

TOSHIBA

Residential



Super Daiseikai SKVP Inverter high-wall

Features

The third generation of Daiseikai provides the highest energy saving and unmatched IAQ with Ag Plasma Purifier air filtration. The new modern design integrates perfectly with any environment.

Key features

Lowest energy consumption with 5,1 EER in cooling (size 10).

Ag Plasma air purifier: doesn't need cleaning since its deodorising effect gets constantly regenerated.

New, modern aesthetic.

Self-cleaning with low density ozone will eliminate all bacteria normally remaining after operation.

DC Hybrid Inverter technology with Twin Rotary compressor.

Special version for very cold climate: electric heater in CDU base pan and possibility of setting down to 8 °C in heating.



Residential

Technical specifications **heat pump**

| Outdoor unit | | | RAS-10SAVP-E | RAS-13SAVP-E | RAS-16SAVP-E |
|----------------------------------|-------------------------|---|--------------------|--------------------|--------------------|
| Indoor unit | | | RAS-B10SKVP-E | RAS-B13SKVP-E | RAS-B16SKVP-E |
| Cooling capacity | kW | | 2,5 | 3,5 | 4,5 |
| Cooling range (min. – max.) | kW | | 0,5 – 3,5 | 0,6 – 4,5 | 0,8 – 5,0 |
| Power input (min – rated – max.) | kW | C | 0,10 – 0,49 – 0,87 | 0,11 – 0,85 – 1,37 | 0,15 – 1,35 – 1,82 |
| EER | W/W | | 5,10 | 4,12 | 3,33 |
| Energy efficiency class | | C | A | A | A |
| Annual energy consumption | kWh | | 245 | 425 | 675 |
| Heating capacity | kW | | 3,2 | 4,2 | 5,5 |
| Heating range (min. – max.) | kW | | 0,6 – 6,1 | 0,6 – 6,9 | 0,8 – 8,0 |
| Power input (min – rated – max.) | kW | H | 0,12 – 0,63 – 1,71 | 0,12 – 0,95 – 2,09 | 0,15 – 1,49 – 2,51 |
| COP | W/W | | 5,08 | 4,42 | 3,69 |
| Energy efficiency class | | H | A | A | A |
| Indoor unit | | | RAS-B10SKVP-E | RAS-B13SKVP-E | RAS-B16SKVP-E |
| Air flow (h/l) | m ³ /h – l/s | C | 546/276 – 152/77 | 564/276 – 157/77 | 606/318 – 168/88 |
| Sound pressure level (h/l) | dB(A) | C | 42/27 | 43/27 | 45/29 |
| Sound power level (h/l) | dB(A) | C | 57/42 | 58/42 | 60/44 |
| Air Flow (h/l) | m ³ /h – l/s | H | 612/282 – 170/78 | 636/300 – 177/83 | 678/342 – 188/95 |
| Sound pressure level (h/l) | dB(A) | H | 43/27 | 44/27 | 45/29 |
| Sound power level (h/l) | dB(A) | H | 58/42 | 59/42 | 60/45 |
| Dimensions (h x w x d) | mm | | 250 x 790 x 208 | 250 x 790 x 208 | 250 x 790 x 208 |
| Weight | kg | | 9 | 9 | 9 |
| Outdoor unit | | | RAS-10SAVP-E | RAS-13SAVP-E | RAS-16SAVP-E |
| Air Flow | m ³ /h – l/s | | 2148 – 597 | 2406 – 668 | 2406 – 668 |
| Sound pressure level | dB(A) | C | 46 | 48 | 49 |
| Sound power level | dB(A) | C | 59 | 61 | 62 |
| Operating range | °C | C | -10 ÷ 46 | -10 ÷ 46 | -10 ÷ 46 |
| Sound pressure level | dB(A) | H | 47 | 50 | 50 |
| Sound power level | dB(A) | H | 60 | 63 | 63 |
| Operating range | °C | H | -15 ÷ 24 | -15 ÷ 24 | -15 ÷ 24 |
| Dimensions (h x w x d) | mm | | 550 x 780 x 290 | 550 x 780 x 290 | 550 x 780 x 290 |
| Weight | kg | | 38 | 38 | 38 |
| Compressor type | | | DC Twin rotary | DC Twin rotary | DC Twin rotary |
| Flare connections | | | | | |
| Gas | in | | 3/8 | 3/8 | 4/8 |
| Liquid | in | | 2/8 | 2/8 | 2/8 |
| Minimum pipe length | m | | 2 | 2 | 2 |
| Maximum pipe length | m | | 25 | 25 | 25 |
| Maximum height difference | m | | 10 | 10 | 10 |
| Chargeless pipe length | m | | 15 | 15 | 15 |
| Power supply | V-ph-Hz | | 220/240-1-50 | 220/240-1-50 | 220/240-1-50 |

C = cooling mode
H = heating mode

heat pump

cooling only

| Indoor units | B10SKVP-E | B13SKVP-E | B16SKVP-E | – | – | – |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| MONOSPLIT Outdoor units | 10SAVP-E | 13SAVP-E | 16SAVP-E | – | – | – |
| Indoor units | B10SKVP-E | B13SKVP-E | B16SKVP-E | M10GKVP-E | M13GKVP-E | M16GKVP-E |