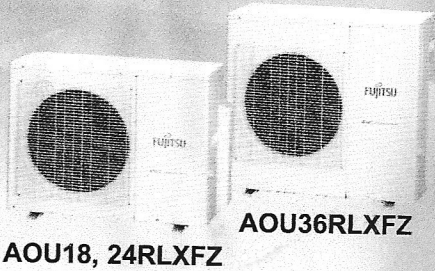


Heat pump cover sheet

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



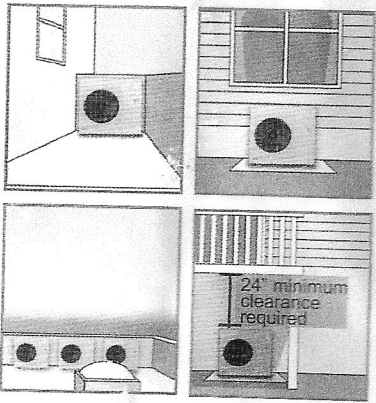
AOU18RLXFZ, AOU24RLXFZ, AOU36RLXFZ



| | AOU 18RLXFZ Heat Pump ASU9+ASU9 | AOU 24RLXFZ Heat Pump ASU9+ASU7+ASU7 | AOU 36RLXFZ Heat Pump ASU9 x 3 | AOU 36RLXFZ 18+18 Combo ASU18+ASU18 |
|---|---------------------------------------|--|--|---|
| Connectable Indoor Unit Number | 2 | 2 to 3 | 3 to 4 | 2 |
| Connectable Unit Capacity Class BTU/h | 14 to 21,000 ² | 14 to 27,000 ² | 27 to 39,000 ² | 36,000 |
| 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 | 1.78/1.73 | 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) | 1,785/1,619 | 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 |
| Net Weight lbs. (kg) | 119 (54) | 124 (56) | 149 (68) | 149 (68) |
| Dimensions: Height Inch mm | 27-9/16 700 | 27-9/16 700 | 32-11/16 830 | 32-11/16 830 |
| Width Inch mm | 35-7/16 900 | 35-7/16 900 | 35-7/16 900 | 35-7/16 900 |
| Depth Inch mm | 13 330 | 13 330 | 13 330 | 13 330 |
| Refrigerant | R410A | R410A | R410A | R410A |

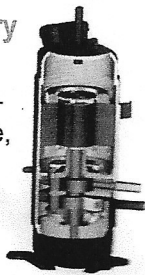
Compact Size

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.



¹18+18 is the only 2 indoor unit (ASU, APU or AAU) 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 | | | | 47°F | 17°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 |
| AOU36RLXFZ | Mixed | - | 22,000 | 11.55 | 16.8 | 24,000 | 14,100 | 3.74 | 9.3 |
| | 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.

