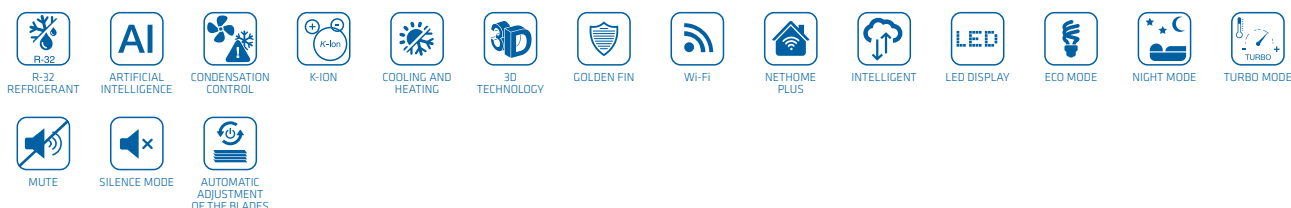


# Silver



KID-07 S  
Standard

| Technical documentation   | Download                 |
|---------------------------|--------------------------|
| User Manual               | <a href="#">PDF</a>      |
| Controller Manual         | <a href="#">PDF</a>      |
| Declaration of Conformity | <a href="#">PDF</a>      |
| ErP                       | <a href="#">PDF</a>      |
| Dimensions                | <a href="#">DWG</a>      |
| Software                  | <a href="#">Download</a> |



| Set model                                           |                   | AKAY-S 26 DR13       | AKAY-S 35 DR13       | AKAY-S 52 DR13       | AKAY-S 71 DR13       |
|-----------------------------------------------------|-------------------|----------------------|----------------------|----------------------|----------------------|
| <b>&gt; Set</b>                                     |                   |                      |                      |                      |                      |
| Cooling capacity rated                              | kW                | 2.60                 | 3.50                 | 5.00                 | 7.00                 |
| Cooling capacity min. / max.                        | kW                | 1.00 / 3.50          | 1.40 / 4.00          | 2.00 / 6.10          | 2.20 / 8.80          |
| Heating capacity rated                              | kW                | 2.90                 | 3.80                 | 5.40                 | 7.30                 |
| Heating capacity min. / max.                        | kW                | 0.80 / 3.70          | 1.10 / 4.10          | 1.40 / 6.80          | 1.60 / 9.40          |
| Heating capacity rated at -7°C                      | kW                | 2.38                 | 2.53                 | 4.11                 | 6.15                 |
| Cooling input rated                                 | W                 | 628                  | 1035                 | 1390                 | 2120                 |
| Cooling input min. / max.                           | W                 | 80 / 1300            | 130 / 1550           | 160 / 1787           | 420 / 3450           |
| Heating input rated                                 | W                 | 666                  | 975                  | 1440                 | 1970                 |
| Heating input min. / max.                           | W                 | 70 / 1075            | 160 / 1400           | 230 / 1750           | 300 / 3150           |
| Heating input rated at -7°C                         | W                 | 1150                 | 1259                 | 1664                 | 3030                 |
| EER                                                 |                   | 4.20                 | 3.40                 | 3.60                 | 3.30                 |
| COP                                                 |                   | 4.40                 | 3.91                 | 3.75                 | 3.71                 |
| COP at -7°C                                         |                   | 2.07                 | 2.01                 | 2.47                 | 2.03                 |
| SEER                                                |                   | 8.80 - A+++          | 8.50 - A+++          | 8.50 - A+++          | 7.90 - A++           |
| SCOP                                                |                   | 4.60 - A++           | 4.60 - A++           | 4.60 - A++           | 4.60 - A++           |
| <b>&gt; Indoor unit</b>                             |                   |                      |                      |                      |                      |
|                                                     |                   | <b>KAY-S 26 DR13</b> | <b>KAY-S 35 DR13</b> | <b>KAY-S 52 DR13</b> | <b>KAY-S 71 DR13</b> |
| Power supply                                        | V/ph/Hz           | with communication   | with communication   | with communication   | with communication   |
| Communication wiring                                | mm <sup>2</sup>   | (4+T)x1.5            | (4+T)x1.5            | (4+T)x1.5            | (4+T)x1.5            |
| Width / Height / Depth                              | mm                | 723 / 286 / 199      | 813 / 289 / 201      | 975 / 308 / 218      | 1055 / 330 / 231     |
| Net weight                                          | kg                | 7.50                 | 8.00                 | 10.2                 | 13.0                 |
| Air flow low / medium / high                        | m <sup>3</sup> /h | 285 / 360 / 510      | 370 / 450 / 600      | 470 / 600 / 800      | 635 / 790 / 1090     |
| Sound pressure                                      | dB(A)             | 19 / 25 / 34 / 39    | 20 / 26 / 32 / 39    | 22 / 28 / 36 / 43    | 22 / 33 / 40 / 46    |
| Sound power level                                   | dB(A)             | 56                   | 56                   | 58                   | 60                   |
| <b>&gt; Outdoor unit</b>                            |                   |                      |                      |                      |                      |
|                                                     |                   | <b>KAE-S 26 DR13</b> | <b>KAE-S 35 DR13</b> | <b>KAE-S 52 DR13</b> | <b>KAE-S 71 DR13</b> |
| Compressor type                                     |                   | Rotary               | Rotary               | Rotary               | Rotary               |
| Power supply                                        | V/ph/Hz           | 220-240/1/50         | 220-240/1/50         | 220-240/1/50         | 220-240/1/50         |
| Power wiring                                        | mm <sup>2</sup>   | (2+T)x1.5            | (2+T)x1.5            | (2+T)x1.5            | (2+T)x2.5            |
| Max. intensity                                      | A                 | 10.0                 | 10.0                 | 13.5                 | 19.0                 |
| Circuit breaker                                     |                   | D16                  | D16                  | D16                  | D16                  |
| Width / Height / Depth                              | mm                | 887 / 555 / 303      | 887 / 555 / 303      | 995 / 673 / 342      | 995 / 673 / 342      |
| Net weight                                          | kg                | 23.1                 | 23.1                 | 37.8                 | 41.0                 |
| Air flow                                            | m <sup>3</sup> /h | 2200                 | 2200                 | 3500                 | 3500                 |
| Sound pressure                                      | dB(A)             | 54                   | 55                   | 55                   | 55                   |
| Sound power level                                   | dB(A)             | 56                   | 56                   | 58                   | 60                   |
| <b>&gt; Refrigerant</b>                             |                   |                      |                      |                      |                      |
| Type refrigerant                                    |                   | R-32                 | R-32                 | R-32                 | R-32                 |
| GWP                                                 |                   | 675                  | 675                  | 675                  | 675                  |
| Refrigerant charge                                  | kg                | 0.55                 | 0.58                 | 0.85                 | 1.08                 |
| t CO <sub>2</sub> eq                                |                   | 0.55                 | 0.58                 | 0.85                 | 1.08                 |
| Pre-charge meters                                   | m                 | 5                    | 5                    | 5                    | 5                    |
| Supplementary charge                                | kg/m              | 0.012                | 0.012                | 0.012                | 0.012                |
| Liquid / Gas pipe diameter                          | inch              | 1/4" / 3/8"          | 1/4" / 3/8"          | 1/4" / 1/2"          | 1/4" / 1/2"          |
| Piping total length                                 | m                 | 25                   | 25                   | 30                   | 50                   |
| Vertical piping max. length                         | m                 | 10                   | 10                   | 20                   | 25                   |
| <b>&gt; Working range</b>                           |                   |                      |                      |                      |                      |
| Outdoor ambient temperature for heating min. / max. | °C                | -15 / 24             | -15 / 24             | -15 / 24             | -15 / 24             |
| Outdoor ambient temperature for cooling min. / max. | °C                | -15 / 50             | -15 / 50             | -15 / 50             | -15 / 50             |

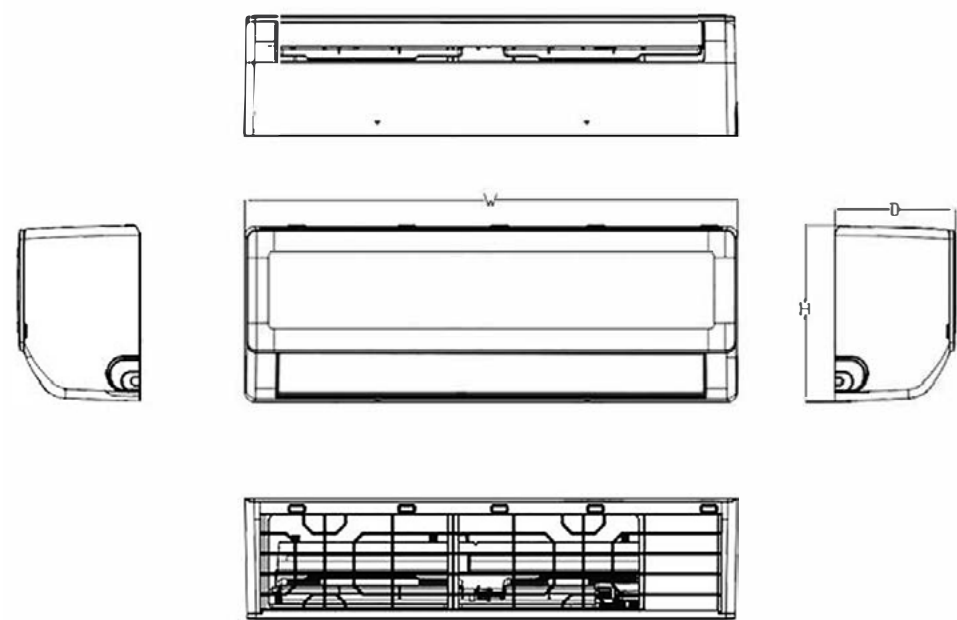
**Cooling and heating capacity. Cooling and heating input. Energy efficiency:** The energy coefficients are calculated under standard conditions. The actual operation conditions depend on the place in which the equipment has been installed and the use made of it.

**Sound pressure:** Measurement of the sound pressure is taken using an anechoic chamber at a distance of 1 m from the machine.

**Supplementary charge:** The initial charge of the machines is valid for the first 5 m (liquid line). A supplementary charge of 0.012 kg/m is required for greater distances per each additional metre.

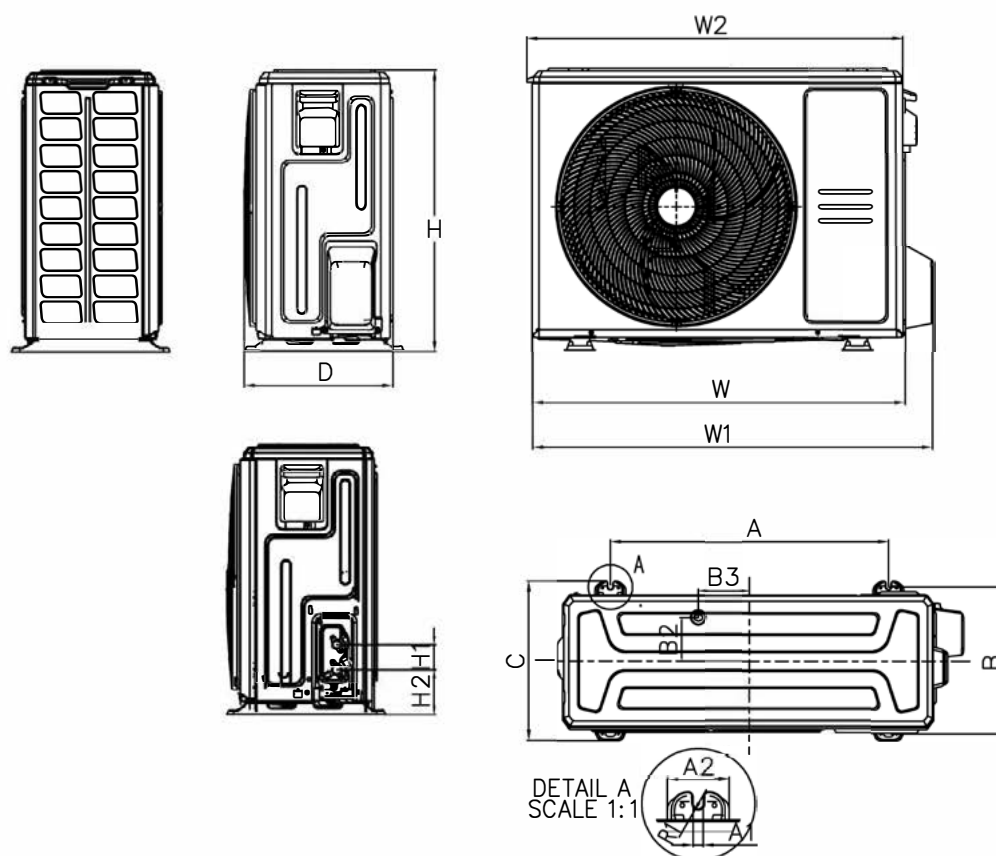
**NOTE:** Before installing these units, current legislation regarding refrigerant gases must be consulted.

# Silver



| Model         | Unit | W    | D   | H   |
|---------------|------|------|-----|-----|
| KAY-S 26 DR13 | mm   | 723  | 199 | 286 |
| KAY-S 35 DR13 | mm   | 813  | 201 | 289 |
| KAY-S 52 DR13 | mm   | 975  | 218 | 308 |
| KAY-S 71 DR13 | mm   | 1055 | 231 | 330 |

# Silver



| Platform | W   | W1   | W2  | D   | H   | A   | B   | C   | H1 | H2  | A1   | A2 | R1  | B2   | B3 |
|----------|-----|------|-----|-----|-----|-----|-----|-----|----|-----|------|----|-----|------|----|
| X1       | 720 | 790  | 727 | 270 | 495 | 452 | 255 | 281 | 60 | 87  | 11.7 | 49 | 6   | 76.5 | 33 |
| X2       | 765 | 835  | 784 | 303 | 555 | 452 | 286 | 314 | 60 | 93  | 10   | 62 | 5   | 76   | 18 |
| X3       | 805 | 874  | 815 | 330 | 554 | 511 | 317 | 346 | 60 | 95  | 10   | 58 | 6.5 | 105  | 49 |
| X4       | 890 | 955  | 895 | 342 | 673 | 663 | 354 | 380 | 60 | 108 | 12   | 74 | 6   | 52   | 61 |
| X6       | 980 | 1073 | /   | 415 | 975 | 616 | 397 | 440 | 60 | 114 | 12   | 76 | 6   | 111  | 95 |
| D        | 946 | 1030 | /   | 410 | 810 | 673 | 403 | 455 | 60 | 108 | 24   | 73 | 6   | 95   | 10 |

|        | 2,6kW (09) | 3,5kW (12) | 5,2kW (18) | 7,1kW (24) |
|--------|------------|------------|------------|------------|
| Silver | X2         | X2         | X4         | X4         |