

SUBMITTAL - 45KWAS5

Job Name: _____

Date: _____

Location: _____

R32

Outdoor Unit: **AOUH45KWAS5**

FEATURES

MULTI-ZONE OUTDOOR UNIT:

- Multi-zone outdoor Unit with a Connectable capacity of up to 130%
- Supports connection of up to 5 indoor units
- Low GWP R-32 systems for reduced environmental impact
- INVERTER-driven compressor that offers superior performance, comfort, and energy savings
- Efficiently delivers comfort with capacities ranging from 34,000 to 58,000 BTU
- Blue Fin-coated heat exchanger for improved corrosion resistance and coil durability
- Super quiet operation with sound levels as low as 54dB
- Common indoor units compatible with single and multi-zone systems: Compact Cassette, Mid Static Duct, Slim Duct, and Wall-Mount.
- Current limit function, allowing precise control to meet specific power requirements.
- Built-in safety features, including circuit protection, fan motor protection, and compressor protection, ensuring reliable operation and long-lasting durability
- Compact outdoor unit with extended line set lengths up to 262ft (80m)



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:

Outdoor Unit					AOUH45KWAS5	
System Name					45KWAS5	
AHRI Number					215735280	
SEER2		Wall Mounted	Cooling		Btu/hW	22
		Duct				19
		Mixed				20.5
EER2		Wall Mounted	Cooling	Rated		12
		Duct				11.7
		Mixed				11.8
COP2		Wall Mounted	Heating	kW/kW	4	
		Duct			3.6	
		Mixed			3.8	
HSPF 2 (IV) / HSPF 2 (V)		Wall Mounted	Heating	Btu/hW	10 / 8	
		Duct			9 / 7.4	
		Mixed			9.5 / 7.7	
Outdoor Operation Range		Cooling			°F (°C)	14 TO 122 (-10 TO 50)
		Heating				5 TO 75 (-15 TO 24)
Outdoor Connection pipe	Size × Qty	Liquid			in (mm)	Ø1/4 (Ø6.35) × 3+Ø1/4 (Ø6.35) × 2
		Gas				Ø3/8 (Ø9.52) × 3+Ø1/2 (Ø12.70) × 2
	Method					FLARE
	Pre-charge length (Total)					164 (50)
	Min. length				ft (m)	49 (15)
						Total
	Max. length	Total	262 (80)			
		Each	82 (25)			
	Additional charge					oz/ft (g/m)
Outdoor Dimensions (H × W × D)		Net			in (mm)	39-5/16 × 37 × 12-5/8 (998 × 940 × 320)
		Gross				46-5/16 × 43-3/16 × 17-1/2 (1,176 × 1,097 × 445)
Outdoor Weight		Net			lb (kg)	163 (74)
		Gross				185 (84)
Outdoor Fan	Airflow rate	Cooling			CFM (m³/h)	2,378 (4,040)
		Heating				2,490 (4,230)
	Type × Qty					PROPELLER FAN × 1
	Motor output				W	120
Outdoor Sound Pressure Level ¹⁴		Cooling			dB (A)	54
		Heating				56

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SPECIFICATIONS:

Outdoor Refrigerant	Type		R32
	Charge	lb (g)	6 lb 10 oz (3,000)
Outdoor Refrigerant Oil	Type		RMM68AF
	Amount	in ³ (cm ³)	70.2 (1,150)
Power Supply			1Ø, 208/230 V~ 60 HZ
Available Voltage Range			187—253 V
Maximum Operating Current ^{*3}		A	25
Outdoor Starting Current		A	16.6
MCA ^{*5}			29.9
Wiring spec. ^{*6}	MAX. CKT. BKR ^{*7}		30
Energy Star ^{*8}			ES, ESCC, ESME

NOTES:

- Indoor Sound Pressure Level, – *4:
- Outdoor 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.
- *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
- Energy Star – *8 : 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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OUTDOOR UNIT DIMENSIONS:

Unit: in (mm)

