

SUBMITTAL - 36KPAS1

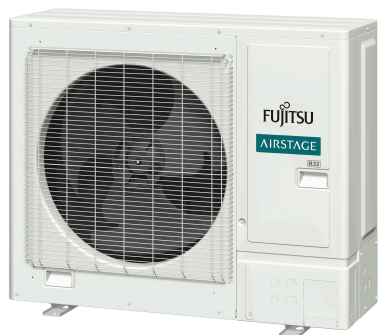
Job Name: _____

Date: _____

Location: _____

R32

Indoor Unit: **ASUH36KPAS**

Outdoor Unit: **AOUH36KPAS1**


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 32dB
- 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)

OUTDOOR UNIT:

- Low GWP R-32 systems for reduced environmental impact
- INVERTER-driven compressor that offers superior performance, comfort, and energy savings
- Special Cooling Operation extends cooling operation down to -4°F (-20°C)
- Compact outdoor unit with extended line set lengths up to 164ft (50m)
- Low-noise outdoor unit operation mode
- Hydro Fin-coated heat exchanger for improved corrosion resistance and coil durability



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>

Version: 20250409A

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SPECIFICATIONS:

Indoor Unit				ASUH36KPAS				
Outdoor Unit				AOUH36KPAS1				
System Name				36KPAS1				
AHRI Number				215390441				
SEER2		Cooling		Btu/hW	21			
EER2					9.75			
HSPF 2 (IV) / HSPF 2 (V)		Heating		kW/kW	10 / 7.7			
COP2					3.3			
Outdoor Operation Range		Cooling		°F (°C)	14 to 122* ⁸ (-10 to 50* ⁸)			
		Heating			5 to 75 (-15 to 24)			
Indoor Capacity		Cooling		Btu/h	33000			
					Min.—Max.	9,900—34,100		
		Heating			Rated	34000		
					Min.—Max.	9,200—37,500		
					Rated	22400		
					Max.	30100		
					Rated	25800		
					Max.			
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)	13-3/8 × 45-1/4 × 11 (340 × 1,150 × 280)			
		Gross			15-15/16 × 50 × 17-11/16 (405 × 1,270 × 450)			
Indoor Weight		Net		lb (kg)	36 (16.5)			
		Gross			49 (22.0)			
Outdoor Dimensions (H × W × D)		Net		in (mm)	31 × 37 × 12-5/8 (788 × 940 × 320)			
		Gross			38-1/16 × 40-7/16 × 17-1/2 (966 × 1,027 × 445)			
Outdoor Weight		Net		lb (kg)	117 (53)			
		Gross			134 (61)			
Indoor Fan	Airflow rate	Cooling	High	CFM (m³/h)	806 (1,370)			
			Med—High		724 (1,230)			
			Med		653 (1,110)			
			Med—Low		583 (990)			
			Low		518 (880)			
			Quiet		418 (710)			
		Heating	High		742 (1,260)			
			Med—High		671 (1,140)			
			Med		612 (1,040)			
			Med—Low		547 (930)			
			Low		483 (820)			
			Quiet		418 (710)			
		Type × Qty				CROSSFLOW FAN × 1		
		Outdoor Fan	Airflow rate		Motor output		W	78
					Cooling		CFM (m³/h)	2,166 (3,680)
Heating								
Type × Qty				PROPELLER FAN × 1				
Indoor Sound Pressure Level* ⁴		Cooling		dB (A)	100			
					High	51		
					Med—High	49		
					Med	46		
					Med—Low	43		
					Low	39		
		Heating	Quiet		32			
			High		48			
			Med—High		45			
			Med		42			
			Med—Low		39			
			Low		36			
Outdoor Sound Pressure Level* ⁴		Cooling		32				
		Heating		54				
				56				

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SPECIFICATIONS:

Outdoor Refrigerant		Type		R32
		Charge	lb oz	3 lb 12 oz
g	1700			
Additional Charge Calculation			oz/ft	0.43
			g/m	40
Outdoor Refrigerant Oil		Type		FW68D
		Amount	in ³ (cm ³)	36.6 (600)
Indoor Moisture removal			pints/h (L/h)	10.4 (4.9)
Indoor Drain hose		Material		POLYPROPYLENE + HIGH-DENSITY POLYETHYLENE
		Tip Diameter	in (mm)	Ø17/32 (Ø13.8) (I.D.), Ø19/32 to 21/32 (Ø15.0 to 16.8) (O.D.)
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		208/230
		Frequency		60
		Available voltage range		187—253
Indoor Current	Cooling		A	14.8
	Heating			13.3
Maximum Operating Current* ³		Cooling		18.4
		Heating		17.9
Outdoor Starting Current				14.8
MCA* ⁵				18.4
Wiring spec.* ⁶				30
MAX. CKT. BKR* ⁷				3.39
Indoor Input Power	Cooling		Rated	0.45—3.82
			Min.—Max.	3.02
	Heating	47°FDB (Outdoor temp.)	Rated	0.52—3.72
			Min.—Max.	2.27
		17°FDB (Outdoor temp.) ¹	Rated	3.68
			Max.	3.43
		5°FDB (Outdoor temp.) ²	Rated	
			Max.	
Indoor Power Factor		Cooling		99.6
		Heating		98.7
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)
 —*6: Selected sample based on Japan Electrotechnical Standards and Codes Committee E0005.
 Wiring spec. —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 ^{*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.

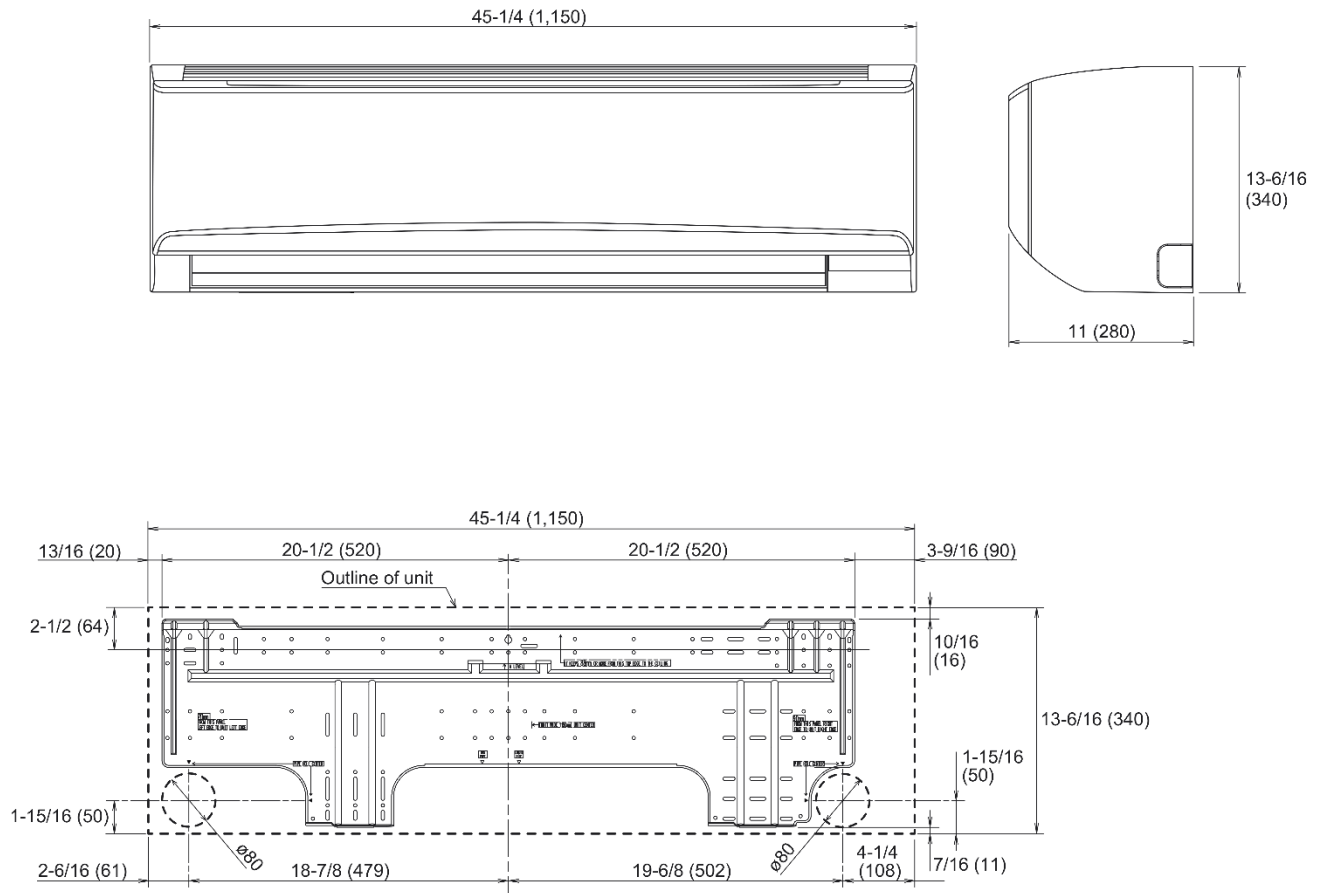
*2 -This device may not be used with any other type of controls (central controller, wire/wireless RC, WiFi adapter, BMS interface).

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

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INDOOR UNIT DIMENSIONS:

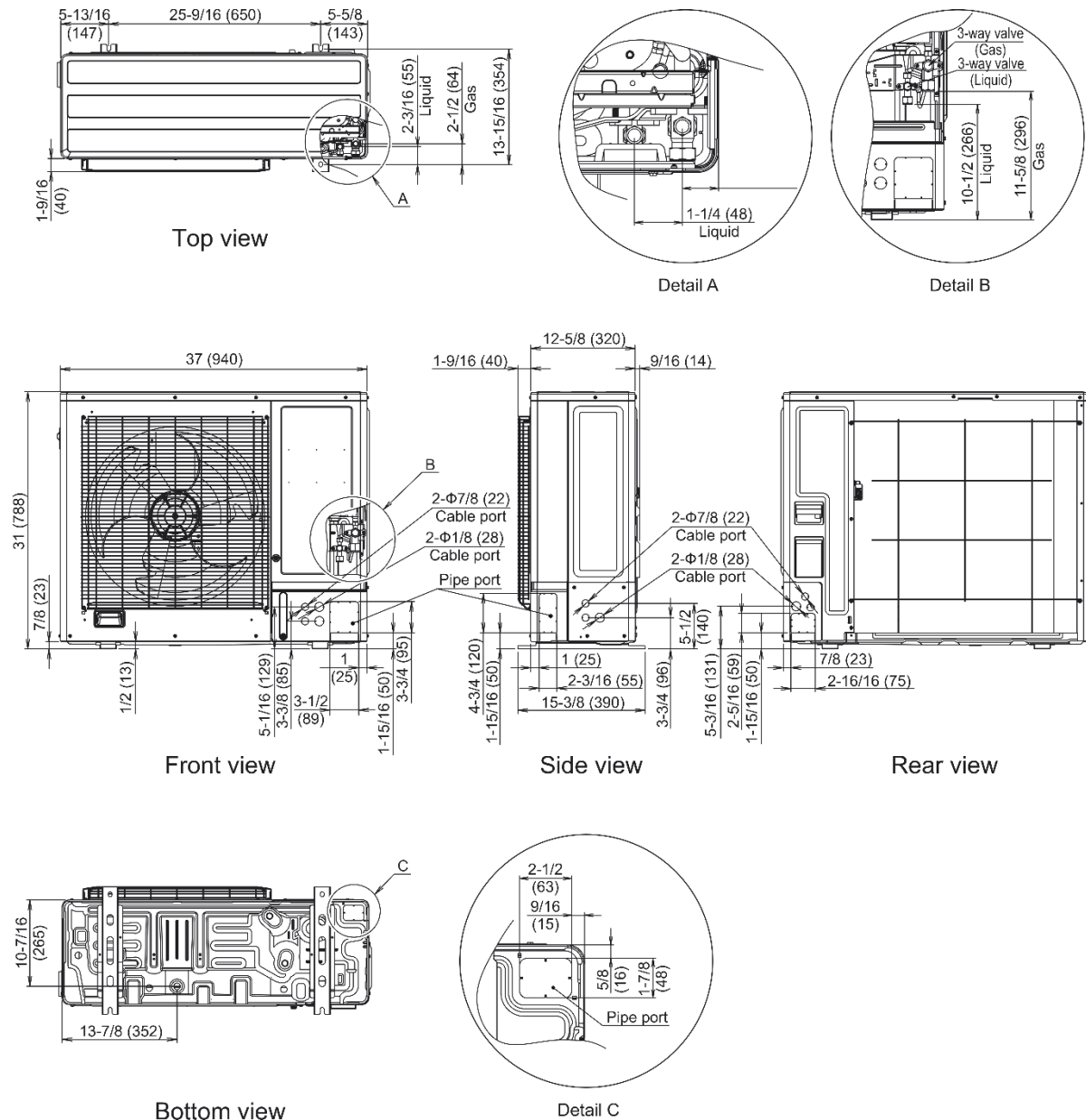
Unit: in (mm)



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OUTDOOR UNIT DIMENSIONS:

Unit: in (mm)



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