

CHOOSE YOUR ADAPTED SYSTEM SOLUTION



		MULTISPLIT INDOOR UNITS							
Indoor Units sizes		05	07	10	13	16	18	22	24
Indoor Units cooling capacity		1.5 kW	2.0 kW	2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
Hi-wall - DAISEIKAI 9 RAS-M**PKVPG-E/TR				•	•	•			
Hi-wall - HAORI RAS-M**N4KVRG-E/TR RAS-B**N4KVRG-E/TR			•	•	•	•			
Hi-wall - SHORAI Edge black or white RAS-B**G3KVS(G)(B)-E/TR		•	•	•	•	•	•	•	•
Hi-wall - SEIYA RAS-B**E2KVG-E/TR		•	•	•	•	•			
Console RAS-B**J2FVG-E/TR			•	•	•		•		
Compact Cassette RAS-M**U2MUVG-E/TR				•	•	•			
Ducted RAS-M**U2DVG-E1/TR			•	•	•	•		•	•

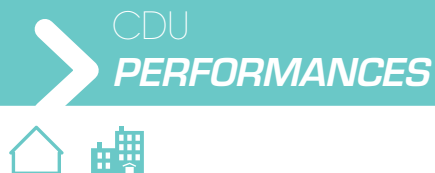
• : Indoor units available sizes

		MULTISPLIT OUTDOOR							
Outdoor Units sizes		05	07	10	13	16	18	22	24
Outdoor units Cooling capacity		1.5 kW	2.0 kW	2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
2 Rooms RAS-2M10G3AVG-E/TR CDU Cooling capacity: 3.3 kW		•	•	•					
2 Rooms RAS-2M14G3AVG-E/TR CDU Cooling capacity: 4.0 kW		•	•	•	•				
2 Rooms RAS-2M18G3AVG-E/TR CDU Cooling capacity: 5.2 kW		•	•	•	•	•			
3 Rooms RAS-3M18G3AVG-E/TR CDU Cooling capacity: 5.2 kW		•	•	•	•	•			
3 Rooms RAS-3M26G3AVG-E/TR CDU Cooling capacity: 7.5 kW		•	•	•	•	•	•	•	•
4 Rooms RAS-4M27G3AVG-E/TR CDU Cooling capacity: 8.0 kW		•	•	•	•	•	•	•	•
5 Rooms RAS-5M34G3AVG-E/TR CDU Cooling capacity: 10.0 kW		•	•	•	•	•	•	•	•

• : Indoor units sizes compatibility with outdoor units

COMPATIBILITIES	2 ROOMS			3 ROOMS		4 ROOMS	5 ROOMS
	RAS-2M10G3AVG-E/TR	RAS-2M14G3AVG-E/TR	RAS-2M18G3AVG-E/TR	RAS-3M18G3AVG-E/TR	RAS-3M26G3AVG-E/TR	RAS-4M27G3AVG-E/TR	RAS-5M34G3AVG-E/TR
IDU sizes							
05	•	•	•	•	•	•	•
07	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•
13		•	•	•	•	•	•
16			•	•	•	•	•
18				•	•	•	•
22					•	•	•
24					•	•	•

• : compatibilities



Performance data

Outdoor unit		2-room Multisplit RAS-2M10G3AVG-E RAS-2M10G3AVG-TR	2-room Multisplit RAS-2M14G3AVG-E RAS-2M14G3AVG-TR	2-room Multisplit RAS-2M18G3AVG-E RAS-2M18G3AVG-TR	3-room Multisplit RAS-3M18G3AVG-E RAS-3M18G3AVG-TR	3-room Multisplit RAS-3M26G3AVG-E RAS-3M26G3AVG-TR	4-room Multisplit RAS-4M27G3AVG-E RAS-4M27G3AVG-TR	5-room Multisplit RAS-5M34G3AVG-E RAS-5M34G3AVG-TR
Cooling capacity	kW	3.3	4.0	5.2	5.2	7.0	8.0	10.0
Cooling capacity (min. - max.)	kW	1.20 - 4.1	1.5 - 4.9	1.6 - 6.5	2.0 - 7.5	2.0 - 9.0	2.0 - 10.0	2.5 - 11.5
Power input	kW C	0.67	0.85	1.20	1.00	1.75	1.90	2.60
EER	W/W	4.93	4.71	4.33	5.20	4.00	4.21	3.85
SEER		8.6	8.7	8.7	8.6	8.5	8.3	7.2
Energy efficiency class	C	A+++	A+++	A+++	A+++	A+++	A++	A++
Heating capacity	kW	4.0	4.4	5.6	6.8	8.7	9.0	12.0
Heating capacity (min. - max.)	kW	1.00 - 4.90	1.00 - 5.20	1.30 - 8.20	1.90 - 8.30	2.0 - 11.5	2.0 - 12.0	2.2 - 14.2
Power input	kW H	0.85	0.90	1.14	1.45	2.00	1.90	2.80
COP	W/W	4.71	4.89	4.91	4.69	4.35	4.74	4.24
SCOP		4.7	4.8	4.8	4.8	4.6	4.5	4.3
Energy efficiency class	H	A++	A++	A++	A++	A++	A+	A+

Physical data outdoor

Outdoor unit		2-room Multisplit RAS-2M10G3AVG-E RAS-2M10G3AVG-TR	2-room Multisplit RAS-2M14G3AVG-E RAS-2M14G3AVG-TR	2-room Multisplit RAS-2M18G3AVG-E RAS-2M18G3AVG-TR	3-room Multisplit RAS-3M18G3AVG-E RAS-3M18G3AVG-TR	3-room Multisplit RAS-3M26G3AVG-E RAS-3M26G3AVG-TR	4-room Multisplit RAS-4M27G3AVG-E RAS-4M27G3AVG-TR	5-room Multisplit RAS-5M34G3AVG-E RAS-5M34G3AVG-TR
Air Flow	m³/h - l/s C	2100-583	1800-500	2600-722	2600-722	3400-944	3400-944	3700-1028
Sound pressure level(r/l)	dB(A) C	47/43	46/41	48/45	48/45	49/43	50/44	52/45
Sound power level	dB(A) C	60	59	61	61	62	63	65
Operating range	°C C	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Air Flow	m³/h - l/s H	2100-583	2250-625	2600-722	2800-778	3700-1028	3700-1028	4400-1222
Sound pressure level(r/l)	dB(A) H	51/46	52/46	50/44	52/46	53/45	54/45	56/47
Sound power level	dB(A) H	64	65	63	65	66	67	69
Operating range	°C H	-20/24	-20/24	-20/24	-20/24	-20/24	-20/24	-20/24
Dimensions (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Weight	kg	31	35	43	44	67	68	78
Compressor type		DC Single Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections - gas		3/8" x 2	3/8" x 2	3/8" x 2	3/8" x 2 + 1/2"x1	3/8" x 1 + 1/2"x2	3/8" x 2 + 1/2"x2	3/8" x 3 + 1/2"x2
Flare connections - liquid		1/4" x 2	1/4" x 2	1/4" x 2	1/4" x 3	1/4" x 3	1/4" x 4	1/4" x 5
Maximum pipe length (per unit/total)	m	15/20	20/30	20/30	25/50	25/ 70	25 / 70	25 / 80
Maximum height difference	m	10	10	10	10	15	15	15
Refrigerant charge	kg	0.8	0.95	1.2	1.25	1.90	2.05	2.39
Chargeless pipe length	m	20	30	30	50	40	40	40
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
-E: European Union
-TR: Turkey

RAS MULTI INDOOR UNITS

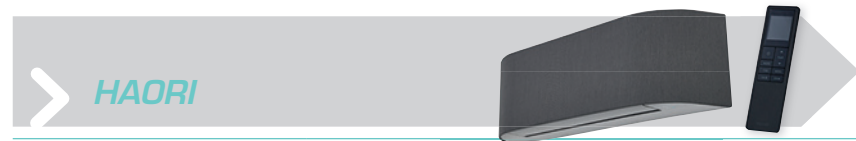
DAISEIKAI 9



- Toshiba indoor air quality with Plasma Air Purifier
- 3D airflow with 6 unique airflow patterns
- Silent operation outdoor unit
- Wireless remote control adaptor inside FCU
- Self-cleaning function / Weekly timer / 8°C button
- Extremely silent operation

Physical data indoor

Indoor unit			RAS-M10PKVPG-E RAS-M10PKVPG-TR	RAS-M13PKVPG-E RAS-M13PKVPG-TR	RAS-M16PKVPG-E RAS-M16PKVPG-TR
Air Flow	m³/h - l/s	C	672 - 187	672 - 187	732-203
Sound pressure level (h/l)	dB(A)	C	42/20	44/20	45/22
Sound power level (h/l)	dB(A)	C	57/35	59/35	60/37
Air Flow	m³/h - l/s	H	726 - 202	726 - 202	744-207
Sound pressure level (h/l)	dB(A)	H	44/20	44/20	46/22
Sound power level (h/l)	dB(A)	H	59/35	60/35	61/37
Dimensions (h x w x d)	mm		293 x 851 x 270	293 x 851 x 270	293 x 851 x 270
Weight	kg		14	14	14
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"



- Truly elegant design featuring a stylish textile fabric cover
- Toshiba Ultra Pure Filter PM 2.5 & Toshiba Plasma Ionizer
- Toshiba HAORI luxury remote control
- Wifi adaptor inside FCU
- Silent operation

Physical data indoor

Indoor unit			RAS-M07N4KVRG-E RAS-M07N4KVRG-TR	RAS-B10N4KVRG-E RAS-B10N4KVRG-TR	RAS-B13N4KVRG-E RAS-B13N4KVRG-TR	RAS-B16N4KVRG-E RAS-B16N4KVRG-TR
Air flow (h)	m³/h - l/s	C	600 - 166	600 - 166	670 - 186	690 - 180
Sound pressure level (h/q)	dB(A)	C	41/19	41/19	43/19	45/21
Sound power level (h)	dB(A)	C	54	54	56	58
Air flow (h)	m³/h - l/s	H	610 - 169	610 - 169	680 - 189	730 - 186
Sound pressure level (h/q)	dB(A)	H	41/19	41/19	43/19	45/22
Sound power level (h)	dB(A)	H	54	54	56	58
Dimensions (h x w x d)	mm		300 x 987 x 210	300 x 987 x 210	300 x 987 x 210	300 x 987 x 210
Weight	kg		11	11	11	12
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"



- Toshiba Ultra Pure Filter PM2.5
- 3D airflow with 6 unique airflow patterns (22k&24k)
- Wifi adaptor inside FCU
- HADA care flow
- Silent operation

Physical data indoor

Indoor unit	White IDU	Black IDU	RAS-M05G3KVSG-E RAS-M05G3KVSG-TR RAS-M05G3KVSGB-E RAS-M05G3KVSGB-TR	RAS-B07G3KVSG-E RAS-M07G3KVSG-TR RAS-B07G3KVSGB-E RAS-M07G3KVSGB-TR	RAS-B10G3KVSG-E RAS-M10G3KVSG-TR RAS-B10G3KVSGB-E RAS-M10G3KVSGB-TR	RAS-B13G3KVSG-E RAS-M13G3KVSG-TR RAS-B13G3KVSGB-E RAS-M13G3KVSGB-TR	RAS-B16G3KVSG-E RAS-M16G3KVSG-TR* RAS-B16G3KVSGB-E RAS-M16G3KVSGB-TR	RAS-B18G3KVSG-E RAS-M18G3KVSG-TR RAS-B18G3KVSGB-E RAS-M18G3KVSGB-TR	RAS-B22G3KVSG-E RAS-M22G3KVSG-TR RAS-B22G3KVSGB-E RAS-M22G3KVSGB-TR	RAS-B24G3KVSG-E RAS-M24G3KVSG-TR RAS-B24G3KVSGB-E RAS-M24G3KVSGB-TR
Air Flow	m³/h - l/s	C	600 - 168	660 - 183	660 - 183	730 - 203	750 - 208	990 - 275	1032 - 286	1120 - 311
Sound pressure level (h/l)	dB(A)	C	37/19	40/19	40/19	43/ 19	44/21	44/26	45/27	47/28
Sound power level (h/l)	dB(A)	C	50/32	53/32	53/32	56/32	57/34	57/39	58/40	60/41
Air Flow	m³/h - l/s	H	600 - 168	660 - 183	660 - 183	730 - 203	760 - 211	990 - 275	1080 - 300	1140 - 316
Sound pressure level (h/l)	dB(A)	H	37/19	40/19	40/19	43/19	44/22	44/26	46/27	48/28
Sound power level (h)	dB(A)	H	50/32	53/32	53/32	56/32	57/35	57/39	59/40	61/41
Dimensions (h x w x d)	mm		293x800x226	293x800x226	293x800x226	293x800x226	293x800x226	320x1053x245	320x1053x245	320x1053x245
Weight	kg		9	10	10	10	10	14	14	14
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"	1/2" - 1/4"



- Elegant compact design
- Toshiba Ultra Fresh Filter PM2.5
- WiFi adaptor inside FCU
- Silent operation

Physical data indoor

Indoor unit			RAS-B05E2KVG-E RAS-M05E2KVG-TR	RAS-B07E2KVG-E RAS-M07E2KVG-TR	RAS-B10E2KVG-E RAS-M10E2KVG-TR	RAS-B13E2KVG-E RAS-M13E2KVG-TR	RAS-B16E2KVG-E RAS-M16E2KVG-TR
Air flow	m³/h - l/s	C	480 - 134	500 - 140	510 - 142	540 - 150	750 - 208
Sound pressure level (h/q)	dB(A)	C	37/19	38/19	39/19	41/20	43/21
Sound power level (h)	dB(A)	C	50	51	52	54	56
Air flow	m³/h - l/s	H	480 - 134	500 - 140	510 - 144	560 - 158	760 - 212
Sound pressure level (h/q)	dB(A)	H	37/19	38/19	39/20	42/20	43/22
Sound power level (h)	dB(A)	H	50	51	52	55	56
Dimensions (h x w x d)	mm		288 x 770 x 225	288 x 770 x 225	288 x 770 x 225	288 x 770 x 225	293 x 798 x 230
Weight	kg		9	9	9	9	10
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"

C: cooling mode
H: heating mode

INDOOR UNITS

CONSOLE



- Bi-flow air delivery system (floor heating)
- Silent operation outdoor unit
- Wireless remote control
- R32 refrigerant gas sensor accessory inside FCU (RB-I301-E)

Physical data indoor

Indoor unit			RAS-M07J2FVG-E	RAS-B10J2FVG-E RAS-M10J2FVG-TR	RAS-B13J2FVG-E RAS-M13J2FVG-TR	RAS-B18J2FVG-E RAS-M18J2FVG-TR
Air Flow	m ³ /h - l/s	C	490 - 136	492 - 136	528 - 146	600 - 167
Sound pressure level (h/l)	dB(A)	C	39/23	39/23	40/24	46/31
Sound power level (h/l)	dB(A)	C	52/36	52/36	53/37	59/44
Air Flow	m ³ /h - l/s	H	490 - 136	492 - 136	552 - 153	660 - 183
Sound pressure level (h/l)	dB(A)	H	39/23	39/23	40/24	47/31
Sound power level (h/l)	dB(A)	H	52/36	52/36	53/37	60/44
Dimensions (h x w x d)	mm		600 x 700 x 220	600 x 700 x 220	600 x 700 x 220	600 x 700 x 220
Weight	kg		16	16	16	16
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"

C: cooling mode
H: heating mode

COMPACT CASSETTE



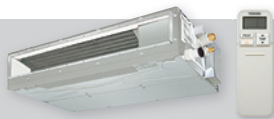
- 4 way air diffusion grille
- Elegant Flat Panel modern design & Compact dimensions to suit 600x600mm grid ceilings
- Wired or Wireless remote control / Occupancy sensor option
- Individual louver control / Dual & cycle swing
- Condensate drain pump included (up to 850mm height)

Physical data indoor

Indoor unit			RAS-M10U2MUVG-E RAS-M10U2MUVG-TR	RAS-M13U2MUVG-E RAS-M13U2MUVG-TR	RAS-M16U2MUVG-E RAS-M16U2MUVG-TR
Air flow (h/l)	m ³ /h	C	590/430	620/430	680/450
Sound pressure level (h/l)	dB(A)	C	37/30	38/30	41/31
Sound power level	dB(A)	C	52/45	53/45	56/46
Air flow (h/l)	m ³ /h	H	590/430	620/430	680/450
Sound pressure level (h/l)	dB(A)	H	37/30	38/30	41/31
Sound power level	dB(A)	H	52/45	53/45	56/46
Dimensions (h x w x d)	mm		256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
Weight	kg		15	15	15
Flare connections (gas - liquid)			3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"

C: cooling mode
H: heating mode

DUCTED



- Slim unit (only 210mm height)
- Adjustable external static pressure
- Condensate drain pump included (up to 350mm height)
- Air filters in option

Indoor unit			RAS-M07U2DVG-E RAS-M07U2DVG-TR	RAS-M10U2DVG-E RAS-M10U2DVG-TR	RAS-M13U2DVG-E RAS-M13U2DVG-TR	RAS-M16U2DVG-E RAS-M16U2DVG-TR	RAS-M22U2DVG-E RAS-M22U2DVG-TR	RAS-M24U2DVG-E RAS-M24U2DVG-TR
Air flow (h/l)	m ³ /h	C	570 / 380	570 / 380	610 / 385	780 / 420	1000/740	1060/760
Sound pressure level (h/l) *1	dB(A)	C	35 / 27	35 / 27	37 / 27	35 / 24	38/32	39/33
Sound power level (h/l) *1	dB(A)	C	50 / 42	50 / 42	52 / 42	50 / 39	53/47	54/48
Air flow (h/l)	m ³ /h - l/s	H	570 / 380	570 / 380	610 / 385	780 / 450	1000/740	1060/760
Sound pressure level (h/l) *1	dB(A)	H	35 / 27	35 / 27	37 / 27	35 / 25	38/32	39/33
Sound power level (h/l) *1	dB(A)	H	50 / 42	50 / 42	52 / 42	50 / 40	53/47	54/48
Dimensions (h x w x d)	mm		210 x 700 x 450	210 x 700 x 450	210 x 700 x 450	210 x 900 x 450	210 x 1100 x 450	210 x 1100 x 450
Weight	kg		16	16	16	19	22	22
Flare connections (gas - liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
External static pressure (stand / middle1 / middle2 / upper)	Pa		10 / 20 / 35 /45	10 / 20 / 35 /45	10 / 20 / 35 /45	10 / 20 / 35 /45	10 / 20 / 35 /45	10 / 20 / 35 /45

C: cooling mode
H: heating mode
*1: Back in Take. External static pressure 35Pa.

OPTIONAL



Wireless
Weekly Remote control

RB-RXS33-E
for SEIYA



Wall mounted
Weekly Remote control
(Cassette & Duct only)

RB-RWS21-E