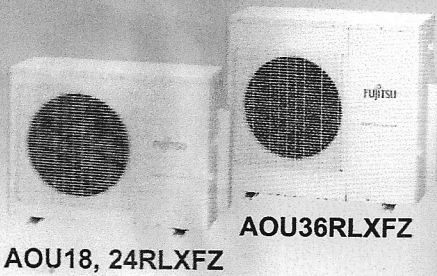


8. Unit Specs

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



AOU18RLXFZ, AOU24RLXFZ, AOU36RLXFZ

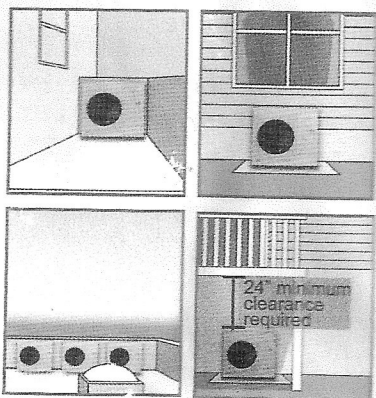


AOU18, 24RLXFZ

AOU36RLXFZ

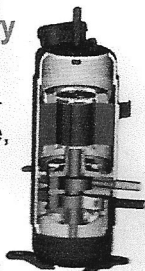
Compact Size

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.



	AOU 18RLXFZ Heat Pump ASU9+ASU9	AOU 24RLXFZ Heat Pump ASU9+ASU7+ASU7	AOU 36RLXFZ Heat Pump ASU9 x 4	AOU 36RLXFZ 3+18 Combo ¹ ASU18+ASU18
Connectable Indoor Unit Number	2	2 to 3	3 to 4	2 ¹
Connectable Unit Capacity Class BTU/h	14 to 21,000 ²	14 to 27,000 ²	27 to 39,000 ²	36,000 ¹
Rated Capacity Cooling/Heating BTU/h	18,000/22,000	22,000/24,000	35,200/36,400	31,600/35,800
Clg. Operating Range °F(°C)	14 to 115 (-10 to 46)	14 to 115 (-10 to 46)	32 to 115 (0 to 46)	50 to 115 (10 to 46)
Htg. Operating Range °F(°C)	5 to 75 (-15 to 24)	5 to 75 (-15 to 24)	14 to 75 (-10 to 24)	14 to 75 (-10 to 24)
Input Power: Clg/Htg Rated kW*	1.44/1.87	1.76/1.73	4.00/3.00	3.98/3.66
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Current: Total Max. (A)	10.0	13.7	20.1	20.1
Minimum Circuit Ampacity (A)	13	17	25	25
Recommended Fuse Size (A)	25	25	30	30
Outdoor Fan Airflow CFM (Clg/Htg)	1,795/1,619	1,942/1,942	2,119/2,237	2,119/2,237
Fan: Type x Quantity	Propeller x 1	Propeller x 1	Propeller x 1	Propeller x 1
Sound Pressure Level Cooling dB(A)	49	51	53	53
Sound Pressure Level Heating dB(A)	49	52	55	55
Pre-Charge Length Total Ft (m)	98 (30)	98 (30)	164 (50)	66 (20)
Max. Length Total Ft (m)	164 (50)	164 (50)	230 (70)	131 (40)
Max. Length Each Ft (m)	82 (25)	82 (25)	82 (25)	82 (25)
Min. Length Total Ft (m)	49 (15)	49 (15)	66 (20)	49 (15)
Min. Length Each Ft (m)	16 (5)	16 (5)	16 (5)	25 (7.5)
Max. Pipe Height Difference Between Outdoor Unit & Farthest Indoor Ft (m)	49 (15)	49 (15)	49 (15)	49 (15)
Max. Pipe Height Difference Between Indoor Units Ft (m)	33 (10)	33 (10)	33 (10)	33 (10)
Connection Method	Flare	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	Liq. 3/8 x 2 Suc. 1/2 x 2 ¹
Net Weight lbs. (kg)	119 (54)	124 (56)	149 (68)	149 (68)
Dimensions: Height Inch	27-9/16	27-9/16	32-11/16	32-11/16
mm	700	700	830	830
Width Inch	35-7/16	35-7/16	35-7/16	35-7/16
mm	900	900	900	900
Depth Inch	13	13	13	13
mm	330	330	330	330
Refrigerant	R410A	R410A	R410A	R410A

¹18+18 is the only 2 indoor unit (ASU, ARU or AOU) combination and requires K9FZ1818.
²See table on page 19 for allowed combinations within this connectable capacity range.

Nominal Capacities, SEER and HSPF Ratings

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

Model	Indoor Unit		Cooling Capacity Btu/h	EER	SEER	Heating Capacity Btu/h		COP	HSPF
	Type	Combination				95°F	47°F		
AOU18RLXFZ	Non-Ducted	ASU9+ASU9	18,000	12.50	18.0	22,000	13,900	3.44	9.3
	Ducted	-	18,000	12.10	16.0	22,000	13,900	3.52	9.0
	Mixed	-	18,000	12.30	17.0	22,000	13,900	3.48	9.2
AOU24RLXFZ	Specific	ASU7+ASU12 and ASU9+ASU12	18,000	12.50	18.0	22,000	13,900	3.67	9.0
	Non-Ducted	ASU9+ASU7+ASU7	22,000	12.50	18.0	24,000	14,100	4.04	9.5
	Ducted	-	22,000	10.60	15.5	24,000	14,100	3.42	9.0
	Mixed	-	22,000	11.55	16.8	24,000	14,100	3.74	9.3
AOU36RLXFZ	Non-Ducted	-	35,200	8.80	16.0	36,400	22,000	3.56	9.4
	Ducted	-	33,800	8.10	14.5	36,400	21,200	3.08	8.7
	Mixed	-	34,400	8.45	15.3	36,400	21,600	3.32	9.1

Yellow rows represent models that are ENERGY STAR® Qualified. Only these specific combinations qualify for the Federal Tax Credit of \$300 in 2011.

