

# 2, 3 and 4 way multi



Multi type systems are one of today's most advanced forms of air conditioning, creating the ultimate "controllable environment" in the modern workplace. Multiple indoor units can potentially be connected to one outdoor unit reducing the number of outdoor units required. This extensive range allows for flexibility of application and design.

- Nominal cooling: 4.00kW to 8.00kW (5 models)
- High SEER / SCOP Ratings
- Flexible and space saving installation
- Wide range of indoor units, including the LM and LU range
- Economy mode

## Specifications

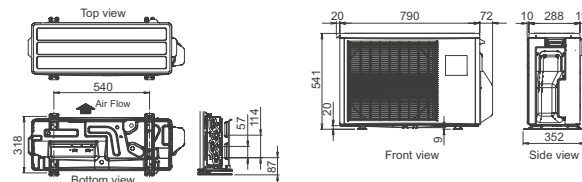
|                                   | Multi Outdoors (2, 3 and 4-Way) |                  |                  |                                   |                                   |                                   |
|-----------------------------------|---------------------------------|------------------|------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|                                   | Outdoor                         | AOYG14LAC2       | AOYG18LAC2       | AOYG18LAT3                        | AOYG24LAT3                        | AOYG30LAT4                        |
| Nominal Capacity (kW)             | Cooling                         | 4.00 (1.40-4.40) | 5.00 (1.70-5.60) | 5.40 (1.80-6.80)                  | 6.80 (1.80-8.50)                  | 8.00 (3.50-10.10)                 |
|                                   | Heating                         | 4.40 (1.10-5.40) | 5.60 (1.80-6.10) | 6.80 (2.00-8.00)                  | 8.00 (2.00-8.80)                  | 9.60 (3.70-12.00)                 |
| Power Consumption (kW)            | Cooling                         | 1.09             | 1.56             | 1.35                              | 1.94                              | 2.22                              |
|                                   | Heating                         | 1.03             | 1.41             | 1.62                              | 2.00                              | 2.40                              |
| EER / COP (Nominal Conditions)    |                                 | 3.67 / 4.27      | 3.21 / 3.97      | 4.00 / 4.20                       | 3.51 / 4.00                       | 3.60 / 4.00                       |
| Pdesign (kW) @ -10°C              | Cooling                         | 4.00             | 5.00             | 5.40                              | 6.80                              | 8.00                              |
|                                   | Heating                         | 3.80             | 4.20             | 5.00                              | 5.20                              | 6.20                              |
| SEER                              | Cooling                         | 6.70             | 6.60             | 6.90                              | 6.40                              | 6.20                              |
| SCOP                              | Heating (Average)               | 4.10             | 4.10             | 4.30                              | 4.20                              | 4.00                              |
| Energy Efficiency Class           | Cooling                         | A++              | A++              | A++                               | A++                               | A++                               |
|                                   | Heating (Average)               | A+               | A+               | A+                                | A+                                | A+                                |
| Annual Energy Consumption (kWh/a) | Cooling                         | 209              | 265              | 274                               | 372                               | 451                               |
|                                   | Heating                         | 1296             | 1434             | 1627                              | 1730                              | 2169                              |
| Dimensions (HxWxD) mm             | Outer                           | 540x790x290      | 540x790x290      | 700x900x330                       | 700x900x330                       | 830x900x330                       |
| Net Weight (kg)                   | Outer                           | 37               | 38               | 55                                | 55                                | 68                                |
| Room Air Circulation (high) m3/h  | Inner                           | 1850             | 2050             | 3050                              | 3300                              | 3500                              |
|                                   | Outer                           | 1850             | 2050             | 2750                              | 3300                              | 3300                              |
| Power Supply                      | V-PH-Hz                         | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50                      | 230 / 1 / 50                      | 230 / 1 / 50                      |
| Power Supply To                   |                                 | Outdoor          | Outdoor          | Outdoor                           | Outdoor                           | Outdoor                           |
| Running Current (A)               | Cooling                         | 5.12             | 6.90             | 5.90                              | 8.50                              | 9.70                              |
|                                   | Heating                         | 4.91             | 6.30             | 7.10                              | 8.80                              | 10.50                             |
| Starting Current                  | A                               | 4.90             | 6.30             | 7.10                              | 8.80                              | 10.50                             |
| Suggested MCB/Fuse                | A                               | 16               | 16               | 16                                | 16                                | 20                                |
| Interconnecting Cable             |                                 | 3 + E            | 3 + E            | 3 + E                             | 3 + E                             | 3 + E                             |
| Sound Pressure (dB(A) Cooling)    | Cooling                         | 47               | 50               | 46                                | 48                                | 50                                |
|                                   | Heating                         | 49               | 51               | 47                                | 49                                | 51                                |
| Sound Power (dB(A) Cooling)       | Cooling                         | 61               | 63               | 65                                | 68                                | 68                                |
|                                   | Heating                         | 63               | 64               | 67                                | 70                                | 70                                |
| Max Pipe Length                   | m                               | 30               | 30               | 50                                | 50                                | 70                                |
| Max Height Difference             | m                               | 15               | 15               | 15                                | 15                                | 15                                |
| Refrigerant Charge                | m                               | 20               | 20               | 30                                | 30                                | 50                                |
| Additional Refrigerant Charge     | g/m                             | 10               | 20               | 20                                | 20                                | 25                                |
| Pipe Size (inches)                | Gas                             | 3/8 (9.52mm) x2  | 3/8 (9.52mm) x2  | 3/8 (9.52mm) x2 / 1/2 (12.7mm) x1 | 3/8 (9.52mm) x2 / 1/2 (12.7mm) x1 | 3/8 (9.52mm) x2 / 1/2 (12.7mm) x2 |
|                                   | Liquid                          | 1/4 (6.35mm) x2  | 1/4 (6.35mm) x2  | 1/4 (6.35mm) x3                   | 1/4 (6.35mm) x3                   | 1/4 (6.35mm) x4                   |
| Operating Range °CDB              | Cooling                         | 10 ~ 46          | 10 ~ 46          | -10 ~ 46                          | -10 ~ 46                          | 0 ~ 46                            |
|                                   | Heating                         | -15 ~ 24         | -15 ~ 24         | -15 ~ 24                          | -15 ~ 24                          | -10 ~ 24                          |
| Refrigerant                       |                                 | R410A            | R410A            | R410A                             | R410A                             | R410A                             |

\* Adapters provided where necessary for different indoor unit sizes

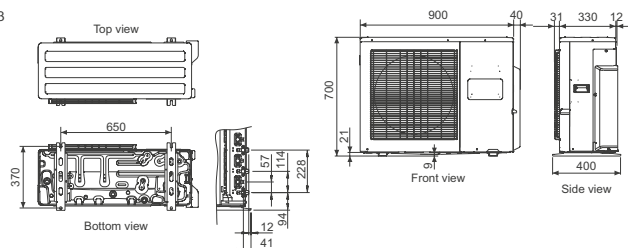
### Dimensions

(Unit : mm)

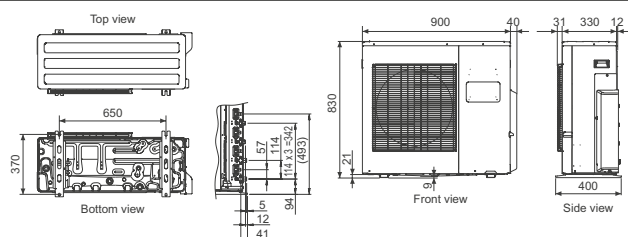
Models : AOYG14LAC2 / AOYG18LAC2



Models : AOYG18LAT3 / AOYG24LAT3



Models : AOYG30LAT4



The company reserves the right to make any variation in specification to the equipment described or to withdraw or replace products without prior notification or public announcement. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form any part of any contract. All equipment and services are supplied subject to FG Eurofred's Terms and Conditions of Sale.

All prices shown exclude VAT.



Fujitsu air conditioning products are available from FG Eurofred and local distributors.

**FUJITSU**  
AIR CONDITIONERS