

Multi Zone Outdoor Units 18, 24 and 36,000 BTUs

**AOU18RLXFZ, AOU24RLXFZ,
AOU36RLXFZ1**



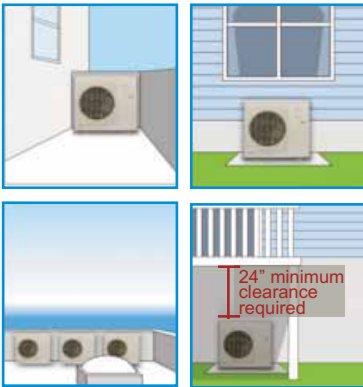
AOU18, 24RLXFZ

AOU36RLXFZ1



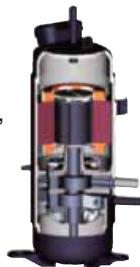
Compact Size

The compact size of the outdoor units allows for many installation opportunities.



DC Twin Rotary Compressor

A high performance, low noise, large capacity DC twin rotary compressor is used.



Nominal Capacities, SEER and HSPF Ratings

Data below is based on AHRI 210/240 non-ducted wall mounted models.

	AOU 18RLXFZ	AOU 24RLXFZ	AOU 36RLXFZ1
Heat Pump	ASU9+ASU9	ASU9+ASU7+ASU7	ASU9 x 4
Connectable Indoor Unit Number	2	2 to 3	3 to 4
Connectable Unit Capacity Class BTU/h	14 to 21,000'	14 to 27,000'	27 to 39,000'
Rated Capacity Cooling/Heating BTU/h	18,000/22,000	22,000/24,000	35,200/36,400
Clg. Operating Range °F(°C)	14 to 115 (-10 to 46)	14 to 115 (-10 to 46)	14 to 115 (-10 to 46)
Htg. Operating Range °F(°C)	5 to 75 (-15 to 24)	5 to 75 (-15 to 24)	5 to 75 (-15 to 24)
Input Power: Clg/Htg Rated kW*	1.44/1.87	1.76/1.73	3.52/3.00
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1
Current: Total Max. (A)	10.0	13.7	20.3
Minimum Circuit Ampacity (A)	12.1	16.7	24.6
MAX.CRT.BKR (A)	15	20	30
Outdoor Fan Airflow CFM (Clg/Htg)	1,795/1,619	1,942/1,942	2,119/2,237
Fan: Type x Quantity	Propeller x 1	Propeller x 1	Propeller x 1
Sound Pressure Level Cooling dB(A)	49	51	53
Sound Pressure Level Heating dB(A)	49	52	55
Pre-Charge Length Total Ft (m)	98 (30)	98 (30)	164 (50)
Max. Length Total Ft (m)	164 (50)	164 (50)	230 (70)
Max. Length Each Ft (m)	82 (25)	82 (25)	82 (25)
Min. Length Total Ft (m)	49 (15)	49 (15)	66 (20)
Min. Length Each Ft (m)	16 (5)	16 (5)	16 (5)
Max. Pipe Height Difference Between Outdoor Unit & Farthest Indoor Ft (m)	49 (15)	49 (15)	49 (15)
Max. Pipe Height Difference Between Indoor Units Ft (m)	33 (10)	33 (10)	33 (10)
Connection Method	Flare	Flare	Flare
Conn. Pipe Diameter Inch	Liq. 1/4 x 2 Suc. 3/8 x 2	Liq. 1/4 x 3 Suc. 1/2 x 1, 3/8 x 2	Liq. 1/4 x 4 Suc. 1/2 x 1, 3/8 x 3
Net Weight lbs. (kg)	119 (54)	124 (56)	149 (68)
Dimensions: Height Inch	27-9/16	27-9/16	32-11/16
mm	700	700	830
Width Inch	35-7/16	35-7/16	35-7/16
mm	900	900	900
Depth Inch	13	13	13
mm	330	330	330
Refrigerant	R410A	R410A	R410A

¹See table for allowed combinations within this connectable capacity range.

Model	Indoor Unit		Cooling Capacity Btu/h	EER	SEER	Heating Rated Capacity Btu/h		Heating Maximum Capacity Btu/h		COP	HSPF
	Type	Combination				47 F	17 F	17 F	5 F		
AOU18RLXFZ	Non-Ducted	9+9	18,000	12.5	18.0	22,000	13,900	16,300	13,900	3.44	9.3
	Ducted	9+9	18,000	12.1	16.0	22,000	13,900	16,300	13,900	3.52	9.0
	Mixed	9+9	18,000	12.3	17.0	22,000	13,900	16,300	13,900	3.48	9.2
	Specific	ASU7+ASU12 and ASU9+ASU12	18,000	12.5	18.0	22,000	13,900	16,300	13,900	3.67	9.0
AOU24RLXFZ	Non-Ducted	9+7+7	22,000	12.5	18.0	24,000	14,100	19,800	16,300	4.04	9.5
	Ducted	9+7+7	22,000	10.6	15.5	24,000	14,100	19,800	16,300	3.42	9.0
	Mixed	9+7+7	22,000	11.6	16.8	24,000	14,100	19,800	16,300	3.74	9.3
AOU36RLXFZ1	Non-Ducted	9+9+9+9	35,200	10.0	18.0	24,000	22,000	32,500	25,400	3.56	9.4
	Ducted	9+9+9+9	35,200	9.0	16.0	24,000	22,000	32,500	25,400	3.32	8.7
	Mixed	9+9+9+9	35,200	9.5	17.0	24,000	22,000	32,500	25,400	3.44	9.1

Yellow rows represent models that are ENERGY STAR® qualified.