

SUBMITTAL - 24KNAS1

Job Name: _____	Date: _____
Location: _____	



Indoor Unit: **ASUH24KNAS**

Outdoor Unit: **AOUH24KNAS1**



FEATURES

INDOOR UNIT:

- Compact wall-mounted indoor unit providing superior comfort and a premium aesthetic
- Indoor unit with ProCore™ (High Corrosion Resistant Copper) coils for long-lasting protection against corrosion
- Whisper-quiet operation with sound levels as low as 31dB
- Multiple fan speed options; Auto, High, Med, Low, and Quiet.
- Special Operation modes available:
 - Economy Mode
 - Energy Saving Mode
 - Powerful Mode
 - Auto-restart function
 - Auto Changeover
- Enhanced controls platform for seamless, intuitive operation:
 - Wireless remote controller included with the indoor unit
 - Optional Wi-Fi connectivity with Airstage Mobile App monitoring and control via compatible USB WLAN adapter

OUTDOOR UNIT:

- Low GWP R-32 systems for reduced environmental impact
- INVERTER-driven compressor delivering high efficiency and comfort.
- Compact outdoor unit with extended line set lengths up to 82ft (25m)



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			ASUH24KNAS		
Outdoor Unit			AOUH24KNAS1		
System Name			24KNAS1		
AHRI Number			217617836		
SEER2	Cooling	Btu/hW	20		
EER2		kW/kW	--		
HSPF 2 (IV) / HSPF 2 (V)	Heating	Btu/hW	10.5		
COP2		kW/kW	9 / 6.7		
		Btu/hW	3.40		
Outdoor Operation Range	Cooling	°F (°C)	50 to 122 (10 to 50)		
	Heating		5 to 75 (-15 to 24)		
Indoor Capacity	Cooling	Rated	22,000		
		Min.—Max.	3,800—24,000		
	Heating	Rated	24,000		
		Min.—Max.	3,900—26,000		
		47°FDB (Outdoor temp.)	Rated	14,800	
		17°FDB (Outdoor temp.) ¹	Max.	18,200	
		5°FDB (Outdoor temp.) ²	Rated	16,000	
	Max.				
Outdoor Connection pipe	Size	Liquid	in (mm)		
		Gas	in (mm)		
	Method		FLARE		
	Pre-charge length		ft (m)	49 (15)	
	Min. length			10 (3)	
	Max. length			82 (25)	
Max. height difference		66 (20)			
Indoor Dimensions (H × W × D)	Net		in (mm)		
	Gross		in (mm)		
Indoor Weight	Net		lb (kg)		
	Gross		lb (kg)		
Outdoor Dimensions (H × W × D)	Net		in (mm)		
	Gross		in (mm)		
Outdoor Weight	Net		lb (kg)		
	Gross		lb (kg)		
Indoor Fan	Airflow rate	Cooling	High	CFM (m ³ /h)	
			Med	CFM (m ³ /h)	
			Low	CFM (m ³ /h)	
		Heating	Quiet	CFM (m ³ /h)	
			High	CFM (m ³ /h)	
			Med	CFM (m ³ /h)	
			Low	CFM (m ³ /h)	
		Quiet	CFM (m ³ /h)		
		Type × Qty		CROSSFLOW FAN × 1	
		Motor output		W	
Outdoor Fan	Airflow rate	Cooling	CFM (m ³ /h)		
		Heating	CFM (m ³ /h)		
	Type × Qty		PROPELLER FAN × 1		
	Motor output		W		
Indoor Sound Pressure Level ⁴	Cooling	High	dB (A)		
		Med	dB (A)		
		Low	dB (A)		
		Quiet	dB (A)		
	Heating	High	dB (A)		
		Med	dB (A)		
		Low	dB (A)		
		Quiet	dB (A)		
Outdoor Sound Pressure Level ⁴	Cooling	dB (A)			
	Heating	dB (A)			

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SPECIFICATIONS:

Outdoor Refrigerant	Type		R32
	Charge	lb oz	2 lb 10 oz
		g	1,200
Additional Charge Calculation		oz/ft	0.22
		g/m	20
Outdoor Refrigerant Oil	Type		RmM68AF
	Amount	in ³ (cm ³)	21.4 (350)
Indoor Moisture removal		pints/h (L/h)	7.4 (3.5)
Indoor Drain hose	Material		POLYPROPYLENE + HIGH-DENSITY POLYETHYLENE
	Tip Diameter	in (mm)	Ø17/32 (Ø13.8) (I.D.), Ø5/8 to Ø21/32 (Ø15.8 to Ø16.7) (O.D.)
Indoor Operation range	Cooling	°F (°C)	64 to 90 (18 to 32)
	Heating	%RH	80 or less
Power Supply		°F (°C)	60 to 86 (16 to 30)
Available Voltage Range			208/230 V~ 60 Hz
			187—253
Indoor Current	Cooling	Rated	9.3
	Heating		9.1
Maximum Operating Current ³		Cooling	14.4
		Heating	13.9
Outdoor Starting Current			9.3
MCA ⁵			17.8
Wiring spec. ⁶	MAX. CKT. BKR ⁷		20
Indoor Input Power	Cooling	Rated	2.10
		Min.—Max.	0.13—2.75
	Heating	Rated	2.07
		Min.—Max.	0.18—2.55
		Rated	1.50
		Max.	2.30
	Rated	2.13	
	Max.	2.13	
Indoor Power Factor	Cooling	%	98.2
	Heating		98.9

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.
- Wiringspec.
- 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

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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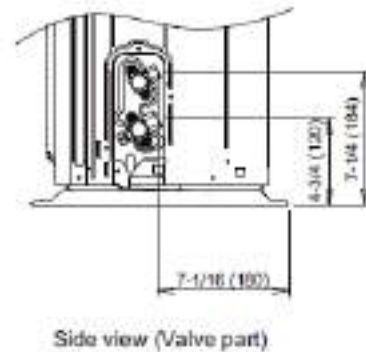
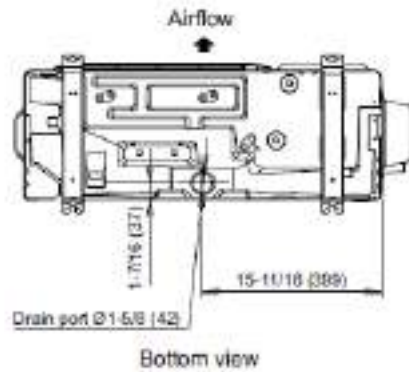
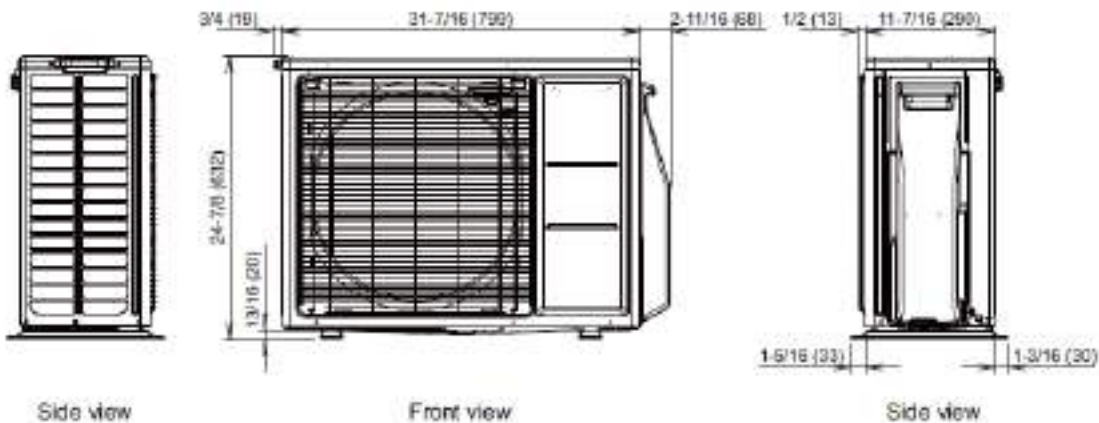
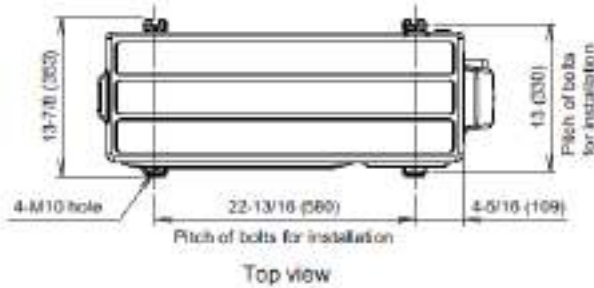
ACCESSORIES:

Model Number	Description
UTY-TFSXH4	Wi-Fi Adapter (WiFi Interface Module USB Type)
FJ-IR-WIFI-1NA	Intesis IR Wireless AC Cloud Control Interface (Intesis Home app)

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OUTDOOR UNIT DIMENSIONS:

Unit: in (mm)



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