

SUBMITTAL - 30KPAS1

Job Name:_____

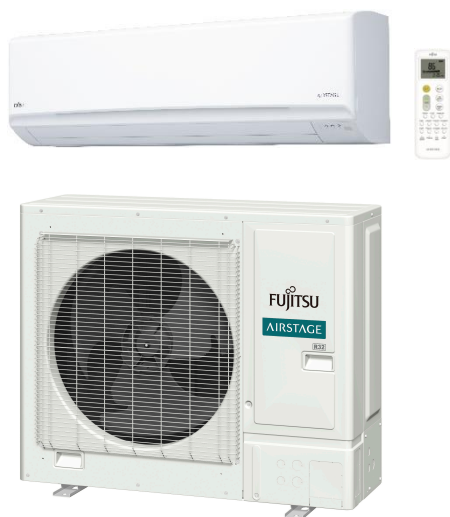
Date:_____

Location:_____

R32

Indoor Unit: **ASUH30KPAS**

Outdoor Unit: **AOUH30KPAS1**



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 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: 20250106A

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SPECIFICATIONS:

Indoor Unit					ASUH30KPAS				
Outdoor Unit					AOUH30KPAS1				
System Name					30KPAS1				
AHRI Number					215390440				
SEER2		Cooling			Btu/hW	22			
EER2						11.7			
HSPF2		Heating			kW/kW	10.2			
COP2						3.62			
Outdoor Operation Range		Cooling			°F (°C)	14 to 122* ⁸ (-10 to 50* ⁸)			
		Heating				5 to 75 (-15 to 24)			
Indoor Capacity		Cooling		Rated	Btu/h	30000			
				Min.—Max.		9,900—32,400			
		Heating	47°FDB (Outdoor temp.)			Rated	30000		
			17°FDB (Outdoor temp.) ^{*1}			Min.—Max.	9,200—34,800		
						Rated	19600		
			5°FDB (Outdoor temp.) ^{*2}			Max.	30100		
						Rated	25800		
			Max.						
Outdoor Connection pipe		Liquid		in (mm)	Ø3/8 (Ø9.52)				
		Gas			Ø5/8 (Ø15.88)				
		Method			FLARE				
		Pre-charge length			ft (m)	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		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		Motor output			W	78	
				Airflow rate		Cooling		CFM (m³/h)	2,166 (3,680)
						Heating			
Type × Qty				PROPELLER FAN × 1					
Indoor Sound Pressure Level ^{*4}		Motor output			W	100			
		Cooling		High	dB (A)	51			
				Med—High		49			
				Med		46			
				Med—Low		43			
				Low		39			
				Quiet		32			
		Heating		High		48			
				Med—High		45			
				Med		42			
				Med—Low		39			
				Low		36			
				Quiet		32			
Outdoor Sound Pressure Level ^{*4}		Cooling					53		
		Heating					55		

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SPECIFICATIONS:

Outdoor Refrigerant		Type		R32
		Charge	lb oz	3 lb 12 oz
g	1700			
Additional Charge Calculation			oz/ft	0.44
			g/m	40
Outdoor Refrigerant Oil		Type		FW68D
		Amount	in ³ (cm ³)	36.6 (600)
Indoor Moisture removal			pints/h (L/h)	9.1 (4.3)
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	11.3
	Heating			10.8
Maximum Operating Current* ³		Cooling		18.4
		Heating		17.9
Outdoor Starting Current				11.3
MCA* ⁵				18.4
Wiring spec.* ⁶		MAX. CKT. BKR* ⁷		30
Indoor Input Power	Cooling			Rated
			Min.—Max.	0.45—3.42
	Heating	47°FDB (Outdoor temp.)	Rated	2.43
			Min.—Max.	0.52—3.00
		17°FDB (Outdoor temp.)* ¹	Rated	1.89
			Max.	3.68
		5°FDB (Outdoor temp.)* ²	Rated	3.43
			Max.	
Indoor Power Factor		Cooling		98.5
		Heating		97.8
Energy Star* ⁹				ES, ESCC, ESME

NOTES

- Cooling: Indoor temperature of 80°F (26.7°CDB)/67°FDB (19.44°CWB), and outdoor temperature of 95°FDB (35°CDB)/75°FDB (23.9°CWB).
 - Heating: Indoor temperature of 70°FDB (21.11°CDB)/60°FDB (15.56°CWB), and outdoor temperature of 47°FDB (8.33°CDB)/43°FDB (6.11°CWB).
 - 17°FDB (Outdoor temp.)^{*1}: Heating (17°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FDB (15.56°CWB), and outdoor temperature of 17°FDB (-8.33°CDB)/15°FDB (-9.44°CWB).
 - 5°FDB (Outdoor temp.)^{*2}: Heating (5°F): Indoor temperature of 70°FDB (21.11°CDB)/60°FDB (15.56°CWB), and outdoor temperature of 5°FDB (-15.0°CDB)/4°FDB (-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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OUTDOOR UNIT DIMENSIONS:

Unit: in (mm)

