

RAS-J2KVG-E

SEIYA



SEIYA, "Silent night" in Japanese, benefits from Toshiba's latest innovative inverter and compressor technology. It is designed to deliver high performance, making everyday comfort a reality for all. SEIYA offers energy efficient A++ cooling and A+ heating performances, with R32 refrigerant. Compatible with Monosplit & Multisplit outdoor units (B-codes).

High energy class A++ / A+

- Heating and cooling modes ensure exceptional energy savings and unparalleled comfort levels.

Extremely silent operation

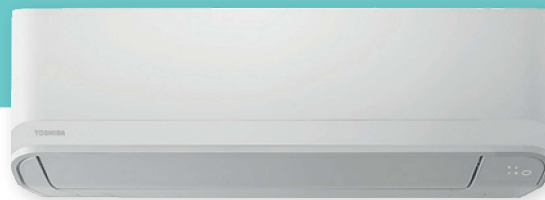
- SEIYA 's Silent function halves the sound level of the outdoor unit, while its Quiet function reduces noise from the indoor unit for a good night's sleep.

Indoor Air Quality

- SEIYA is equipped with the Magic Coil® which helps prevent water and dust from sticking to the coil. When the air conditioning is switched off to drain the contaminated coil, the fan continues to operate to keep the coil clean and dry whilst preserving the air conditioning high energy efficiency.

User friendly wireless remote control with weekly timer

- Quiet mode for Comfort Sleep operating indoor at the lowest noise level
- Silent CDU is Toshiba's unique noise reduction function of outdoor unit for neighborhood comfort.
- Hi 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.



MAX EFFICIENCY



SEER 6.1
SCOP 4.0

CAPACITY



1.5kW > 6.5kW

OPERATION



-15°C > +46°C

> **Elegant & modern design** with discreet dimming lights

> **100% Toshiba quality with DC rotary inverter compressor**

> **Wi-Fi control ready with Toshiba Home AC Control** adaptor

> **Silent modes** with indoor unit Quiet mode & Silent outdoor unit function



INDOOR UNITS

RAS-B05J2KVG-E RAS-B16J2KVG-E
RAS-B07J2KVG-E RAS-18J2KVG-E
RAS-B10J2KVG-E RAS-24J2KVG-E
RAS-B13J2KVG-E



OUTDOOR UNITS

RAS-05J2AVG-E RAS-16J2AVG-E
RAS-07J2AVG-E RAS-18J2AVG-E
RAS-10J2AVG-E RAS-24J2AVG-E
RAS-13J2AVG-E



REMOTE CONTROLS

Delivered with the unit



OPTIONAL RC

RB-RXS30-E
Optional weekly timer
Remote control

SEIYA- R32 Performance data

Outdoor unit	Europe	RAS-05J2AVG-E	RAS-07J2AVG-E	RAS-10J2AVG-E	RAS-13J2AVG-E	RAS-16J2AVG-E	RAS-18J2AVG-E	RAS-24J2AVG-E
Indoor unit		RAS-B05J2KVG-E	RAS-B07J2KVG-E	RAS-B10J2KVG-E	RAS-B13J2KVG-E	RAS-B16J2KVG-E	RAS-B18J2KVG-E	RAS-B24J2KVG-E
Cooling capacity	kW	1,5	2,0	2,5	3,3	4,2	5,0	6,5
Cooling range (min. - max.)	kW	(0,75 - 2,00)	(0,76 - 2,60)	(0,80 - 3,00)	(1,00 - 3,60)	(1,20 - 4,7)	(1,3 - 5,5)	(1,6 - 7,2)
Power input (min. - rated - max.)	kW C	(0,22 - 0,37 - 0,60)	(0,22 - 0,53 - 0,83)	(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)
Pdesignc	kW	1,5	2,0	2,5	3,3	4,2	5,0	6,5
EER	W/W	4,05	3,77	3,25	3,00	3,00	3,23	2,89
SEER		6,1	6,1	6,1	6,1	6,1	6,3	6,1
Energy efficiency class	C	A++	A++	A++	A++	A++	A++	A++
Seasonal electricity consumption	kWh/a C	86	115	143	189	241	278	373
Heating capacity	kW	2,0	2,5	3,2	3,6	5,0	5,4	7,0
Heating range (min. - max.)	kW	(0,90 - 3,00)	(0,92 - 3,30)	(1,00 - 3,90)	(1,10 - 4,50)	(1,30 - 6,00)	(1,0 - 6,0)	(1,6 - 8,1)
Power input (min. - rated - max.)	kW H	(0,19 - 0,47 - 0,73)	(0,19 - 0,64 - 0,90)	(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)
Pdesignh (Tbiv-7°C)	kW	1,6	2,0	2,4	2,8	3,6	3,8	5,4
COP	W/W	4,26	3,91	3,72	3,91	3,57	3,38	3,33
SCOP		4,0	4,0	4,0	4,0	4,0	4,0	4,0
Energy efficiency class	H	A+	A+	A+	A+	A+	A+	A+
Seasonal electricity consumption	kWh/a H	560	699	839	980	1259	1329	1890

SEIYA- R32 Physical data indoor

Indoor unit	Europe	RAS-B05J2KVG-E	RAS-B07J2KVG-E	RAS-B10J2KVG-E	RAS-B13J2KVG-E	RAS-B16J2KVG-E	RAS-B18J2KVG-E	RAS-B24J2KVG-E
Air Flow (h)	m³/h - l/s C	510 - 142	522 - 145	540 - 150	600 - 167	750 - 208	798 - 222	1074 - 298
Air Flow (l)	m³/h - l/s C	234 - 65	234 - 65	240 - 67	264 - 73	330 - 92	480 - 133	666 - 185
Sound pressure level (h/q)	dB(A) C	37/19	38/20	39/21	41/21	43/22	47/27	48/31
Sound power level (h)	dB(A) C	52	53	54	56	58	60	63
Air Flow (h)	m³/h - l/s H	522 - 145	534 - 148	552 - 153	618 - 172	768 - 213	840 - 233	900 - 250
Air Flow (l)	m³/h - l/s H	246 - 68	246 - 68	252 - 70	294 - 82	348 - 97	500 - 139	738 - 205
Sound pressure level (h/q)	dB(A) H	37/19	38/20	39/21	42/21	43/22	48/27	43/31
Sound power level (h)	dB(A) H	52	53	54	57	58	63	58
Dimensions (hwxwd)	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250
Weight	kg	9	9	9	9	10	9	14

SEIYA- R32 Physical data outdoor

Outdoor unit	Europe	RAS-05J2AVG-E	RAS-07J2AVG-E	RAS-10J2AVG-E	RAS-13J2AVG-E	RAS-16J2AVG-E	RAS-18J2AVG-E	RAS-24J2AVG-E
Air Flow (max)	m³/h - l/s C	1800 - 500	1800 - 500	1800 - 500	1980 - 550	2160 - 600	2160 - 600	2220 - 617
Sound pressure level (h)	dB(A) C	46	46	48	48	49	50	55
Sound pressure level (Silent CDU#2)	dB(A) C	42	43	45	46	46	47	51
Sound power level (h)	dB(A) C	61	61	63	63	64	65	70
Sound power level (Silent CDU#2)	dB(A) C	57	58	60	61	61	62	66
Operating range	°C C	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air Flow (max)	m³/h - l/s H	1800 - 500	1800 - 500	1800 - 500	1980 - 550	2160 - 600	2160 - 600	2220 - 617
Sound pressure level (h)	dB(A) H	48	48	50	50	51	52	55
Sound pressure level (Silent CDU#2)	dB(A) H	43	44	46	46	46	48	51
Sound power level (h)	dB(A) H	63	63	65	65	66	67	70
Sound power level (Silent CDU#2)	dB(A) H	58	59	61	61	61	63	66
Operating range	°C H	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Dimensions (hwxwd)	mm	530 x 660 x 240	530 x 660 x 240	530 x 660 x 240	530 x 660 x 240	550x780x290	550x780x290	550x780x290
Weight	kg	22	22	23	24	30	34	38
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Twin Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	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	2	2
Maximum pipe length	m	15	15	15	15	20	20	20
Maximum height difference	m	12	12	12	12	12	12	12
Chargeless pipe length	m	15	15	15	15	15	15	15
Remote controller		WH-UC01NE	WH-UC01NE	WH-UC01NE	WH-UC01NE	WH-UC01NE	WH-UC01NE	WH-UC01NE
Refrigerant charging(R32)	kg	0,4	0,4	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	220-240/1/50	220-240/1/50

C: cooling mode
H: heating mode