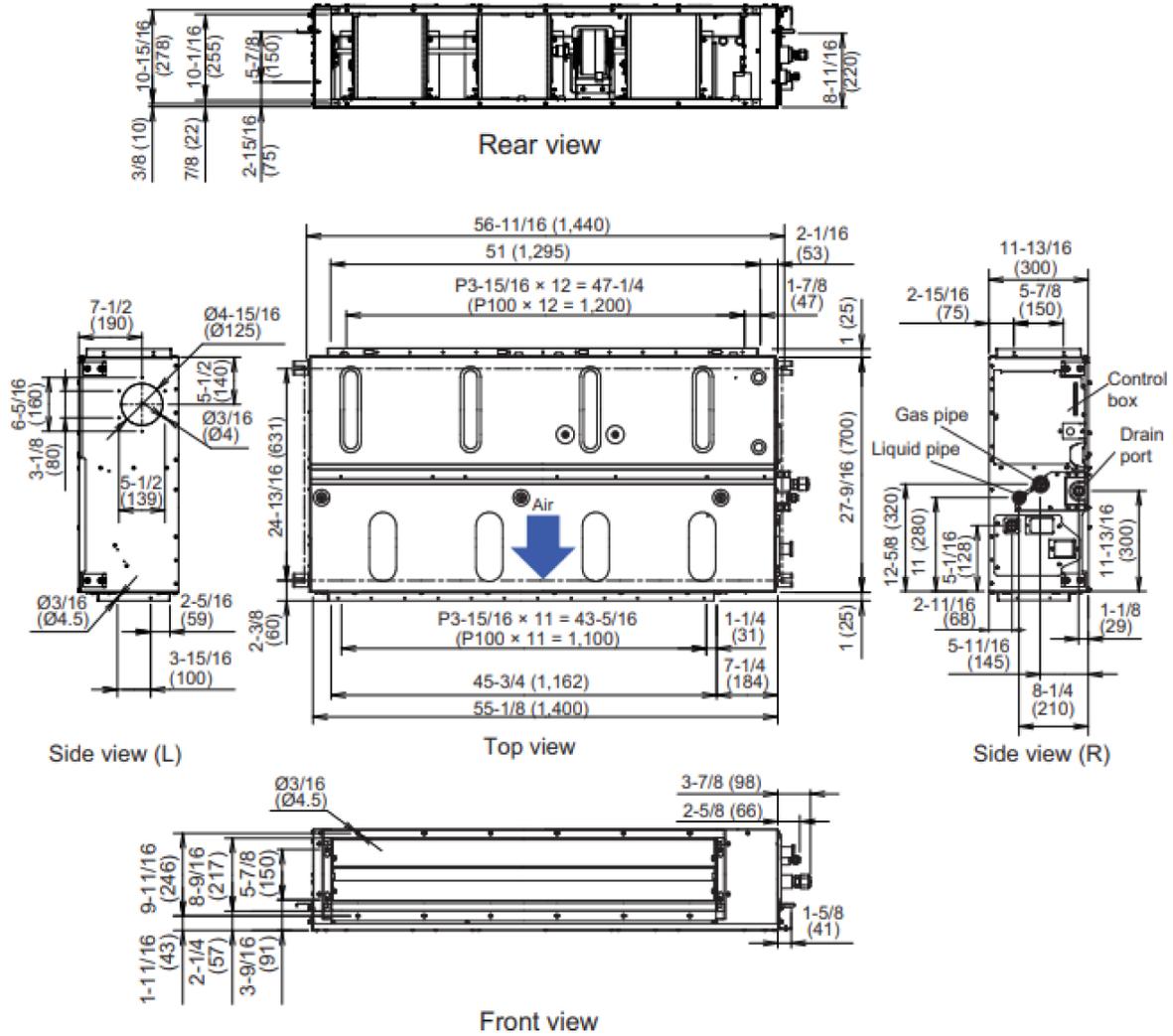
*2 -This device may not be used with any other type of controls (central controller, wire/wireless RC, WiFi adapter, BMS interface).

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

SUBMITTAL - 36KUAS1R

INDOOR UNIT DIMENSIONS:

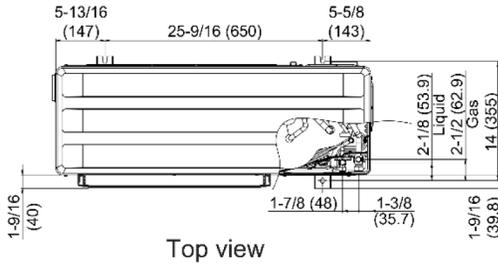
Unit: in (mm)



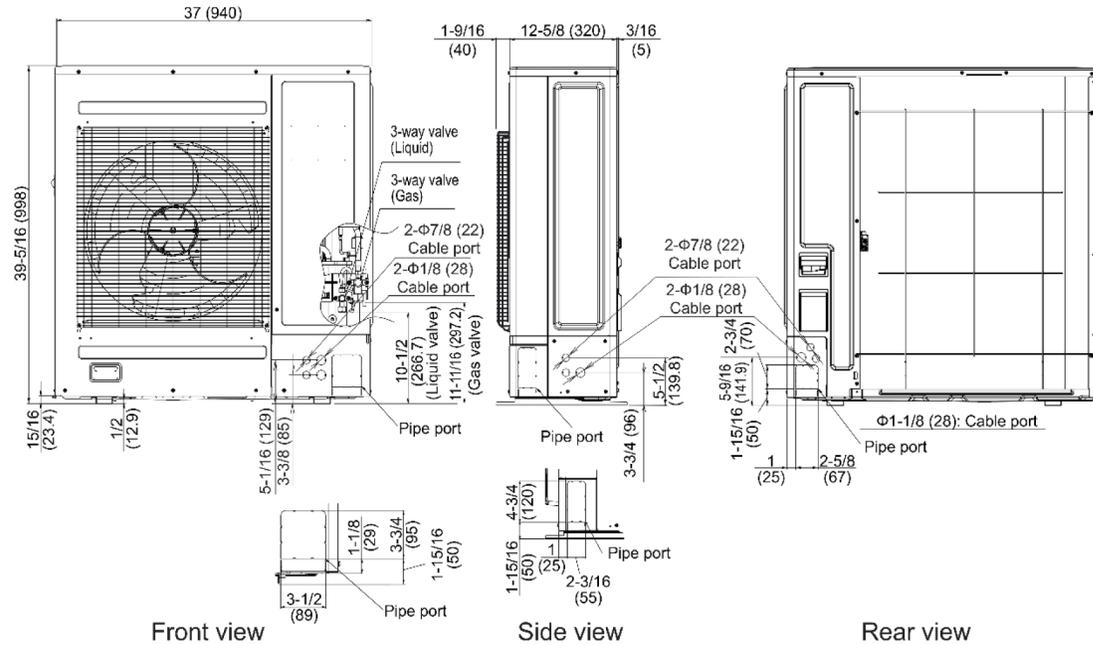
SUBMITTAL - 36KUAS1R

OUTDOOR UNIT DIMENSIONS:

Unit: in (mm)



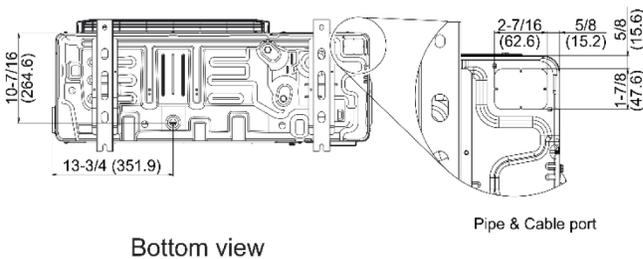
Top view



Front view

Side view

Rear view



Bottom view

Pipe & Cable port