

Less is more

SEIYA promises to give lots of quiet nights, thanks to its low noise level, but also many quiet days thanks to its high performance, which guarantees very low power consumption. It is equipped with Magic Coil[®], which prevents water and dust from clinging inside the unit. With the self-cleaning system, the fan continues to operate even after the unit is switched off.



MAX EFFICIENCY



SEER 6,3
SCOP 5,2

CAPACITY



2,5kW - 6,5kW

ENERGY CLASS



A++ / A++

LOW NOISE LEVEL



<21dB(A)

COMPRESSOR TECHNOLOGY



DC Inverter



REMOTE CONTROL
delivered with the unit

User friendly wireless remote control with innovative commands:

- ▶ **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
- ▶ **Silent CDU** is Toshiba's unique noise reduction function of outdoor unit for neighborhood comfort
- ▶ **High Power** capacity booster to reach comfort set point very fast
- ▶ **OFF timer** provides a very convenient automatic programmable stop function
- ▶ **On Demand Defrost** for manual defrost at any time in extreme conditions



▶ **HIGH ENERGY CLASS A++** in cooling and **A++** in heating in the warmer zone (A+++ in heating in the warmer zone in 18K BTU/h unit)

▶ **LOW ENERGY CONSUMPTION** in all operation types

▶ **LOW NOISE LEVELS** during the operation of the outdoor and the indoor unit, due to Quiet and Silent mode

▶ **WITH MAGIC COIL® AND SELF-CLEANING SYSTEM** for cleaner air output and longer lifespan

▶ **ELEGANT & MODERN DESIGN** with discreet dimming lights changing colors with cooling and heating modes

Performance data

Outdoor unit Indoor unit		RAS-10J2AVG-E RAS-B10J2KVG-E	RAS-13J2AVG-E RAS-B13J2KVG-E	RAS-16J2AVG-E RAS-B16J2KVG-E	RAS-18J2AVG-E RAS-18J2KVG-E	RAS-24J2AVG-E RAS-24J2KVG-E
Cooling capacity	kW	2,5	3,3	4,2	5,0	6,5
Cooling capacity	BTU/h	8.535	11.266	14.338	17.070	22.191
Cooling range (min. - max.)	kW	0,80 - 3,00	1,00 - 3,60	1,20 - 4,70	1,30 - 5,50	1,60 - 7,20
Cooling range (min. - max.)	BTU/h	2.730 - 10.236	3.412 - 12.285	4.095 - 16.036	4.435 - 18.766	5.460 - 24.566
Power input (min. -rated - max.)	kW	C 0,24 - 0,77 - 1,00	0,26 - 1,10 - 1,25	0,32 - 1,40 - 1,80	0,27 - 1,55 - 1,80	0,32 - 2,25 - 2,60
EER	W/W	3,25	3,00	3,00	3,23	2,89
SEER		6,1	6,1	6,1	6,3	6,1
Energy efficiency class	C	A++	A++	A++	A++	A++
Seasonal electricity consumption	kWh/a	C 143	189	241	278	373
Heating capacity	kW	3,2	3,6	5,0	5,4	7,0
Heating capacity	BTU/h	10.924	12.290	17.070	18.435	23.898
Heating range (min. - max.)	kW	1,00 - 3,90	1,10 - 4,50	1,30 - 6,00	1,00 - 6,00	1,60 - 8,10
Heating range (min. - max.)	BTU/h	3.412 - 13.307	3.755 - 15.354	4.435 - 20.472	3.414 - 20.472	5.450 - 27.637
Power input (min. -rated - max.)	kW	H 0,20 - 0,86 - 1,11	0,22 - 0,92 - 1,24	0,24 - 1,40 - 1,70	0,20 - 1,60 - 1,85	0,29 - 2,10 - 2,55
COP	W/W	3,72	3,91	3,57	3,38	3,33
SCOP (Average)		4,0	4,0	4,0	4,0	4,0
Energy efficiency class (Average)	H	A+	A+	A+	A+	A+
SCOP (Warmer)		4,60	4,90	4,90	5,20	4,90
Energy efficiency class (Warmer)	H	A++	A++	A++	A+++	A++
Seasonal electricity consumption	kWh/a	H 839	980	1.259	1.329	1.890

Physical data indoor

Indoor unit		RAS-B10J2KVG-E	RAS-B13J2KVG-E	RAS-B16J2KVG-E	RAS-18J2KVG-E	RAS-24J2KVG-E
Air Flow (h)	m³/h - l/s	C 540 - 150	600 - 167	750 - 208	798 - 222	1.074 - 298
Air Flow (l)	m³/h - l/s	C 240 - 67	264 - 73	330 - 92	480 - 133	666 - 185
Sound pressure level (h/q)	dB(A)	C 39/21	41/21	43/22	47/27	48/31
Sound power level (h)	dB(A)	C 54	56	58	60	63
Air Flow (h)	m³/h - l/s	H 552 - 153	618 - 172	768 - 213	840 - 233	900 - 250
Air Flow (l)	m³/h - l/s	H 252 - 70	294 - 82	348 - 97	500 - 139	738 - 205
Sound pressure level (h/q)	dB(A)	H 39/21	42/21	43/22	48/27	43/31
Sound power level (h)	dB(A)	H 54	57	58	63	58
Dimensions (HxWxD)	mm	293x798x230	293x798x230	293x798x230	293x798x230	320x1.050x250
Weight	kg	9	9	10	9	14

Physical data outdoor

Outdoor unit		RAS-10J2AVG-E	RAS-13J2AVG-E	RAS-16J2AVG-E	RAS-18J2AVG-E	RAS-24J2AVG-E
Air Flow (max)	m³/h - l/s	C 1.800 - 500	1.980 - 550	2.160 - 600	2.160 - 600	2.220 - 617
Sound pressure level (h)	dB(A)	C 48	48	49	50	55
Sound power level (h)	dB(A)	C 63	63	64	65	70
Operating range	°C	C -15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air Flow (max)	m³/h - l/s	H 1.800 - 500	1.980 - 550	2.160 - 600	2.160 - 600	2.220 - 617
Sound pressure level (h)	dB(A)	H 50	50	51	52	55
Sound power level (h)	dB(A)	H 65	65	66	67	70
Operating range	°C	H -15 ~ 24	-15 ~ 24	-15~24	-15~24	-15~24
Dimensions (HxWxD)	mm	530x660x240	530x660x240	550x780x290	550x780x290	550x780x290
Weight	kg	23	24	30	34	38
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC 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"
Minimum pipe length	m	2	2	2	2	2
Maximum pipe length	m	15	15	20	20	20
Maximum height difference	m	12	12	12	12	12
Chargeless pipe length	m	15	15	15	15	15
Refrigerant charging (R32)	kg	0,43	0,46	0,62	0,88	1,08
Power supply	V-ph-Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50

C = cooling mode

H = heating mode



Features	RAS-10J2AVG-E RAS-B10J2KVG-E	RAS-13J2AVG-E RAS-B13J2KVG-E	RAS-16J2AVG-E RAS-B16J2KVG-E	RAS-18J2AVG-E RAS-B18J2KVG-E	RAS-24J2AVG-E RAS-24J2KVG-E
Compressor Twin Rotary DC INVERTER	X	X	X	X	✓
Wi Fi Ready	✓	✓	✓	✓	✓
Anti corrosive protection (Outdoor unit)	✓	✓	✓	✓	✓
Magic Coil	✓	✓	✓	✓	✓
Self-Cleaning Mode	✓	✓	✓	✓	✓
Fix & Swing Mode	✓	✓	✓	✓	✓
Thunder surge protection	✓	✓	✓	✓	✓
On Demand Defrost Mode	✓	✓	✓	✓	✓
Comfort Sleep Mode	✓	✓	✓	✓	✓
Quiet Mode	✓	✓	✓	✓	✓
High Power Mode	✓	✓	✓	✓	✓
ECO Mode	✓	✓	✓	✓	✓
Timer	✓	✓	✓	✓	✓
Power Select Mode (optional)	✓	✓	✓	✓	✓
Fire Place 1 (optional)	✓	✓	✓	✓	✓
Silent operation 1 (Outdoor unit)	✓	✓	✓	✓	✓
8°C Heating Mode (optional)	✓	✓	✓	✓	✓
Weekly timer (optional)	✓	✓	✓	✓	✓
Designed in/ Manufactured in	JAPAN / THAILAND				