

SUBMITTAL - 18KWAH2

Job Name: _____	Date: _____
Location: _____	

R32

Outdoor Unit: **AOUH18KWAH2**



XLTH

FEATURES

MULTI-ZONE OUTDOOR UNIT:

- Multi-zone outdoor Unit with a connectable capacity of up to 130%
- Supports connection of up to 2 indoor units
- Low GWP R-32 systems for reduced environmental impact
- INVERTER-driven compressor that offers superior performance, comfort, and energy savings
- Operates efficiently with heating down to -15°F (-26°C) and cooling up to 122°F.
- Built-in base pan heater prevents ice buildup for uninterrupted operation in freezing temperatures.
- Efficiently delivers comfort with capacities ranging from 14,000 to 24,000 BTU
- Blue Fin-coated heat exchanger for improved corrosion resistance and coil durability
- Super quiet operation with sound levels as low as 47dB
- 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 164ft (50m)



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: 20250106A

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SPECIFICATIONS:

Outdoor Unit				AOUH18KWAH2	
System Name				18KWAH2	
AHRI Number				215447691	
SEER2	Wall Mounted	Cooling		Btu/hW	22
	Duct				19
	Mixed				20.5
EER2	Wall Mounted	Cooling	Rated	Btu/hW	13.5
	Duct				13
	Mixed				13.2
COP2	Wall Mounted	Heating	Rated	kW/kW	4.4
	Duct				3.8
	Mixed				4.1
HSPF2	Wall Mounted	Heating	Heating	Btu/hW	11
	Duct				10
	Mixed				10.5
Outdoor Operation Range		Cooling		°F (°C)	14 TO 122 (-10 TO 50)
		Heating			-15 TO 75 (-26 TO 24)
Outdoor Connection pipe	Size × Qty	Liquid		in (mm)	Ø1/4 (Ø6.35) × 2
		Gas			Ø3/8 (Ø9.52) × 2
			Method		FLARE
			Pre-charge length (Total)		98 (30)
	Min. length			ft (m)	33 (10)
					16 (5)
	Max. length			ft (m)	164 (50)
					82 (25)
			Additional charge		0.22 (20)
	Outdoor Dimensions (H × W × D)		Net		in (mm)
Gross			41-5/8 × 40-7/16 × 17-1/2 (1,058 × 1,027 × 445)		
Outdoor Weight		Net		lb (kg)	117 (53)
		Gross			137 (62)
Outdoor Fan	Airflow rate	Cooling		CFM (m ³ /h)	1,413 (2,400)
		Heating			1,336 (2,270)
			Type × Qty		PROPELLER × 1
			Motor output		W
Outdoor Sound Pressure Level ⁴		Cooling		dB (A)	47
		Heating			49

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SPECIFICATIONS:

Outdoor Refrigerant	Type		R32
	Charge	lb (g)	3 lb 1 oz (1400)
Outdoor Refrigerant Oil	Type		RMM68AF
	Amount	in ³ (cm ³)	48.8 (800)
Power Supply			1Ø, 208/230 V~ 60 HZ
Available Voltage Range			187—253 V
Maximum Operating Current ^{*3}		A	15.5
Outdoor Starting Current		A	7.6
MCA ^{*5}			19.9
Wiring spec. ^{*6}	MAX. CKT. BKR ^{*7}		20
Energy Star ^{*8}			ES, ESCC, ESME

NOTES:

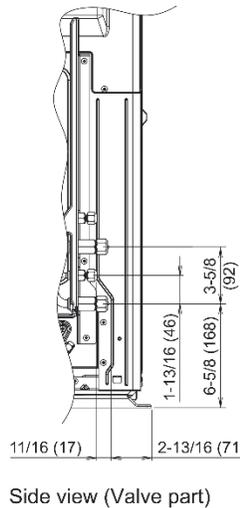
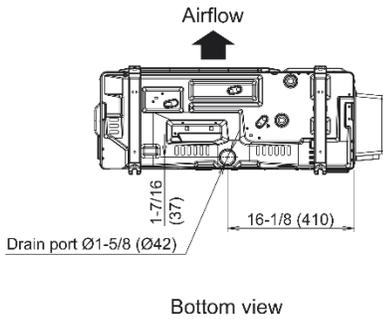
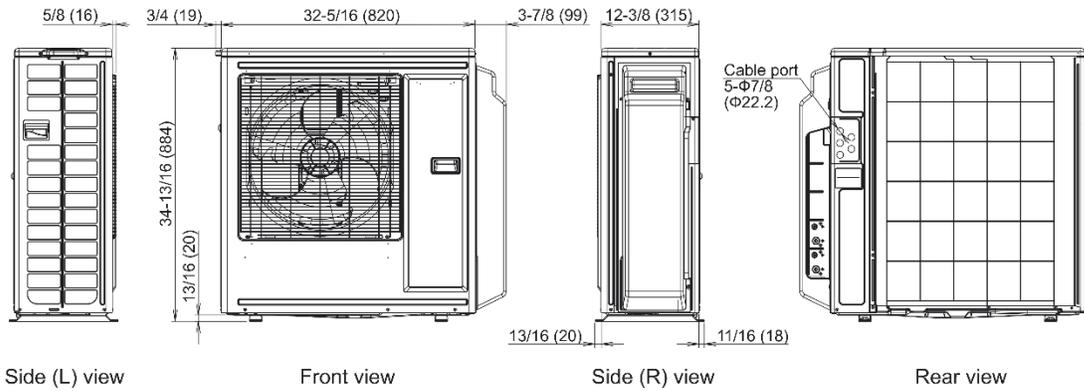
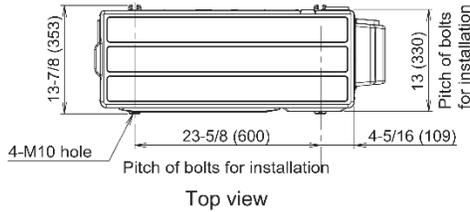
- *4: Indoor Sound Pressure Level – Measured values in manufacturer’s anechoic chamber.
- Outdoor Sound Pressure Level – Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
- *3: Maximum Operating Current – 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.
- 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)



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