

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

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 pressure level (Silent CDU#2)	dB(A)	C	45	46	46	47	51
Sound power level (h)	dB(A)	C	63	63	64	65	70
Sound power level (Silent CDU#2)	dB(A)	C	60	61	61	62	66
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 pressure level (Silent CDU#2)	dB(A)	H	46	46	46	48	51
Sound power level (h)	dB(A)	H	65	65	66	67	70
Sound power level (Silent CDU#2)	dB(A)	H	61	61	61	63	66
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-B16J2KVG-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				

User friendly wireless remote control with innovative commands:

- ▶ **One-Touch User Comfort** parameter pre-set
- ▶ **"8°C" button** for automatic anti-frost during holiday periods
- ▶ **Comfort Sleep** function automatically adjusts the room temperature and the fan speed during the night
- ▶ Weekly timer with 4 freely **programmable** settings per day and 7 different programs per week
- ▶ Capacity **booster** to reach comfort set point very fast
- ▶ Outdoor unit **noise reduction** at night



▶ **HIGH ENERGY CLASS A++/A+++** in cooling and in heating, in warmer zone

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

▶ **PLASMA IONIZER** for healthy and fresh indoor air

▶ **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

▶ **ANTI-CORROSIVE COATINGS** on the outdoor unit

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