

Slim Duct



| Model name                            | Indoor unit                     |              | ARXG09KLLAP     | ARXG12KLLAP     | ARXG14KLLAP     | ARXG18KLLAP     |
|---------------------------------------|---------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|
|                                       | Outdoor unit                    |              | AOYG09KATA      | AOYG12KATA      | AOYG14KATA      | AOYG18KATA      |
| Power Source                          | Single phase, ~230 V, 50 Hz     |              |                 |                 |                 |                 |
| Capacity                              | Cooling                         | kW           | 2.5 (0.9-2.7)   | 3.5 (0.9-3.7)   | 4.3 (0.9-4.5)   | 5.2 (0.9-5.4)   |
|                                       | Heating                         |              | 3.2 (0.9-3.9)   | 4.1 (0.9-4.4)   | 5.0 (0.9-5.3)   | 6.0 (0.9-6.3)   |
| Input Power                           | Cooling/Heating                 | kW           | 0.69/0.88       | 1.09/1.17       | 1.37/1.42       | 1.66/1.71       |
| EER                                   | Cooling                         | W/W          | 3.62            | 3.21            | 3.14            | 3.13            |
| COP                                   | Heating                         |              | 3.64            | 3.50            | 3.52            | 3.51            |
| Pdesign                               | Cooling/Heating (-10°C)         | kW           | 2.5/2.3         | 3.5/2.8         | 4.3/3.2         | 5.2/3.8         |
| SEER                                  | Cooling                         | W/W          | 5.9             | 5.8             | 5.6             | 5.8             |
| SCOP                                  | Heating                         |              | 3.8             | 3.8             | 3.8             | 3.8             |
| Energy Efficiency Class               | Cooling                         | A+           |                 | A+              | A+              | A+              |
|                                       | Heating                         | A            |                 | A               | A               | A               |
| Max. Operating Current                | Cooling/Heating                 | A            | 6.9/6.9         | 7.7/7.7         | 9.2/9.2         | 10.1/10.1       |
| Annual Energy Consumption             | Cooling                         | kWh/a        | 148             | 211             | 269             | 313             |
|                                       | Heating                         |              | 847             | 1,031           | 1,177           | 1,398           |
| Moisture Removal                      |                                 | l/h          | 0.7             | 1.3             | 1.5             | 2.0             |
| Sound Pressure Level                  | Indoor (Cooling)                | H/M/L/Q      | 28/27/26/25     | 29/28/26/25     | 32/30/28/26     | 32/30/29/27     |
|                                       | Indoor (Heating)                | H/M/L/Q      | 28/26/25/24     | 29/28/26/24     | 32/30/28/25     | 32/30/29/27     |
| Sound Power Level                     | Outdoor (Cooling/Heating)       | High         | 47/48           | 49/50           | 50/51           | 51/52           |
|                                       | Indoor (Cooling/Heating)        | High         | 57/57           | 58/58           | 60/60           | 58/58           |
| Airflow Rate                          | Indoor/Outdoor (Cooling)        | High         | 600/1,610       | 650/1,630       | 800/1,670       | 940/1,710       |
|                                       | Indoor/Outdoor (Heating)        | High         | 600/1,550       | 650/1,410       | 800/1,580       | 940/1,840       |
| Static pressure range (Standard)      |                                 | Pa           | 0 to 90 (25)    | 0 to 90 (25)    | 0 to 90 (25)    | 0 to 90 (25)    |
| Net Dimensions H x W x D              | Indoor                          | mm           | 198 × 700 × 620 | 198 × 700 × 620 | 198 × 700 × 620 | 198 × 900 × 620 |
|                                       | Outdoor                         | mm           | 541 × 663 × 290 | 541 × 663 × 290 | 542 × 799 × 290 | 542 × 799 × 290 |
| Weight                                | Indoor                          | kg (lbs)     | 17 (37)         | 17 (37)         | 17 (37)         | 20 (44)         |
|                                       | Outdoor                         | kg (lbs)     | 23 (51)         | 25 (55)         | 32 (71)         | 33 (73)         |
| Connection Pipe Diameter (Liquid/Gas) |                                 | mm           | 6.35/9.52       | 6.35/9.52       | 6.35/9.52       | 6.35/12.70      |
| Drain port Diameter (I.D./O.D.)       |                                 | mm           | 25/32           | 25/32           | 25/32           | 25/32           |
| Max. Pipe Length (Pre-Charge)         |                                 | m            | 15 (15)         | 15 (15)         | 20 (15)         | 20 (15)         |
| Max. Height Difference                |                                 |              | 15              | 15              | 15              | 15              |
| Operating Range                       | Cooling                         | °CDB         | -10 to 46       | -10 to 46       | -10 to 46       | -10 to 46       |
|                                       | Heating                         |              | -15 to 24       | -15 to 24       | -15 to 24       | -15 to 24       |
| Refrigerant                           | Type (Global Warming Potential) |              | R32 (675)       | R32 (675)       | R32 (675)       | R32 (675)       |
|                                       | Charge                          | kg (CO2eq-T) | 0.6 (0.405)     | 0.7 (0.473)     | 0.85 (0.574)    | 0.9 (0.608)     |

Medium Static Pressure Duct



| Model name                            | Indoor unit                     |              | ARXG22KMLB        | ARXG24KMLA        | ARXG30KMLA        | ARXG36KMLA        | ARXG45KMLA             | ARXG36KMLA        | ARXG45KMLA        |
|---------------------------------------|---------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------------|-------------------|-------------------|
|                                       | Outdoor unit                    |              | AOYG22KATA        | AOYG24KATA        | AOYG30KATA        | AOYG36KATA        | AOYG45KATA             | AOYG36KQTA        | AOYG45KQTA        |
| Power Source                          | Single phase, ~230 V, 50 Hz     |              |                   |                   |                   |                   | 3-phase, ~400 V, 50 Hz |                   |                   |
| Capacity                              | Cooling                         | kW           | 6.0 (0.9-6.3)     | 6.8 (0.9-7.4)     | 8.5 (2.8-9.6)     | 9.5 (2.8-10.6)    | 12.1 (4.0-12.6)        | 9.5 (2.8-10.6)    | 12.1 (4.0-12.6)   |
|                                       | Heating                         |              | 7.0 (0.9-7.4)     | 7.5 (0.9-8.6)     | 10.0 (2.7-10.8)   | 10.8 (2.7-12.5)   | 13.5 (4.2-15.0)        | 10.8 (2.7-12.5)   | 13.5 (4.2-15.0)   |
| Input Power                           | Cooling/Heating                 | kW           | 1.92/2.00         | 2.19/2.00         | 2.78/2.77         | 3.13/3.03         | 4.84/4.18              | 3.13/3.03         | 4.84/4.18         |
| EER                                   | Cooling                         | W/W          | 3.13              | 3.11              | 3.06              | 3.04              | 2.50                   | 3.04              | 2.50              |
| COP                                   | Heating                         |              | 3.50              | 3.75              | 3.61              | 3.56              | 3.23                   | 3.56              | 3.23              |
| Pdesign                               | Cooling/Heating (-10°C)         | kW           | 6.0/4.4           | 6.8/5.4           | 8.5/8.0           | 9.5/8.7           | -                      | 9.5/8.7           | -                 |
| SEER                                  | Cooling                         | W/W          | 5.8               | 5.9               | 5.8               | 5.6               | -                      | 5.6               | -                 |
| SCOP                                  | Heating                         |              | 3.8               | 3.9               | 3.9               | 3.9               | -                      | 3.9               | -                 |
| Energy Efficiency Class               | Cooling                         | A+           |                   | A+                | A+                | -                 | A+                     | -                 |                   |
|                                       | Heating                         | A            |                   | A                 | A                 | -                 | A                      | -                 |                   |
| Max. Operating Current                | Cooling/Heating                 | A            | 11.6/11.6         | 12.6/12.6         | 22.5/22.5         | 22.5/22.5         | 28.1/28.1              | 10.5/10.5         | 13.6/13.6         |
| Annual Energy Consumption             | Cooling                         | kWh/a        | 362               | 403               | 513               | 594               | -                      | 594               | -                 |
|                                       | Heating                         |              | 1,620             | 1,935             | 2,871             | 3,122             | -                      | 3,122             | -                 |
| Moisture Removal                      |                                 | l/h          | 2.1               | 2.5               | 2.5               | 3.0               | 4.0                    | 3.0               | 4.0               |
| Sound Pressure Level                  | Indoor (Cooling)                | H/M/L/Q      | 31/29/27/25       | 31/29/27/25       | 39/35/30/26       | 39/35/30/26       | 42/38/32/28            | 39/35/30/26       | 42/38/32/28       |
|                                       | Indoor (Heating)                | H/M/L/Q      | 31/29/27/25       | 31/29/27/25       | 42/35/30/26       | 42/35/30/26       | 42/38/32/28            | 42/35/30/26       | 42/38/32/28       |
| Sound Power Level                     | Outdoor (Cooling/Heating)       | High         | 52/53             | 54/55             | 53/55             | 55/55             | 58/59                  | 55/55             | 58/59             |
|                                       | Indoor (Cooling/Heating)        | High         | 60/62             | 60/62             | 65/69             | 65/70             | 68/70                  | 65/70             | 68/70             |
| Airflow Rate                          | Indoor/Outdoor (Cooling)        | High         | 1,100/2,240       | 1,100/2,885       | 1,900/3,750       | 1,900/3,750       | 2,100/4,450            | 1,900/3,750       | 2,100/4,450       |
|                                       | Indoor/Outdoor (Heating)        | High         | 1,100/2,240       | 1,100/2,350       | 2,100/3,750       | 2,100/3,750       | 2,100/4,450            | 2,100/3,750       | 2,100/4,450       |
| Static pressure range (Standard)      |                                 | Pa           | 30 - 150 (35)     | 30 - 150 (35)     | 30 - 150 (47)     | 30 - 150 (47)     | 30 - 150 (60)          | 30 - 150 (47)     | 30 - 150 (60)     |
| Net Dimensions H x W x D              | Indoor                          | mm           | 270 × 1,135 × 700 | 270 × 1,135 × 700 | 270 × 1,135 × 700 | 270 × 1,135 × 700 | 270 × 1,135 × 700      | 270 × 1,135 × 700 | 270 × 1,135 × 700 |
|                                       | Outdoor                         | mm           | 632 × 799 × 290   | 632 × 799 × 290   | 788 × 940 × 320   | 788 × 940 × 320   | 998 × 940 × 320        | 788 × 940 × 320   | 998 × 940 × 320   |
| Weight                                | Indoor                          | kg (lbs)     | 35 (77)           | 35 (77)           | 38 (84)           | 38 (84)           | 39 (86)                | 38 (84)           | 39 (86)           |
|                                       | Outdoor                         | kg (lbs)     | 36 (79)           | 38 (84)           | 52 (115)          | 52 (115)          | 61 (134)               | 53 (117)          | 62 (137)          |
| Connection Pipe Diameter (Liquid/Gas) |                                 | mm           | 6.35/12.70        | 6.35/12.70        | 9.52/15.88        | 9.52/15.88        | 9.52/15.88             | 9.52/15.88        | 9.52/15.88        |
| Drain port Diameter (I.D./O.D.)       |                                 | mm           | 25/32             | 25/32             | 25/32             | 25/32             | 25/32                  | 35.7/38.1         | 35.7/38.1         |
| Max. Pipe Length (Pre-Charge)         |                                 | m            | 25 (15)           | 25 (20)           | 30 (30)           | 30 (30)           | 30 (30)                | 30 (30)           | 30 (30)           |
| Max. Height Difference                |                                 |              | 20                | 20                | 30                | 30                | 30                     | 30                | 30                |
| Operating Range                       | Cooling                         | °CDB         | -10 to 46         | -10 to 46         | -10 to 46         | -10 to 46         | -10 to 46              | -10 to 46         | -10 to 46         |
|                                       | Heating                         |              | -15 to 24         | -15 to 24         | -15 to 24         | -15 to 24         | -15 to 24              | -15 to 24         | -15 to 24         |
| Refrigerant                           | Type (Global Warming Potential) |              | R32 (675)         | R32 (675)         | R32 (675)         | R32 (675)         | R32 (675)              | R32 (675)         | R32 (675)         |
|                                       | Charge                          | kg (CO2eq-T) | 1.1 (0.743)       | 1.25 (0.844)      | 1.90 (1.283)      | 1.90 (1.283)      | 2.4 (1.620)            | 1.9 (1.283)       | 2.4 (1.620)       |

Ceiling



| Model name                            | Indoor unit                     |              | ABYG18KRTA        | ABYG22KRTA        | ABYG24KRTA        | ABYG30KRTA        | ABYG36KRTA             | ABYG45KRTA        | ABYG36KRTA        | ABYG45KRTA        |
|---------------------------------------|---------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------------|-------------------|-------------------|-------------------|
|                                       | Outdoor unit                    |              | AOYG18KATA        | AOYG22KATA        | AOYG24KATA        | AOYG30KATA        | AOYG36KATA             | AOYG45KATA        | AOYG36KQTA        | AOYG45KQTA        |
| Power Source                          | Single phase, ~230 V, 50 Hz     |              |                   |                   |                   |                   | 3-phase, ~400 V, 50 Hz |                   |                   |                   |
| Capacity                              | Cooling                         | kW           | 5.2 (0.9-5.4)     | 6.0 (0.9-6.3)     | 6.8 (0.9-7.4)     | 8.5 (2.8-9.6)     | 9.5 (2.8-10.6)         | 12.1 (4.0-12.6)   | 9.5 (2.8-10.6)    | 12.1 (4.0-12.6)   |
|                                       | Heating                         |              | 6.0 (0.9-6.3)     | 7.0 (0.9-7.4)     | 7.5 (0.9-8.6)     | 10.0 (2.7-10.8)   | 10.8 (2.7-12.5)        | 13.5 (4.2-15.0)   | 10.8 (2.7-12.5)   | 13.5 (4.2-15.0)   |
| Input Power                           | Cooling/Heating                 | kW           | 1.66/1.71         | 1.95/2.09         | 2.19/2.00         | 2.78/2.86         | 3.13/3.03              | 4.84/4.18         | 3.13/3.03         | 4.84/4.18         |
| EER                                   | Cooling                         | W/W          | 3.13              | 3.08              | 3.11              | 3.06              | 3.04                   | 2.50              | 3.04              | 2.50              |
| COP                                   | Heating                         |              | 3.51              | 3.35              | 3.75              | 3.5               | 3.56                   | 3.23              | 3.56              | 3.23              |
| Pdesign                               | Cooling/Heating (-10°C)         | kW           | 5.2/3.8           | 6.0/4.4           | 6.8/5.4           | 8.5/8.0           | 9.5/8.7                | -                 | 9.5/8.7           | -                 |
| SEER                                  | Cooling                         | W/W          | 5.8               | 5.6               | 6.0               | 5.8               | 5.6                    | -                 | 5.6               | -                 |
| SCOP                                  | Heating                         |              | 3.8               | 3.8               | 3.9               | 3.9               | 3.9                    | -                 | 3.9               | -                 |
| Energy Efficiency Class               | Cooling                         | A+           |                   | A+                | A+                | A+                | -                      | A+                | -                 |                   |
|                                       | Heating                         | A            |                   | A                 | A                 | A                 | -                      | A                 | -                 |                   |
| Max. Operating Current                | Cooling/Heating                 | A            | 10.1/10.1         | 11.6/11.6         | 12.6/12.6         | 22.5/22.5         | 22.5/22.5              | 28.1/28.1         | 10.5/10.5         | 13.6/13.6         |
| Annual Energy Consumption             | Cooling                         | kWh/a        | 538               | 375               | 679               | 512               | 594                    | -                 | 594               | -                 |
|                                       | Heating                         |              | 1,398             | 1,618             | 1,935             | 2,871             | 3,117                  | -                 | 3,117             | -                 |
| Moisture Removal                      |                                 | l/h          | 2.0               | 2.5               | 2.2               | 3.0               | 2.6                    | 4.5               | 2.6               | 4.5               |
| Sound Pressure Level                  | Indoor (Cooling)                | H/M/L/Q      | 38/36/33/31       | 42/37/34/31       | 41/36/32/29       | 45/40/35/32       | 44/40/37/32            | 45/41/39/34       | 44/40/37/32       | 45/41/39/34       |
|                                       | Indoor (Heating)                | H/M/L/Q      | 38/36/33/31       | 42/37/34/31       | 41/36/32/29       | 45/40/35/32       | 44/40/37/32            | 45/41/39/34       | 44/40/37/32       | 45/41/39/34       |
| Sound Power Level                     | Outdoor (Cooling/Heating)       | High         | 51/52             | 52/53             | 54/55             | 53/55             | 55/55                  | 58/59             | 55/55             | 58/59             |
|                                       | Indoor (Cooling/Heating)        | High         | 53/53             | 57/57             | 56/56             | 60/60             | 59/59                  | 60/60             | 59/59             | 60/60             |
| Airflow Rate                          | Indoor/Outdoor (Cooling)        | High         | 840/1,710         | 900/2,240         | 1,230/2,885       | 1,400/3,750       | 1,850/3,750            | 1,900/4,450       | 1,850/3,750       | 1,900/4,450       |
|                                       | Indoor/Outdoor (Heating)        | High         | 840/1,840         | 900/2,240         | 1,230/2,350       | 1,400/3,750       | 1,800/3,750            | 1,850/4,450       | 1,800/3,750       | 1,850/4,450       |
| Net Dimensions H x W x D              | Indoor                          | mm           | 235 × 1,080 × 705 | 235 × 1,080 × 705 | 235 × 1,390 × 705 | 235 × 1,390 × 705 | 235 × 1,700 × 705      | 235 × 1,700 × 705 | 235 × 1,700 × 705 | 235 × 1,700 × 705 |
|                                       | Outdoor                         | mm           | 542 × 799 × 290   | 632 × 799 × 290   | 632 × 799 × 290   | 788 × 940 × 320   | 788 × 940 × 320        | 988 × 940 × 320   | 788 × 940 × 320   | 988 × 940 × 320   |
| Weight                                | Indoor                          | kg (lbs)     | 24 (53)           | 24 (53)           | 31 (68)           | 31 (68)           | 38 (84)                | 38 (84)           | 38 (84)           | 38 (84)           |
|                                       | Outdoor                         | kg (lbs)     | 33 (73)           | 36 (79)           | 38 (84)           | 52 (115)          | 52 (115)               | 61 (134)          | 53 (117)          | 62 (137)          |
| Connection Pipe Diameter (Liquid/Gas) |                                 | mm           | 6.35/12.7         | 6.35/12.7         | 6.35/12.7         | 9.52/15.88        | 9.52/15.88             | 9.52/15.88        | 9.52/15.88        | 9.52/15.88        |
| Drain port Diameter (I.D./O.D.)       |                                 | mm           | 25/32             | 25/32             | 25/32             | 25/32             | 25/32                  | 25/32             | 25/32             | 25/32             |
| Max. Pipe Length (Pre-Charge)         |                                 | m            | 20 (15)           | 25 (15)           | 25 (20)           | 30 (30)           | 30 (30)                | 30 (30)           | 30 (30)           | 30 (30)           |
| Max. Height Difference                |                                 |              | 15                | 20                | 20                | 30                | 30                     | 30                | 30                | 30                |
| Operating Range                       | Cooling                         | °CDB         | -10 to 46         | -10 to 46         | -10 to 46         | -10 to 46         | -10 to 46              | -10 to 46         | -10 to 46         | -10 to 46         |
|                                       | Heating                         |              | -15 to 24         | -15 to 24         | -15 to 24         | -15 to 24         | -15 to 24              | -15 to 24         | -15 to 24         | -15 to 24         |
| Refrigerant                           | Type (Global Warming Potential) |              | R32 (675)         | R32 (675)         | R32 (675)         | R32 (675)         | R32 (675)              | R32 (675)         | R32 (675)         | R32 (675)         |
|                                       | Charge                          | kg (CO2eq-T) | 0.9 (0.608)       | 1.1 (0.743)       | 1.25 (0.844)      | 1.90 (1.283)      | 1.90 (1.283)           | 2.40 (1.620)      | 1.90 (1.283)      | 2.40 (1.620)      |