

Incredibly quiet

Straight lines, matt finish and invisible piping pre-cuts. This is the EDGE, Toshiba's brand new air conditioner with the most stylish and contemporary design. Its' absolutely silent function ensures that your air conditioner doesn't disturb any of your activities. In addition the HADA Care Flow mode ensures indirect air flow, for better air distribution, preventing unpleasant air waves or skin dryness.



MAX EFFICIENCY



SEER 8,6
SCOP 6,80

CAPACITY



2,5kW - 7kW

TOP ENERGY CLASS



A+++ / A+++

ABSOLUTE SILENCE



<19dB(A)

COMPRESSOR TECHNOLOGY



Twin Rotary DC Inverter



REMOTE CONTROL
delivered with the unit

User friendly wireless remote control with innovative commands:

- ▶ The unit boasts a **3D smart airflow system**, with independent louvers and 6 patterns for unlimited comfort (only sizes 18, 22 & 24K BTU/h)
- ▶ **Silent Operation** (outdoor unit) with Toshiba's unique noise reduction function of outdoor unit down to 6dB(A) for your neighborhood comfort
- ▶ **Quiet mode** (indoor unit). Just press FAN button to adjust speed and reach Quiet mode to operate at silent noise level
- ▶ **Weekly timer** allows to set «on and off» times or program settings every 24 hours. Up to 4 different settings/days and 7 different programs in a week
- ▶ **“8°C” heating** protects your home and contents from freezing temperatures while you are away, making it the perfect choice in winter
- ▶ **On Demand Defrost:** In certain extreme conditions, one can manually defrost at any time by pressing SET button for 5 seconds
- ▶ **Comfort sleep** for optimum comfort while sleeping, set the temperature to rise by 1°C after 1 hour, then another degree after 2 hours, which will be maintained until morning



- ▶ **ENERGY CLASS A+++** in units <3,5kW and A++ in units >3,5kW in cooling and A+++ in heating mode in warmer zone
- ▶ **LOW ENERGY CONSUMPTION** in all operation types
- ▶ **STYLISH DESIGN** with straight lines, matt finish and invisible piping pre-cuts. Discreet dimming lights changing colors with cooling and heating modes
- ▶ **ULTRA-PURE FILTER** for a clean, healthy, dust-free atmosphere, without PM2.5 fine particles
- ▶ **WITH HADA CARE FLOW** (cooling mode), a set louver position to generate indirect air flow to user, with better air distribution to homogenize room temperature. Makes stress-free condition for beauty skin
- ▶ **TOSHIBA'S UNIQUE FIREPLACE MODE** provides optimum heat diffusion from your fireplace or other heat sources, by keeping the indoor unit fan blowing continuously at low speed, even while the compressor is switched off

Performance data

Outdoor unit			RAS-10J2AVSG-E RAS-B10J2KVSG-E	RAS-13J2AVSG-E RAS-B13J2KVSG-E	RAS-16J2AVSG-E RAS-B16J2KVSG-E	RAS-18J2AVSG-E RAS-18J2KVSG-E	RAS-22J2AVSG-E RAS-B22J2KVSG-E	RAS-24J2AVSG-E RAS-B24J2KVSG-E
Cooling capacity	kW		2,5	3,5	4,6	5,0	6,1	7,0
Cooling capacity	BTU/h		8.535	11.949	15.704	17.070	20.825	23.898
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
Cooling range (min. - max.)	BTU/h		3.038 - 10.924	3.414 - 13.997	4.096 - 18.094	4.096 - 20.484	4.745 - 22.873	5.803 - 26.287
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			8,6	8,6	7,8	7,8	7,3	6,3
Energy efficiency class		C	A+++	A+++	A++	A++	A++	A++
Seasonal electricity consumption	kWh/a	C	102	142	206	224	292	389
Heating capacity	kW		3,2	4,2	5,5	6,0	7,0	8,0
Heating capacity	BTU/h		10.924	14.338	18.777	20.484	23.898	27.312
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
Heating range (min. - max.)	BTU/h		3.072 - 16.387	3.414 - 18.094	3.755 - 22.191	3.755 - 22.191	3.926 - 25.605	5.803 - 30.043
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)			5,1	5,1	4,6	4,6	4,6	4,1
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

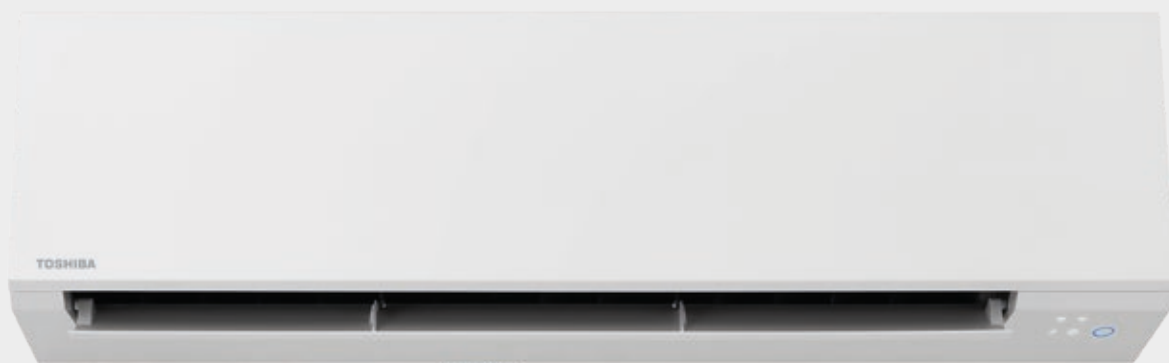
Indoor unit			RAS-B10J2KVSG-E	RAS-B13J2KVSG-E	RAS-B16J2KVSG-E	RAS-18J2KVSG-E	RAS-B22J2KVSG-E	RAS-B24J2KVSG-E
Air Flow (h)	m ³ /h - l/s	C	660 - 183	732 - 203	750 - 208	990 - 274	1.032 - 286	1.122 - 311
Air Flow (l)	m ³ /h - l/s	C	312 - 86	342 - 95	360 - 100	570 - 158	690 - 191	720 - 199
Sound pressure 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)	m ³ /h - l/s	H	660 - 183	732 - 203	768 - 213	990 - 274	1.080 - 299	1.140 - 316
Air Flow (l)	m ³ /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 (HxWxD)	mm		293x800x226	293x800x226	293x800x226	320x1053x245	320x1053x245	320x1053x245
Weight	kg		10	10	10	14	14	14

Physical data outdoor

Outdoor unit			RAS-10J2AVSG-E	RAS-13J2AVSG-E	RAS-16J2AVSG-E	RAS-18J2AVSG-E	RAS-22J2AVSG-E	RAS-24J2AVSG-E
Air Flow (max)	m ³ /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 power level (h)	dB(A)	C	57	59	61	61	62	63
Operating range	°C	C	-15~46	-15~46	-15~46	-15~46	-15~46	-15~46
Air Flow (max)	m ³ /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	52
Sound power level (h)	dB(A)	H	59	61	63	63	64	65
Operating range	°C	H	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Dimensions (HxWxD)	mm		550x780x290	550x780x290	550x780x290	550x780x290	550x780x290	630x800x300
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	0,8	0,8	1,1	1,1	1,14
Power supply	V-ph-Hz		230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50

C = cooling mode

H = heating mode



Features	RAS-10J2AVSG-E RAS-B10J2KVSG-E	RAS-13J2AVSG-E RAS-B13J2KVSG-E	RAS-16J2AVSG-E RAS-B16J2KVSG-E	RAS-18J2AVSG-E RAS-18J2KVSG-E	RAS-22J2AVSG-E RAS-B22J2KVSG-E	RAS-24J2AVSG-E RAS-B24J2KVSG-E
Compressor Twin Rotary DC INVERTER	x	x	x	✓	✓	✓
Wi Fi Ready	✓	✓	✓	✓	✓	✓
Toshiba Ultra Pure Filter	✓	✓	✓	✓	✓	✓
Hada Care Flow (in cooling mode)	✓	✓	✓	✓	✓	✓
Magic Coil	✓	✓	✓	✓	✓	✓
Self-Cleaning Mode	✓	✓	✓	✓	✓	✓
Fix & Swing Mode	✓	✓	✓	✓	✓	✓
Fire Place	✓	✓	✓	✓	✓	✓
Silent Operation 1 & 2 (outdoor unit)	✓	✓	✓	✓	✓	✓
8°C Heating Mode	✓	✓	✓	✓	✓	✓
On Demand Defrost Mode	✓	✓	✓	✓	✓	✓
Weekly timer (4 different programs per day - 7 days per week)	✓	✓	✓	✓	✓	✓
Comfort Sleep Mode	✓	✓	✓	✓	✓	✓
Quiet Mode	✓	✓	✓	✓	✓	✓
High Power Mode	✓	✓	✓	✓	✓	✓
Power Select Mode	✓	✓	✓	✓	✓	✓
Designed in/ Manufactured in	JAPAN / THAILAND					