

# MULTI SPLIT Combination Table for 2 & 3 Rooms–Cooling/Heating

## 3 Rooms Multi cooling/heating

| AOYG24LAT3 | Combination of Indoor Unit |    |     | COOLING OPERATION |        |        |                          |                       |      |               |      |                         |
|------------|----------------------------|----|-----|-------------------|--------|--------|--------------------------|-----------------------|------|---------------|------|-------------------------|
|            |                            |    |     | Cooling Capacity  |        |        |                          | Input Power (min-max) | EER  | Seasonal Data |      |                         |
|            |                            |    |     | Room 1            | Room 2 | Room 3 | Total Capacity (min-max) |                       |      | Pdesign       | SEER | Energy efficiency class |
|            |                            |    |     | kW                | kW     | kW     | kW                       | kW                    | kW   |               |      |                         |
| 2 Room     | 7                          | 7  | -   | 2.30              | 2.30   | -      | 4.60 (1.8-5.0)           | 1.20 (0.50-1.40)      | 3.83 | 4.6           | 6.3  | A++                     |
|            | 7                          | 9  | -   | 2.30              | 2.70   | -      | 5.00 (1.8-5.7)           | 1.36 (0.50-1.78)      | 3.68 | 5.0           | 6.2  | A++                     |
|            | 7                          | 12 | -   | 2.38              | 3.42   | -      | 5.80 (1.8-6.1)           | 1.70 (0.50-1.97)      | 3.41 | 5.8           | 6.1  | A++                     |
|            | 7                          | 14 | -   | 2.37              | 4.13   | -      | 6.50 (1.8-7.2)           | 1.91 (0.50-2.46)      | 3.40 | 6.5           | 6.0  | A+                      |
|            | 7                          | 18 | -   | 2.08              | 4.52   | -      | 6.60 (1.8-7.8)           | 1.91 (0.50-2.87)      | 3.46 | 6.6           | 5.9  | A+                      |
|            | 9                          | 9  | -   | 2.75              | 2.75   | -      | 5.50 (1.8-6.2)           | 1.55 (0.50-2.02)      | 3.55 | 5.5           | 6.1  | A++                     |
|            | 9                          | 12 | -   | 2.79              | 3.41   | -      | 6.20 (1.8-6.8)           | 1.90 (0.50-2.45)      | 3.26 | 6.2           | 5.9  | A+                      |
|            | 9                          | 14 | -   | 2.66              | 3.94   | -      | 6.60 (1.8-7.7)           | 1.91 (0.50-2.77)      | 3.46 | 6.6           | 6.0  | A+                      |
|            | 9                          | 18 | -   | 2.35              | 4.35   | -      | 6.70 (1.8-7.9)           | 1.91 (0.50-2.87)      | 3.51 | 6.7           | 5.9  | A+                      |
|            | 12                         | 12 | -   | 3.15              | 3.15   | -      | 6.30 (1.8-7.2)           | 1.90 (0.50-2.74)      | 3.32 | 6.3           | 5.9  | A+                      |
|            | 12                         | 14 | -   | 3.03              | 3.67   | -      | 6.70 (1.8-7.8)           | 1.91 (0.50-2.87)      | 3.51 | 6.7           | 5.9  | A+                      |
|            | 12                         | 18 | -   | 2.66              | 4.04   | -      | 6.70 (1.8-7.9)           | 1.92 (0.50-2.87)      | 3.49 | 6.7           | 5.8  | A+                      |
| 3 Room     | 7                          | 7  | 7   | 2.23              | 2.23   | 2.23   | 6.70 (1.8-7.4)           | 1.89 (0.50-2.37)      | 3.54 | 6.7           | 6.4  | A++                     |
|            | 7                          | 7  | 9   | 2.14              | 2.14   | 2.52   | 6.80 (1.8-7.8)           | 1.94 (0.60-2.87)      | 3.51 | 6.8           | 6.4  | A++                     |
|            | 7                          | 7  | 12  | 1.98              | 1.98   | 2.84   | 6.80 (1.8-8.1)           | 1.93 (0.50-2.87)      | 3.52 | 6.8           | 6.3  | A++                     |
|            | 7                          | 7  | 14  | 1.82              | 1.82   | 3.16   | 6.80 (2.0-8.4)           | 1.94 (0.60-2.87)      | 3.51 | 6.8           | 6.2  | A++                     |
|            | 7                          | 7  | 18  | 1.63              | 1.63   | 3.54   | 6.80 (2.0-8.5)           | 1.94 (0.60-2.87)      | 3.51 | 6.8           | 6.1  | A++                     |
|            | 7                          | 9  | 9   | 2.03              | 2.38   | 2.38   | 6.80 (1.8-8.2)           | 1.93 (0.50-2.87)      | 3.52 | 6.8           | 6.4  | A++                     |
|            | 7                          | 9  | 12  | 1.88              | 2.21   | 2.70   | 6.80 (1.8-8.2)           | 1.93 (0.50-2.87)      | 3.52 | 6.8           | 6.2  | A++                     |
|            | 7                          | 9  | 14  | 1.74              | 2.04   | 3.02   | 6.80 (2.0-8.4)           | 1.94 (0.60-2.87)      | 3.51 | 6.8           | 6.2  | A++                     |
|            | 7                          | 9  | 18  | 1.56              | 1.84   | 3.40   | 6.80 (2.0-8.5)           | 1.94 (0.60-2.87)      | 3.51 | 6.8           | 6.1  | A++                     |
|            | 7                          | 12 | 12  | 1.76              | 2.52   | 2.52   | 6.80 (1.8-8.2)           | 1.94 (0.50-2.87)      | 3.51 | 6.8           | 6.2  | A++                     |
|            | 7                          | 12 | 14  | 1.63              | 2.34   | 2.83   | 6.80 (2.0-8.5)           | 1.94 (0.60-2.87)      | 3.51 | 6.8           | 6.2  | A++                     |
|            | 9                          | 9  | 9   | 2.27              | 2.27   | 2.27   | 6.80 (1.8-8.2)           | 1.94 (0.50-2.87)      | 3.51 | 6.8           | 6.4  | A++                     |
|            | 9                          | 9  | 12  | 2.11              | 2.11   | 2.58   | 6.80 (1.8-8.3)           | 1.94 (0.50-2.87)      | 3.51 | 6.8           | 6.2  | A++                     |
|            | 9                          | 9  | 14  | 1.95              | 1.95   | 2.89   | 6.80 (2.0-8.5)           | 1.94 (0.60-2.87)      | 3.51 | 6.8           | 6.2  | A++                     |
|            | 9                          | 9  | 18* | 1.77              | 1.77   | 3.27   | 6.80 (2.0-8.5)           | 1.94 (0.60-2.87)      | 3.51 | 6.8           | 6.1  | A++                     |
|            | 9                          | 12 | 12  | 1.97              | 2.41   | 2.41   | 6.80 (1.8-8.3)           | 1.94 (0.50-2.87)      | 3.51 | 6.8           | 6.2  | A++                     |
|            | 9                          | 12 | 14  | 1.84              | 2.24   | 2.72   | 6.80 (2.0-8.5)           | 1.94 (0.60-2.87)      | 3.51 | 6.8           | 6.2  | A++                     |
|            | 12                         | 12 | 12  | 2.27              | 2.27   | 2.27   | 6.80 (1.8-8.3)           | 1.94 (0.50-2.87)      | 3.51 | 6.8           | 6.1  | A++                     |

- Note: •7:7000Btu/h / 9:9000Btu/h / 12:12000Btu/h / 14:14000Btu/h / 18:18000Btu/h models  
 •The above is the value for connecting with Wall Mounted type.  
 •2 or more indoor units should be connected.  
 •Cooling capacity is based on 27°CDB/19°CWB (indoor temperature), 35°CDB (outdoor temperature).  
 •Pipe Length: 5 m, Height difference: 0 m (Outdoor unit to Indoor unit)  
 •The total ability of connectable indoor units is up to 36000Btu from 14000Btu.  
 \*1: When ASYG18L is connected, connect at least 1 wall mounted type of 9000Btu.

| AOYG24LAT3 | Combination of Indoor Unit |    |     | HEATING OPERATION |        |        |                          |                       |      |               |      |                         |
|------------|----------------------------|----|-----|-------------------|--------|--------|--------------------------|-----------------------|------|---------------|------|-------------------------|
|            |                            |    |     | Heating Capacity  |        |        |                          | Input Power (min-max) | EER  | Seasonal Data |      |                         |
|            |                            |    |     | Room 1            | Room 2 | Room 3 | Total Capacity (min-max) |                       |      | Pdesign       | SEER | Energy efficiency class |
|            |                            |    |     | kW                | kW     | kW     | kW                       | kW                    |      |               |      |                         |
| 2 Room     | 7                          | 7  | -   | 2.75              | 2.75   | -      | 5.50 (2.0-6.1)           | 1.55 (0.52-1.93)      | 3.55 | 4.0           | 4.1  | A+                      |
|            | 7                          | 9  | -   | 2.80              | 3.30   | -      | 6.10 (2.0-7.0)           | 1.82 (0.52-2.52)      | 3.35 | 4.0           | 4.1  | A+                      |
|            | 7                          | 12 | -   | 2.88              | 4.12   | -      | 7.00 (2.0-7.3)           | 2.31 (0.52-2.66)      | 3.03 | 4.0           | 4.1  | A+                      |
|            | 7                          | 14 | -   | 2.80              | 4.80   | -      | 7.60 (2.0-8.3)           | 2.28 (0.50-2.87)      | 3.33 | 4.0           | 4.1  | A+                      |
|            | 7                          | 18 | -   | 2.51              | 5.39   | -      | 7.90 (2.0-8.3)           | 2.34 (0.50-2.87)      | 3.38 | 4.0           | 4.1  | A+                      |
|            | 9                          | 9  | -   | 3.30              | 3.30   | -      | 6.60 (2.0-7.4)           | 2.04 (0.52-2.68)      | 3.24 | 4.0           | 4.1  | A+                      |
|            | 9                          | 12 | -   | 3.30              | 4.00   | -      | 7.30 (2.0-7.7)           | 2.43 (0.52-2.87)      | 3.00 | 4.0           | 4.1  | A+                      |
|            | 9                          | 14 | -   | 3.22              | 4.68   | -      | 7.90 (2.0-8.3)           | 2.38 (0.50-2.87)      | 3.32 | 4.0           | 4.1  | A+                      |
|            | 9                          | 18 | -   | 2.84              | 5.16   | -      | 8.00 (2.0-8.5)           | 2.32 (0.50-2.87)      | 3.45 | 4.0           | 4.1  | A+                      |
|            | 12                         | 12 | -   | 3.80              | 3.80   | -      | 7.60 (2.0-7.8)           | 2.54 (0.52-2.87)      | 2.99 | 4.0           | 4.1  | A+                      |
|            | 12                         | 14 | -   | 3.59              | 4.31   | -      | 7.90 (2.0-8.4)           | 2.37 (0.50-2.87)      | 3.33 | 4.0           | 4.1  | A+                      |
|            | 12                         | 18 | -   | 3.20              | 4.80   | -      | 8.00 (2.0-8.6)           | 2.31 (0.50-2.87)      | 3.46 | 4.0           | 4.1  | A+                      |
| 3 Room     | 7                          | 7  | 7   | 2.60              | 2.60   | 2.60   | 7.80 (2.0-8.6)           | 1.94 (0.50-2.68)      | 4.02 | 5.0           | 4.2  | A+                      |
|            | 7                          | 7  | 9   | 2.52              | 2.52   | 2.96   | 8.00 (2.0-8.8)           | 2.00 (0.50-2.87)      | 4.00 | 5.2           | 4.2  | A+                      |
|            | 7                          | 7  | 12  | 2.34              | 2.34   | 3.32   | 8.00 (2.0-8.9)           | 1.99 (0.50-2.80)      | 4.02 | 5.2           | 4.2  | A+                      |
|            | 7                          | 7  | 14  | 2.16              | 2.16   | 3.68   | 8.00 (2.0-9.2)           | 1.91 (0.50-2.72)      | 4.19 | 5.2           | 4.2  | A+                      |
|            | 7                          | 7  | 18  | 1.94              | 1.94   | 4.12   | 8.00 (2.0-9.2)           | 1.89 (0.50-2.70)      | 4.23 | 5.2           | 4.2  | A+                      |
|            | 7                          | 9  | 9   | 2.38              | 2.81   | 2.81   | 8.00 (2.0-9.0)           | 1.99 (0.50-2.87)      | 4.02 | 5.2           | 4.2  | A+                      |
|            | 7                          | 9  | 12  | 2.23              | 2.62   | 3.15   | 8.00 (2.0-9.1)           | 1.98 (0.50-2.87)      | 4.04 | 5.2           | 4.2  | A+                      |
|            | 7                          | 9  | 14  | 2.06              | 2.42   | 3.52   | 8.00 (2.0-9.2)           | 1.91 (0.50-2.72)      | 4.19 | 5.2           | 4.2  | A+                      |
|            | 7                          | 9  | 18  | 1.85              | 2.18   | 3.97   | 8.00 (2.0-9.2)           | 1.89 (0.50-2.69)      | 4.23 | 5.2           | 4.2  | A+                      |
|            | 7                          | 12 | 12  | 2.08              | 2.96   | 2.96   | 8.00 (2.0-9.1)           | 1.97 (0.50-2.87)      | 4.06 | 5.2           | 4.2  | A+                      |
|            | 7                          | 12 | 14  | 1.93              | 2.76   | 3.31   | 8.00 (2.0-9.2)           | 1.90 (0.50-2.70)      | 4.21 | 5.2           | 4.2  | A+                      |
|            | 9                          | 9  | 9   | 2.67              | 2.67   | 2.67   | 8.00 (2.0-9.1)           | 1.98 (0.50-2.87)      | 4.04 | 5.2           | 4.2  | A+                      |
|            | 9                          | 9  | 12  | 2.49              | 2.49   | 3.02   | 8.00 (2.0-9.2)           | 1.97 (0.50-2.87)      | 4.06 | 5.2           | 4.2  | A+                      |
|            | 9                          | 9  | 14  | 2.32              | 2.32   | 3.37   | 8.00 (2.0-9.2)           | 1.89 (0.50-2.70)      | 4.23 | 5.2           | 4.2  | A+                      |
|            | 9                          | 9  | 18* | 2.10              | 2.10   | 3.81   | 8.00 (2.0-9.2)           | 1.87 (0.50-2.68)      | 4.28 | 5.2           | 4.2  | A+                      |
|            | 9                          | 12 | 12  | 2.34              | 2.83   | 2.83   | 8.00 (2.0-9.2)           | 1.96 (0.50-2.80)      | 4.08 | 5.2           | 4.2  | A+                      |
|            | 9                          | 12 | 14  | 2.18              | 2.64   | 3.17   | 8.00 (2.0-9.2)           | 1.89 (0.50-2.69)      | 4.23 | 5.2           | 4.2  | A+                      |
|            | 12                         | 12 | 12  | 2.67              | 2.67   | 2.67   | 8.00 (2.0-9.2)           | 1.95 (0.50-2.78)      | 4.10 | 5.2           | 4.2  | A+                      |

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