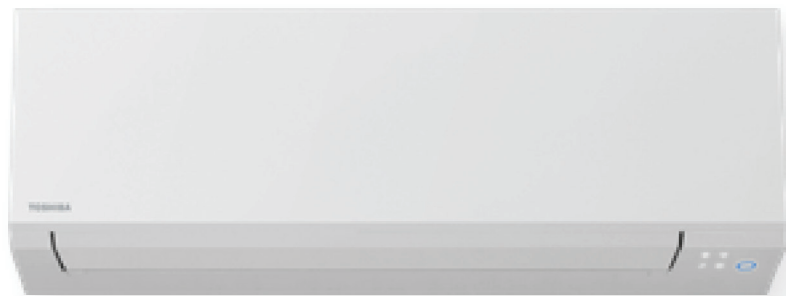


INVERTER HI-WALL

TOSHIBA



EDGE WHITE



Ultra Pure Filter



HADA Care Flow



Wi-Fi Active

Minimalism, elegance & comfort... in total white!

Beautify your interior with a new stylish, contemporary design. With its straight lines, matte finish, and invisible piping pre-cuts, the Edge White fits perfectly with any type of interior. Designed to maximize your comfort.



FEATURES



Energy Class A+++ in units up to < 3.5kW and A++ in units >3,5kW in cooling



Ultra-Pure Filter for a clean, healthy, dust-free atmosphere, without PM2.5 fine particles



With HADA Care flow (cooling mode), a set louvre position to generate indirect air flow to user, with better air distribution to homogenize room temperature



Wi-Fi Active



Silent Operation (outdoor unit) with Toshiba's unique noise reduction unction of outdoor unit down to 6dB(A) or your neighbourhood comfort



The unit boasts a 3D smart airflow system, with independent louvres and 6 patterns for unlimited comfort (only sizes 18, 22 & 24K BTU/H)



8°C heating protects your home and contents from freezing temperatures

TECHNICAL CHARACTERISTICS

PERFORMANCE DATA

| OUTDOOR UNIT | | RAS-10J2AVSG-E1 | RAS-13J2AVSG-E1 | RAS-16J2AVSG-E1 | RAS-18J2AVSG-E1 | RAS-22J2AVSG-E1 | RAS-24J2AVSG-E1 |
|-----------------------------------|-------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| INDOOR UNIT | | RAS-B10G3KVSG-E | RAS-B13G3KVSG-E | RAS-B16G3KVSG-E | RAS-B18G3KVSG-E | RAS-B22G3KVSG-E | RAS-B24G3KVSG-E |
| Cooling capacity | kW | 2,50 | 3,50 | 4,60 | 5,00 | 6,10 | 7,00 |
| Cooling range (min.-max.) | kW | 0,89-3,20 | 1,00-4,10 | 1,20-5,30 | 1,20-6,00 | 1,39-6,70 | 1,70-7,70 |
| Power input (min.-rated-max.) | kW | C 0,19-0,54-0,79 | 0,25-0,90-1,12 | 0,34-1,35-1,72 | 0,35-1,42-2,00 | 0,36-1,99-2,20 | 0,38-2,25-2,55 |
| EER | W/W | 4.63 | 3.89 | 3.41 | 3.52 | 3.07 | 3.11 |
| SEER | | 8.60 | 8.60 | 7.80 | 7.30 | 7.30 | 6.30 |
| Energy efficiency class | | C A+++ | A+++ | A++ | A++ | A++ | A++ |
| Seasonal electricity consumption | kWh/a | C 102 | 142 | 206 | 242 | 292 | 389 |
| Heating capacity | kW | 3,20 | 4,20 | 5,50 | 6,00 | 7,00 | 8,00 |
| Heating range (min.-max.) | kW | 0,90-4,80 | 1,00-5,30 | 1,10-6,50 | 1,10-6,50 | 1,15-7,50 | 1,70-8,80 |
| Power input (min.-rated-max.) | kW | H 0,16-0,70-1,23 | 0,20-1,08-1,55 | 0,24-1,52-1,90 | 0,25-1,59-1,75 | 0,26-1,88-2,10 | 0,29-2,35-2,75 |
| COP | W/W | 4.57 | 3.89 | 3.62 | 3.77 | 3.72 | 3.40 |
| SCOP (average) | | 5.10 | 5.10 | 4.60 | 4.60 | 4.60 | 4.10 |
| Energy efficiency class (average) | | H A+++ | A+++ | A++ | A++ | A++ | A+ |
| SCOP (warmer) | | 6.60 | 6.80 | 5.90 | 6.00 | 6.00 | 5.50 |
| Energy efficiency class (warmer) | | H A+++ | A+++ | A+++ | A+++ | A+++ | A+++ |
| Seasonal electricity consumption | kWh/a | H 686 | 878 | 1.217 | 1.309 | 1.430 | 2.149 |

PHYSICAL DATA INDOOR

| INDOOR UNIT | | RAS-B10G3KVSG-E | RAS-B13G3KVSG-E | RAS-B16G3KVSG-E | RAS-B18G3KVSG-E | RAS-B22G3KVSG-E | RAS-B24G3KVSG-E |
|----------------------------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Air Flow (h) | m³/h-l/s | C 660-183 | 732-203 | 750-208 | 990-274 | 1.032-286 | 1.122-311 |
| Air Flow (l) | m³/h-l/s | C 312-86 | 342-95 | 360-100 | 570-158 | 690-191 | 720-199 |
| Sound pressure level (h/q) | dB(A) | C 40/19 | 43/19 | 44/21 | 44/26 | 45/27 | 47/28 |
| Sound power level (h) | dB(A) | C 53 | 56 | 57 | 57 | 58 | 60 |
| Air Flow (h) | m³/h-l/s | H 660-183 | 732-203 | 768-213 | 990-274 | 1.080-299 | 1.140-316 |
| Air Flow (l) | m³/h-l/s | H 312-86 | 342-95 | 360-100 | 570-158 | 690-191 | 750-208 |
| Sound pressure level (h/q) | dB(A) | H 40/19 | 43/19 | 44/22 | 44/26 | 46/27 | 48/28 |
| Sound power level (h) | dB(A) | H 53 | 56 | 57 | 57 | 59 | 61 |
| Dimensions (H×W×D) | mm | 293×800×226 | 293×800×226 | 293×800×226 | 320×1.053×245 | 320×1.053×245 | 320×1.053×245 |
| Weight | Kg | 10 | 10 | 10 | 14 | 14 | 14 |

PHYSICAL DATA OUTDOOR

| OUTDOOR UNIT | | RAS-10J2AVSG-E1 | RAS-13J2AVSG-E1 | RAS-16J2AVSG-E1 | RAS-18J2AVSG-E1 | RAS-22J2AVSG-E1 | RAS-24J2AVSG-E1 |
|-------------------------------------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Air Flow (max) | m³/h-l/s | C 1.890-524 | 1.950-540 | 2.040-566 | 2.076-576 | 2.184-607 | 2.916-810 |
| Sound pressure level (h) | dB(A) | C 44 | 46 | 48 | 48 | 49 | 50 |
| Sound pressure level (silent CDU#2) | dB(A) | C 37 | 39 | 40 | 42 | 43 | 43 |
| Sound power level (h) | dB(A) | C 57 | 59 | 61 | 63 | 62 | 63 |
| Sound power level (silent CDU#2) | dB(A) | C 50 | 52 | 53 | 55 | 56 | 56 |
| Operating range | °C | C -15-46 | -15-46 | -15-46 | -15-46 | -15-46 | -15-46 |
| Air Flow (max) | m³/h-l/s | H 1.890-524 | 1.950-540 | 2.040-566 | 2.076-576 | 2.184-607 | 2.916-810 |
| Sound pressure level (h) | dB(A) | H 46 | 48 | 50 | 50 | 51 | 53 |
| Sound pressure level (silent CDU#2) | dB(A) | H 39 | 43 | 43 | 44 | 46 | 46 |
| Sound power level (h) | dB(A) | H 59 | 61 | 63 | 63 | 64 | 66 |
| Sound power level (silent CDU#2) | dB(A) | H 52 | 56 | 56 | 57 | 59 | 59 |
| Operating range | °C | H -15-24 | -15-24 | -15-24 | -15-24 | -15-24 | -15-24 |
| Dimensions (H×W×D) | mm | 550×780×290 | 550×780×290 | 550×780×290 | 550×780×290 | 550×780×290 | 630×800×300 |
| Weight | Kg | 26 | 30 | 33 | 34 | 34 | 42 |
| Compressor type | | DC Rotary | DC Rotary | DC Rotary | DC Twin-Rotary | DC Twin-Rotary | DC Twin-Rotary |
| Flare connections (gas-liquid) | | 3/8"-1/4" | 3/8"-1/4" | 1/2"-1/4" | 1/2"-1/4" | 1/2"-1/4" | 1/2"-1/4" |
| Minimum pipe length | m | 2 | 2 | 2 | 2 | 2 | 2 |
| Maximum pipe length | m | 20 | 20 | 20 | 20 | 20 | 25 |
| Maximum height difference | m | 12 | 12 | 12 | 12 | 12 | 15 |
| Chargeless pipe length | m | 15 | 15 | 15 | 15 | 15 | 15 |
| Refrigerant charging (R32) | Kg | 0.55 | 0.80 | 0.80 | 1.10 | 1.10 | 1.14 |
| Power supply | V/Hz/Ph | 230/50/1 | 230/50/1 | 230/50/1 | 230/50/1 | 230/50/1 | 230/50/1 |

C = Cooling Mode H = Heating Mode

