



| Unit model             | HEAT PUMP                     |           |                               |                       |                   |                   |
|------------------------|-------------------------------|-----------|-------------------------------|-----------------------|-------------------|-------------------|
|                        | Indoor                        |           |                               | RAS-24SKV2-A          |                   |                   |
|                        | Outdoor                       |           |                               | RAS-24SAV2-A          |                   |                   |
|                        | Power Supply                  | (Ph/Hz/V) | 1/50/220-240                  |                       |                   |                   |
| Performance            |                               |           | 220V                          | 230V                  | 240V              |                   |
|                        | Capacity                      | (Cooling) | (kW)                          | 7.10(1.50-7.70)       | 7.10(1.50-7.70)   | 7.10(1.50-7.70)   |
|                        | Power Consumption             | (Cooling) | (kW)                          | 2.33(0.30-2.90)       | 2.33(0.30-2.90)   | 2.33(0.30-2.90)   |
|                        | EER                           | (Cooling) | (W/W)                         | 3.05(5.00-2.66)       | 3.05(5.00-2.66)   | 3.05(5.00-2.66)   |
|                        | Operating Current             | (Cooling) | (A)                           | 11.15(1.86-13.44)     | 10.65(1.78-12.85) | 10.21(1.71-12.32) |
|                        | Capacity                      | (Heating) | (kW)                          | 8.10(1.60-9.00)       | 8.10(1.60-9.00)   | 8.10(1.60-9.00)   |
|                        | Power Consumption             | (Heating) | (kW)                          | 2.45(0.30-3.30)       | 2.45(0.30-3.30)   | 2.45(0.30-3.30)   |
|                        | COP                           | (Heating) | (W/W)                         | 3.31(5.33-2.73)       | 3.31(5.33-2.73)   | 3.31(5.33-2.73)   |
|                        | Operating Current             | (Heating) | (A)                           | 11.71(1.89-15.29)     | 11.20(1.81-14.62) | 10.73(1.73-14.01) |
| Indoor Unit            | Model name                    |           |                               | RAS-24SKV2-A          |                   |                   |
|                        | Dimension (HxWxD)             |           |                               | (mm) 320x1050x228     |                   |                   |
|                        | Net weight                    |           |                               | (kg) 13               |                   |                   |
|                        | Airflow Volume                | (Cooling) | (m <sup>3</sup> /h)           | 1008                  |                   |                   |
|                        |                               | (Heating) | (m <sup>3</sup> /h)           | 1080                  |                   |                   |
|                        | Humidity capacity             |           |                               | (l/h) 3.8             |                   |                   |
|                        | Fan Motor Output              |           |                               | (W) 30                |                   |                   |
|                        | Operating Noise               | (Cooling) | (dB)                          | 45/43/41/38/36        |                   |                   |
|                        |                               | (Heating) | (dB)                          | 45/43/41/38/36        |                   |                   |
|                        | Sound power level (High)      | (Cooling) | (dBA)                         | 58                    |                   |                   |
| (Heating)              |                               | (dBA)     | 58                            |                       |                   |                   |
| Outdoor Unit           | Model name                    |           |                               | RAS-24SAV2-A          |                   |                   |
|                        | Dimension (HxWxD)             |           |                               | (mm) 890x900x320      |                   |                   |
|                        | Net weight                    |           |                               | (kg) 65               |                   |                   |
|                        | Refrigerant type              |           |                               | R410A                 |                   |                   |
|                        | Compressor Output             |           |                               | (W) 2000              |                   |                   |
|                        | Fan Motor Output              |           |                               | (W) 60                |                   |                   |
|                        | Operating Noise               | (Cooling) | (dB)                          | 52                    |                   |                   |
|                        |                               | (Heating) | (dB)                          | 52                    |                   |                   |
|                        | Sound power level (High)      | (Cooling) | (dBA)                         | 65                    |                   |                   |
|                        |                               | (Heating) | (dBA)                         | 65                    |                   |                   |
| Piping                 | Pipe diameter (Liquide side)  |           |                               | (mm/inch) 9.52(3/8")  |                   |                   |
|                        | Pipe diameter (Gas side)      |           |                               | (mm/inch) 15.88(5/8") |                   |                   |
|                        | Coupler Style                 |           |                               | Flare                 |                   |                   |
|                        | Drain tube outside diameter   |           |                               | (mm) 16.3             |                   |                   |
|                        | Chargeless Length             |           |                               | (m) 20                |                   |                   |
|                        | Additional refrigerant charge |           |                               | (g/m) 20              |                   |                   |
|                        | Max. Piping Length            |           |                               | (m) 30                |                   |                   |
|                        | Max. Piping Height            |           |                               | (m) 20                |                   |                   |
| Operating Range        | Usable Outdoor Temp           | (Cooling) | (°C)                          | -10-46                |                   |                   |
|                        |                               | (Heating) | (°C)                          | -15-24                |                   |                   |
| Air filter (Accessory) |                               |           | Toshiba New IAQ filter 4 pcs. |                       |                   |                   |

\* The specification may be subject to change without notice for purpose of improvement.