

## Compact cassette



| Model No.                               | Indoor unit                     |             | AUXG09KVLA                | AUXG12KVLA   | AUXG14KVLA   | AUXG18KVLA   | AUXG22KVLA   | AUXG24KVLA   |
|-----------------------------------------|---------------------------------|-------------|---------------------------|--------------|--------------|--------------|--------------|--------------|
|                                         | Outdoor unit                    |             | AOHG09KATA                | AOHG12KATA   | AOHG14KATA   | AOHG18KATA   | AOHG22KATA   | AOHG24KATA   |
| Power Source                            |                                 |             | Single phase, ~230V, 50Hz |              |              |              |              |              |
| 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) | 6.0(0.9-6.3) | 6.8(0.9-7.4) |
|                                         | 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) | 7.0(0.9-7.4) | 7.5(0.9-8.6) |
| Input Power                             | Cooling/Heating                 | kW          | 0.68/0.88                 | 1.09/1.17    | 1.37/1.42    | 1.69/1.72    | 1.95/2.00    | 2.26/2.08    |
| EER                                     | Cooling                         | W/W         | 3.68                      | 3.21         | 3.14         | 3.08         | 3.08         | 3.01         |
| COP                                     | Heating                         |             | 3.64                      | 3.50         | 3.52         | 3.49         | 3.50         | 3.61         |
| Pdesign                                 | Cooling/Heating(-10°C)          | kW          | 2.5/2.3                   | 3.5/2.8      | 4.3/3.2      | 5.2/3.8      | 6.0/4.4      | 6.8/5.4      |
| SEER                                    | Cooling                         | W/W         | 6.2                       | 6.1          | 6.1          | 6.1          | 6.1          | 5.9          |
| SCOP                                    | Heating                         |             | 4.0                       | 4.0          | 4.0          | 3.9          | 3.9          | 3.8          |
| Energy Efficiency Class                 | Cooling                         |             | A++                       | A++          | A++          | A++          | A++          | A+           |
|                                         | Heating                         |             | A+                        | A+           | 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    | 11.6/11.6    | 12.6/12.6    |
| Annual Energy Consumption               | Cooling                         | kWh/a       | 141                       | 201          | 247          | 298          | 344          | 403          |
|                                         | Heating                         |             | 804                       | 979          | 1,120        | 1,362        | 1,578        | 1,988        |
| Moisture Removal                        |                                 | l/h         | 0.6                       | 1.2          | 1.5          | 2.2          | 2.6          | 2.7          |
| Sound Pressure Level                    | Indoor (Cooling)                | H/M/L/Q     | 33/31/29/27               | 37/34/30/27  | 38/34/30/27  | 38/34/30/26  | 44/42/36/30  | 49/44/36/30  |
|                                         | Indoor (Heating)                | H/M/L/Q     | 34/32/29/27               | 37/34/31/29  | 43/38/34/30  | 43/38/34/30  | 45/43/40/33  | 49/45/40/33  |
| Sound Power Level                       | Outdoor(Cooling/Heating)        | High        | 47/48                     | 49/50        | 50/51        | 51/52        | 52/53        | 54/55        |
|                                         | Indoor(Cooling/Heating)         | High        | 46/47                     | 49/49        | 50/55        | 50/55        | 56/57        | 59/61        |
|                                         | Outdoor(Cooling/Heating)        | High        | 60/60                     | 62/62        | 63/63        | 63/64        | 64/65        | 66/67        |
| Airflow Rate                            | Indoor / Outdoor (Cooling)      | High        | 540/1,610                 | 600/1,630    | 680/1,670    | 680/1,710    | 830/2,240    | 930/2,885    |
|                                         | Indoor / Outdoor (Heating)      | High        | 540/1,550                 | 600/1,410    | 800/1,580    | 800/1,840    | 860/2,240    | 930/2,350    |
| Net Dimensions                          | Indoor                          | mm          | 245×570×570               | 245×570×570  | 245×570×570  | 245×570×570  | 245×570×570  | 245×570×570  |
| H x W x D                               | Outdoor                         | mm          | 541×663×290               | 541×663×290  | 542×799×290  | 542×799×290  | 632×799×290  | 632×799×290  |
|                                         | Indoor                          | kg(lbs)     | 15(33)                    | 15(33)       | 15(33)       | 15(33)       | 16(35)       | 16(35)       |
|                                         | Outdoor                         | kg(lbs)     | 23(51)                    | 25(55)       | 32(71)       | 33(73)       | 36(79)       | 38(84)       |
| Connection Pipe Diameter (Liquid / Gas) |                                 | mm          | 6.35/9.52                 | 6.35/9.52    | 6.35/9.52    | 6.35/12.70   | 6.35/12.70   | 6.35/12.70   |
| Drain port Diameter (I.D./O.D.)         |                                 |             | 25/32                     | 25/32        | 25/32        | 25/32        | 25/32        | 25/32        |
| Max Pipe Length (Pre-Charge)            |                                 | m           | 15 (15)                   | 15 (15)      | 20 (15)      | 20 (15)      | 25 (15)      | 25(20)       |
| Max Height Difference                   |                                 |             | 15                        | 15           | 15           | 15           | 20           | 20           |
| Operation Range                         | Cooling                         | °CDB        | -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    |
| Refrigerant                             | Type (Global Warming Potential) |             | R32(675)                  | R32(675)     | 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)   | 1.1(0.743)   | 1.25(0.844)  |
| Cassette Grille                         | Model name                      |             | UTG-UFGF-W                | UTG-UFGF-W   | UTG-UFGF-W   | UTG-UFGF-W   | UTG-UFGF-W   | UTG-UFGF-W   |
|                                         | Dimensions (H × W × D)          | mm          | 49x620x620                | 49x620x620   | 49x620x620   | 49x620x620   | 49x620x620   | 49x620x620   |
|                                         | Weight                          | kg(lbs)     | 2.3 (5)                   | 2.3 (5)      | 2.3 (5)      | 2.3 (5)      | 2.3 (5)      | 2.3 (5)      |

## Circular cassette



| Model No.                               | Indoor unit                     |             | AUXG18KRLB                                                                                                             | AUXG22KRLB   | AUXG24KRLB   | AUXG30KRLB     | AUXG36KRLB     | AUXG45KRLB     | AUXG54KRLB     | AUXG36KRLB           | AUXG45KRLB     | AUXG54KRLB     |
|-----------------------------------------|---------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------------|----------------|----------------|
|                                         | Outdoor unit                    |             | AOHG18KATA                                                                                                             | AOHG22KATA   | AOHG24KATA   | AOHG30KATA     | AOHG36KATA     | AOHG45KATA     | AOHG54KATA     | AOHG36KQTA           | AOHG45KQTA     | AOHG54KQTA     |
| Power Source                            |                                 |             | Single phase, ~230V, 50Hz                                                                                              |              |              |                |                |                |                | 3 phase, ~400V, 50Hz |                |                |
| 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) | 13.4(4.5-13.8) | 9.5(2.8-10.6)        | 12.1(4.0-12.6) | 13.4(4.5-13.8) |
|                                         | 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) | 15.5(4.7-16.0) | 10.8(2.7-12.5)       | 13.5(4.2-15.0) | 15.5(4.7-16.0) |
| Input Power                             | Cooling/Heating                 | kW          | 1.60/1.66                                                                                                              | 1.85/1.93    | 2.12/1.97    | 2.56/2.64      | 3.06/2.58      | 4.32/3.77      | 4.87/4.86      | 3.06/2.58            | 4.32/3.77      | 4.87/4.86      |
| EER                                     | Cooling                         | W/W         | 3.25                                                                                                                   | 3.24         | 3.21         | 3.32           | 3.10           | 2.80           | 2.75           | 3.10                 | 2.80           | 2.75           |
| COP                                     | Heating                         |             | 3.61                                                                                                                   | 3.63         | 3.81         | 3.79           | 4.19           | 3.58           | 3.19           | 4.19                 | 3.58           | 3.19           |
| 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         | 6.2                                                                                                                    | 6.2          | 6.1          | 6.1            | 6.1            | -              | -              | 6.1                  | -              | -              |
| SCOP                                    | Heating                         |             | 4.1                                                                                                                    | 4.1          | 4.0          | 4.0            | 4.0            | -              | -              | 4.0                  | -              | -              |
| Energy Efficiency Class                 | Cooling                         |             | A++                                                                                                                    | A++          | A++          | A++            | A++            | -              | -              | A++                  | -              | -              |
|                                         | Heating                         |             | A+                                                                                                                     | 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      | 28.1/28.1      | 10.5/10.5            | 13.6/13.6      | 13.6/13.6      |
| Annual Energy Consumption               | Cooling                         | kWh/a       | 293                                                                                                                    | 338          | 390          | 488            | 545            | -              | -              | 545                  | -              | -              |
|                                         | Heating                         |             | 1,297                                                                                                                  | 1,502        | 1,887        | 2,794          | 3,044          | -              | -              | 3,044                | -              | -              |
| Moisture Removal                        |                                 | l/h         | 1.5                                                                                                                    | 2.2          | 2.7          | 2.5            | 3.3            | 4.5            | 5.0            | 3.3                  | 4.5            | 5.0            |
| Sound Pressure Level                    | Indoor (Cooling)                | H/M/L/Q     | 33/32/31/28                                                                                                            | 33/32/31/28  | 35/33/32/29  | 40/38/36/33    | 44/41/38/34    | 46/42/39/35    | 47/43/40/36    | 44/41/38/34          | 46/42/39/35    | 47/43/40/36    |
|                                         | Indoor (Heating)                | H/M/L/Q     | 33/32/31/28                                                                                                            | 33/32/31/28  | 35/33/32/29  | 40/38/36/33    | 44/41/38/34    | 46/42/39/35    | 47/43/40/36    | 44/41/38/34          | 46/42/39/35    | 47/43/40/36    |
| Sound Power Level                       | Outdoor(Cooling/Heating)        | High        | 51/52                                                                                                                  | 52/53        | 54/55        | 53/55          | 55/55          | 58/59          | 58/61          | 55/55                | 60/60          | 61/61          |
|                                         | Indoor(Cooling/Heating)         | High        | 47/47                                                                                                                  | 49/49        | 49/49        | 54/54          | 58/58          | 60/60          | 61/61          | 58/58                | -/-            | -/-            |
| Airflow Rate                            | Outdoor(Cooling/Heating)        | High        | 63/64                                                                                                                  | 64/65        | 66/67        | 68/69          | 70/70          | 72/73          | 74/75          | 70/70                | 72/73          | 74/75          |
|                                         | Indoor / Outdoor (Cooling)      | High        | 1,050/1,710                                                                                                            | 1,050/2,240  | 1,150/2,885  | 1,600/3,750    | 1,870/3,750    | 2,000/4,450    | 2,100/4,450    | 1,870/3,750          | 2,000/4,450    | 2,100/4,450    |
| Net Dimensions<br>H x W x D             | Indoor                          | mm          | 246×840×840                                                                                                            | 246×840×840  | 246×840×840  | 288×840×840    | 288×840×840    | 288×840×840    | 288×840×840    | 288×840×840          | 288×840×840    | 288×840×840    |
|                                         | Outdoor                         | mm          | 542×799×290                                                                                                            | 632×799×290  | 632×799×290  | 788×940×320    | 788×940×320    | 998×940×320    | 998×940×320    | 788×940×320          | 998×940×320    | 998×940×320    |
| Weight                                  | Indoor                          | kg(lbs)     | 23(51)                                                                                                                 | 23(51)       | 24(53)       | 26(57)         | 29(64)         | 29(64)         | 29(64)         | 29(64)               | 29(64)         | 29(64)         |
|                                         | Outdoor                         | kg(lbs)     | 33(73)                                                                                                                 | 36(79)       | 38(84)       | 52(115)        | 52(115)        | 61(134)        | 63(139)        | 53(117)              | 62(137)        | 63(139)        |
| Connection Pipe Diameter (Liquid / Gas) |                                 | mm          | 6.35/12.70                                                                                                             | 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           | 9.52/15.88     | 9.52/15.88     |
| Drain port Diameter (I.D./O.D.)         |                                 |             | 25/32                                                                                                                  | 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)               | 30(30)         | 30(30)         |
| Max Height Difference                   |                                 |             | 15                                                                                                                     | 20           | 20           | 30             | 30             | 30             | 30             | 30                   | 30             |                |
| Operation 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            | -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            | -15 to 24      | -15 to 24      |
| Refrigerant                             | Type (Global Warming Potential) | kg(CO2eq-T) | R32(675)                                                                                                               | R32(675)     | R32(675)     | R32(675)       | R32(675)       | R32(675)       | R32(675)       | R32(675)             | R32(675)       | R32(675)       |
|                                         | Charge                          |             | 0.9(0.608)                                                                                                             | 1.1(0.743)   | 1.25(0.844)  | 1.90(1.283)    | 1.90(1.283)    | 2.4(1.620)     | 2.4(1.620)     | 1.90(1.283)          | 2.4(1.620)     | 2.4(1.620)     |
| Cassette Grille                         | Model name                      |             | UTG-UKGA-W: White Color with touch panel wired remote controller<br>UTG-UKGC-W: White Color / UTG-UKGA-B*: Black Color |              |              |                |                |                |                |                      |                |                |
|                                         | Dimensions (H × W × D)          | mm          | 53×950×950                                                                                                             | 53×950×950   | 53×950×950   | 53×950×950     | 53×950×950     | 53×950×950     | 53×950×950     | 53×950×950           | 53×950×950     | 53×950×950     |
|                                         | Weight                          | kg(lbs)     | 6.0 (13)                                                                                                               | 6.0 (13)     | 6.0 (13)     | 6.0 (13)       | 6.0 (13)       | 6.0 (13)       | 6.0 (13)       | 6.0 (13)             | 6.0 (13)       | 6.0 (13)       |