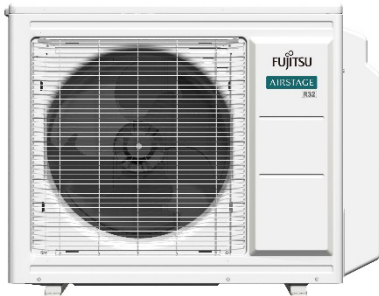


SUBMITTAL - 36KWAS4

Job Name: _____	Date: _____
Location: _____	



Outdoor Unit: **AOUH36KWAS4**



FEATURES

MULTI-ZONE OUTDOOR UNIT:

- Multi-zone outdoor Unit with a Connectable capacity of up to 130%
- Supports connection of 2 to 4 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 25,000 to 46,000 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 Ducted, Multi-Position Air Handling Unit, Slim Ducted, and Wall-Mounted models
- 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 230ft (70m)



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: 20250619A

SUBMITTAL - 36KWAS4

SPECIFICATIONS:

Model number				AOUH36KWAS4		
System name				36KWAS4		
Connectable Indoor Unit	Number	Min.		2		
		Max.		4		
	Total Capacity Range	Min.		25,000		
Max.		Btu/h	46,000			
AHRI Number				215447689	215447690	215447697
Standard combination of indoor unit				Non-Ducted	Ducted	Mixed
SEER2	Cooling		Btu/hW	22	19	20.5
EER2	Cooling	Rated	Btu/hW	12	11.7	11.8
HSPF 2 (IV) / HSPF 2 (V)	Heating		Btu/hW	10 / 7.6	9 / 7	9.5 / 7.3
COP2	Heating	Rated	kW/kW	4	3.5	3.74
Energy Star*1				ES, ESME		
Outdoor Operation Range	Cooling		°F (°C)	14 to 122 (-10 to 50)		
	Heating			5 to 75 (-15 to 24)		
Capacity	Cooling	Rated	kW	10.08		
			Btu/h	34,400		
		Min.—Max.	kW	3.22—11.14		
			Btu/h	11,000—38,000		
	Heating	Rated	kW	10.67		
			Btu/h	36,400		
		Min.—Max.	kW	3.22—12.31		
			Btu/h	11,000—42,000		
	Heating (17°F)*2	Rated	kW	6.92	7.15	7.03
			Btu/h	23,600	24,400	24,000
		Min.—Max.	kW	2.20—8.50	2.20—8.32	2.20—8.38
			Btu/h	7,500—29,000	7,500—28,400	7,500—28,600
Heating (5°F)*3	Rated	kW	7.03	6.74	6.86	
		Btu/h	24,000	23,000	23,400	
	Min.—Max.	kW	1.79—7.03	1.79—6.74	1.79—6.86	
		Btu/h	6,100—24,000	6,100—23,000	6,100—23,400	
Input Power	Cooling	Rated	kW	2.87	2.94	—
		Max.		4	4.27	—
	Heating	Rated		2.67	3.05	—
		Max.		3.46	3.73	—
	Heating (17°F)*2	Rated		2.23	2.71	—
		Max.		3.27	3.38	—
	Heating (5°F)*3	Rated		3.2	3.24	—
		Max.		3.2	3.24	—
Current	Cooling	Rated	A	12.8	13.2	13
	Heating	Rated	A	11.8	13.7	12.7
Starting Current				A	13.7	
Maximum Operating Current *4				A	20	
Power Supply	Voltage		V	208/230		
	Available Voltage Range		V	187—253		
	Frequency		Hz	60		
Minimum Circuit Ampacity (MCA)				A	24.9	
Maximum Circuit Breaker				A	25	
Outdoor Fan	Airflow Rate	Cooling	CFM (m3/h)	1,772 (3,010)		
		Heating		1,707 (2,900)		
	Type × Qty			Propeller × 1		
	Motor Output			W	49	
Outdoor Sound Pressure Level *5	Cooling		dB (A)	54		
	Heating			56		
Refrigerant	Type		R32			
	Charge		lb (g)	5 lb 8 oz (2,500)		
Refrigerant Oil	Type		RmM68AF			
	Amount		in3 (cm3)	48.8 (800)		

SUBMITTAL - 36KWAS4

SPECIFICATIONS:

Model number				AOUH36KWAS4			
System name				36KWAS4			
Outdoor Dimensions (H x W x D)		Net	in (mm)	34-13/16 x 32-5/16 x 12-3/8 (884 x 820 x 315)			
		Gross		41-5/8 x 40-7/16 x 17-1/2 (1,058 x 1,027 x 445)			
Outdoor Weight		Net	lb (kg)	128 (58)			
		Gross		148 (67)			
Connection Pipe	Size x Qty	Liquid	in (mm)	Ø1/4 (Ø6.35) x 2 + Ø1/4 (Ø6.35) x 2			
		Gas		Ø3/8 (Ø9.52) x 2 + Ø1/2 (Ø12.70) x 2			
	Method		Flare				
	Pre-Charge Length (Total)		164 (50)				
	Min. Length	Total		ft (m)	49 (15)		
		Each			16 (5)		
	Max. Length	Total			230 (70)		
		Each			82 (25)		
	Max. Height Difference	Between outdoor unit and each indoor units			49 (15)		
		Between indoor units			33 (10)		
		Additional Charge		oz/ft (g/m)	0.22 (20)		
Power Factor	Cooling	Rated	%	97.5	96.8	—	
	Heating			98.4	96.8	—	

NOTES:

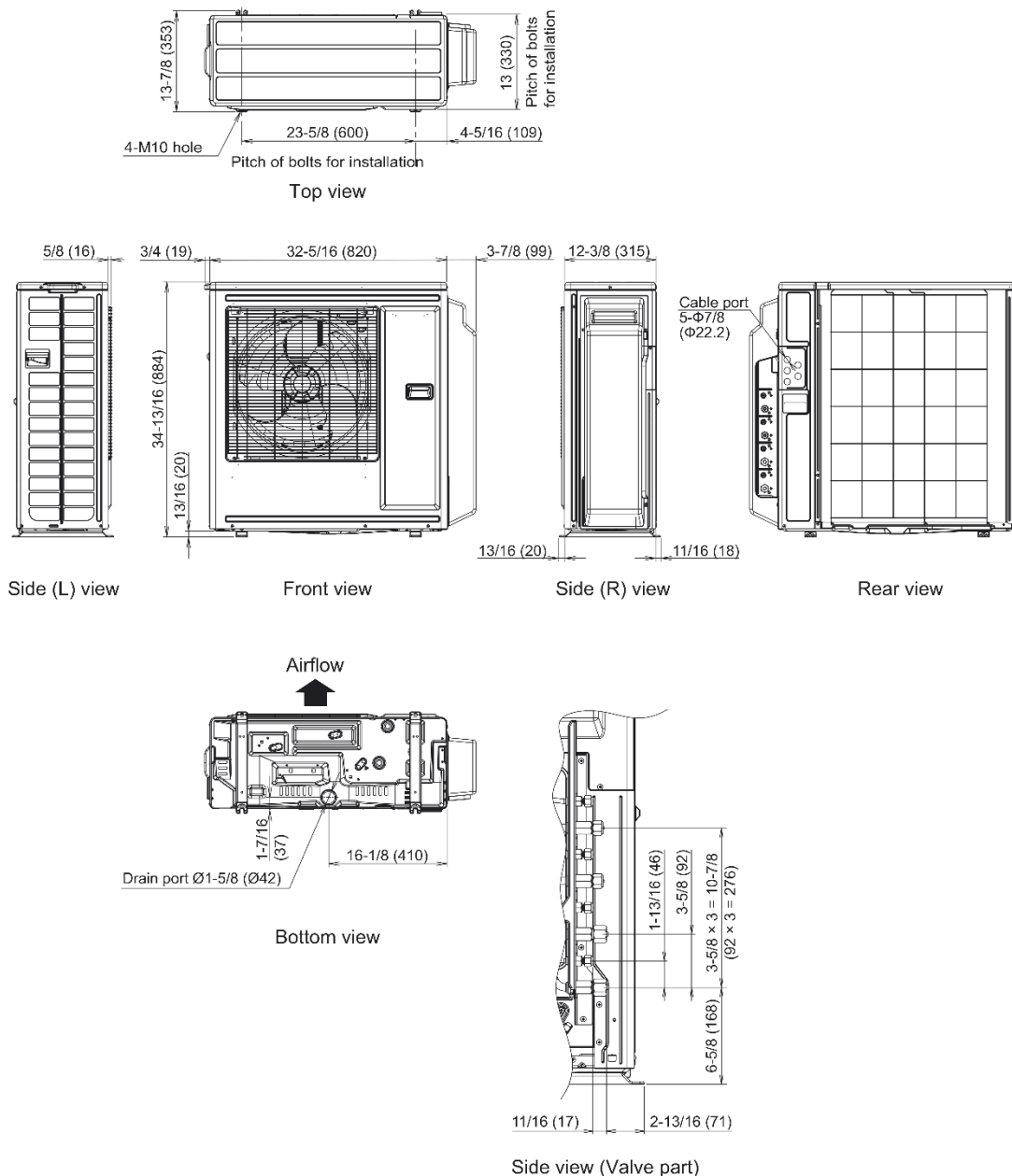
- *1: ES = Energy Star, ESCC = Energy Star Cold Climate, ESME= Energy Star Most Efficient
- Specifications are based on the following conditions:
 - Cooling: Indoor temperature of 80°FDB (26.7°CDB)/67°FWB (19.4°CWB), and outdoor temperature of 95 °FDB (35°CDB)/75°FWB (23.9°CWB).
 - Heating: Indoor temperature of 70°FDB (21.1°CDB)/60°FWB (15.6°CWB), and outdoor temperature of 47 °FDB (8.3°CDB)/43°FWB (6.1°CWB).
- *2: 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).
- *3: 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.
- Pipe length: 25 ft (7.5 m), Height difference: 0 ft (0 m). (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *4: Maximum current:
 - The maximum value when operated within the operation range.
 - The total current of indoor unit and outdoor unit.
- *5: Sound pressure level:
 - Measured values in manufacturer’s semi-anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

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.

SUBMITTAL - 36KWAS4

OUTDOOR UNIT DIMENSIONS:

Unit: in (mm)



SUBMITTAL - 36KWAS4

MULTI-ZONE ALLOWABLE COMBINATIONS:

4-unit multi-split outdoor unit: AOUH36KWAS4 or AOUH36KWAH4					
Combination no.	Indoor unit				Total
	Unit 1	Unit 2	Unit 3	Unit 4	
	(kBtu class)				
1	7	24	—	—	31
2	9	24	—	—	33
3	12	18	—	—	30
4	12	24	—	—	36
5	15	18	—	—	33
6	15	24	—	—	39
7	18	18	—	—	36
8	18	24	—	—	42
9	7	7	12	—	26
10	7	7	15	—	29
11	7	7	18	—	32
12	7	7	24	—	38
13	7	9	9	—	25
14	7	9	12	—	28
15	7	9	15	—	31
16	7	9	18	—	34
17	7	9	24	—	40
18	7	12	12	—	31
19	7	12	15	—	34
20	7	12	18	—	37
21	7	12	24	—	43
22	7	15	15	—	37
23	7	15	18	—	40
24	7	15	24	—	46
25	7	18	18	—	43
26	9	9	9	—	27
27	9	9	12	—	30
28	9	9	15	—	33
29	9	9	18	—	36
30	9	9	24	—	42
31	9	12	12	—	33
32	9	12	15	—	36
33	9	12	18	—	39
34	9	12	24	—	45
35	9	15	15	—	39
36	9	15	18	—	42
37	9	18	18	—	45
38	12	12	12	—	36
39	12	12	15	—	39
40	12	12	18	—	42
41	12	15	15	—	42
42	12	15	18	—	45
43	15	15	15	—	45
44	7	7	7	7	28
45	7	7	7	9	30

NOTE: Up to 2 Mid Static Ducted or Multi Position Air Handling Units can be connected to the combination. If Mid Static Ducted or Multi Position Air Handling Units are included, the total number of connectable units is limited to 3.

SUBMITTAL - 36KWAS4

MULTI-ZONE ALLOWABLE COMBINATIONS:

4-unit multi-split outdoor unit: AOUH36KWAS4 or AOUH36KWAH4 (Contd.)					
Combination no.	Indoor unit				Total
	Unit 1	Unit 2	Unit 3	Unit 4	
	(kBtu class)				
46	7	7	7	12	33
47	7	7	7	15	36
48	7	7	7	18	39
49	7	7	7	24	45
50	7	7	9	9	32
51	7	7	9	12	35
52	7	7	9	15	38
53	7	7	9	18	41
54	7	7	12	12	38
55	7	7	12	15	41
56	7	7	12	18	44
57	7	7	15	15	44
58	7	9	9	9	34
59	7	9	9	12	37
60	7	9	9	15	40
61	7	9	9	18	43
62	7	9	12	12	40
63	7	9	12	15	43
64	7	9	12	18	46
65	7	9	15	15	46
66	7	12	12	12	43
67	7	12	12	15	46
68	9	9	9	9	36
69	9	9	9	12	39
70	9	9	9	15	42
71	9	9	9	18	45
72	9	9	12	12	42
73	9	9	12	15	45
74	9	12	12	12	45

NOTE: Up to 2 Mid Static Ducted or Multi Position Air Handling Units can be connected to the combination. If Mid Static Ducted or Multi Position Air Handling Units are included, the total number of connectable units is limited to 3.

SUBMITTAL - 36KWAS4

COMPATIBLE INDOOR UNIT MODELS:

Nominal Capacity (Btu/h)	Wall Mounted	Slim Ducted	Comp. Cassette	Multi Position AHU	Mid-Static Ducted
7000	ASUH07KPAS	ADUH07KUAS	ACUH07KUAS	--	--
9000	ASUH09KPAS	ADUH09KUAS	ACUH09KUAS	--	--
12000	ASUH12KPAS	ADUH12KUAS	ACUH12KUAS	AMUH12KUAS	ARUH12KUAS
15000	ASUH15KPAS	--	--	--	--
18000	ASUH18KPAS	ADUH18KUAS	ACUH18KUAS	AMUH18KUAS	ARUH18KUAS
24000	ASUH24KPAS	ADUH24KUAS	--	AMUH24KUAS	ARUH24KUAS

The Fujitsu logo is a worldwide trademark of Fujitsu General Limited. The Airstage logo and name is a worldwide trademark of Fujitsu General Limited and is a registered trademark in Japan, the USA and other countries or areas. Copyright 2025 Fujitsu General America, Inc. Fujitsu's products are subject to continuous improvements. Fujitsu reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.