


DAISEIKAI 9

SHORAI

SEIYA

CONSOLE


ADVANCED TECHNOLOGY AVAILABLE WITH R32 REFRIGERANT

> RESIDENTIAL AIR-TO-AIR

TOSHIBA Home AC Control

Take complete control of your comfort with the Toshiba Home AC Control App. Simple to use on your smartphone or tablet, both at home and on the move. Fully compatible, the adapter can be used with all Toshiba High-walls and Console units..

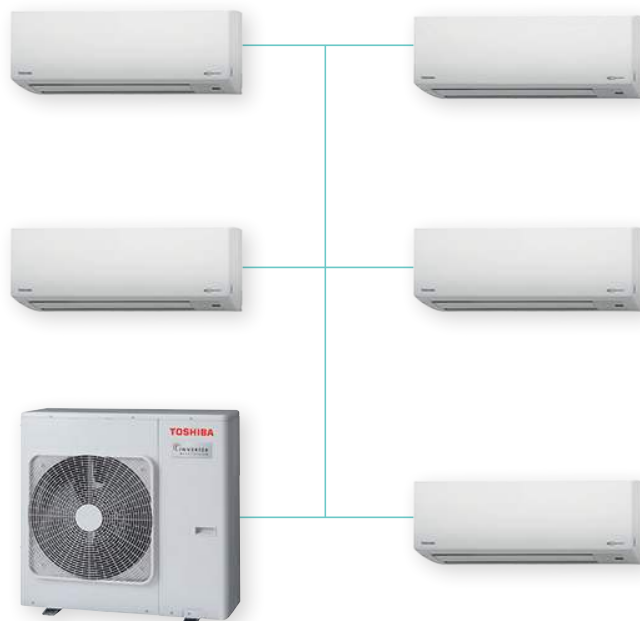


MULTISPLIT



Comfort & flexibility

- Toshiba Inverter multi-split systems feature higher standards of indoor air quality, sound levels and environmental awareness. Special attention has been dedicated to night-time comfort, with the improvement of the silent operation mode, available in indoor units.
- One outdoor unit can serve up to five indoor units for exceptional flexibility and reliability. Toshiba Inverter multi system outdoor units are lightweight and compact. Just one outdoor unit takes up little space on a wall or in a yard. It keeps the exterior of buildings neat with quieter operation. Choose from four types of indoor units, high-wall, ducted, compact 4-way cassette and console type to suit any application.



High quality & savings

- Toshiba high-quality multi-split systems contribute to drastically reducing operating costs and increasing energy efficiency. The multi-split outdoor unit achieves efficiency in partial load conditions where the Toshiba inverters deliver their best performance. Toshiba's new super-efficient DC twin-rotary compressor enables top-class performance at low energy Consumption (SEER up to 6.90 & SCOP up to 4.60). With this efficient unit, operating costs decrease dramatically, compared to other multi-split systems.
- Toshiba solutions are studied and verified in every tiny element and are recognised universally by air conditioning professionals for their total reliability. In fact, for Toshiba quality has always been a priority and today and into the future, the quality of Toshiba products will continue to differentiate us from other manufacturers.



Fast and precise temperature management, with Toshiba Twin-rotary Inverter compressors.

MULTISPLIT INVERTER R32 & R410A

Luxury through technology in RAS multi-split inverter systems

- From 2 to 5 rooms with high efficiency product.
- Just one outdoor unit can serve up to five indoor rooms.
- Wide choice of internal units: high-walls, cassettes, duct-type and/or console.
- Compressor DC Twin-Rotary on the whole range.
- Large operating map down to -20°C in heating mode and up to +46°C in cooling.
- Up to 80 meters of frigorific connections for any installation type.
- Full line up available with R32 or R410A.

Space saving & silent

- Toshiba multi-split inverter system outdoor units are lightweight and compact. Just one outdoor unit takes up little space on a wall or in a yard. It keeps the exterior of buildings looking neat and offers quiet operating noise levels.

INDOOR UNITS



IDU (Bi-refrigerant)
DAISEIKAI 9
SHORAI EDGE
SEIYA

CONSOLE
DUCT
Compact CASSETTE

OUTDOOR UNITS



R32
RAS-2M10U2AVG-E
RAS-2M14U2AVG-E
RAS-2M18U2AVG-E
RAS-3M18U2AVG-E

R32
RAS-3M26U2AVG-E
RAS-4M27U2AVG-E
RAS-5M34U2AVG-E

CONTROLS



Wireless remote controls

Weekly remote control optional

Wired remote control (Cassette & Duct only)



MAX EFFICIENCY



SEER 6.90

CAPACITY



4kW > 10kW

OPERATION



-20°C > +46°C

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 kW	2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
Hi-wall - DAISEIKAI 9 R32 & R410A RAS-M**PKVSG-E/TR				•	•	•			
Hi-wall - SHORAI Edge R32 & R410A RAS-B**J2KVSG-E/TR		•	•	•	•	•		•	•
Hi-wall - SHORAI R32 & R410A RAS-M/B**PKVSG-E/TR		•	•	•	•	•		•	•
Hi-wall - SEIYA R32 & R410A RAS-B**J2KVG-E/TR		•	•	•	•	•			
Console R32 & R410A RAS-B**J2FVG-E/TR				•	•		•		
New Compact Cassette R32 & R410A RAS-M**U2MUVG-E/TR				•	•	•			
Ducted R32 & R410A RAS-M**U2DVG-E/TR			•	•	•	•		•	•

• : Indoor units available sizes

		MULTISPLIT OUTDOOR							
Indoor Units sizes		05	07	10	13	16	18	22	24
Indoor units cooling capacity		1.5 kW	2 kW	2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
2 Rooms R32 RAS-2M10U2AVG-E/TR CDU Cooling capacity: 3.3 kW		•	•	•					
2 Rooms R32 RAS-2M14U2AVG-E/TR CDU Cooling capacity: 4,0 kW		•	•	•	•				
2 Rooms R32 RAS-2M18U2AVG-E/TR CDU Cooling capacity: 5,2 kW		•	•	•	•	•			
3 Rooms R32 RAS-3M18U2AVG-E/TR CDU Cooling capacity: 5,2 kW		•	•	•	•	•			
3 Rooms R32 RAS-3M26U2AVG-E/TR CDU Cooling capacity: 7.5 kW		•	•	•	•	•	•	•	•
4 Rooms R32 RAS-4M27U2AVG-E/TR CDU Cooling capacity: 8.0 kW		•	•	•	•	•	•	•	•
5 Rooms R32 RAS-5M34U2AVG-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-2M10U2AVG-E/TR	RAS-2M14U2AVG-E/TR	RAS-2M18U2AVG-E/TR	RAS-3M18U2AVG-E/TR	RAS-3M26U2AVG-E/TR	RAS-4M27U2AVG-E/TR	RAS-5M34U2AVG-E/TR
IDU sizes							
05	•	•	•	•	•	•	•
07	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•
13		•	•	•	•	•	•
16			•	•	•	•	•
18					•	•	•
22					•	•	•
24					•	•	•

• : compatibilities

CDU PERFORMANCES



Performance data

Outdoor unit		2-room Multisplit RAS-2M10U2AVG-E RAS-2M10U2AVG-TR	2-room Multisplit RAS-2M14U2AVG-E RAS-2M14U2AVG-TR	2-room Multisplit RAS-2M18U2AVG-E RAS-2M18U2AVG-TR	3-room Multisplit RAS-3M18U2AVG-E RAS-3M18U2AVG-TR	3-room Multisplit RAS-3M26U2AVG-E RAS-3M26U2AVG-TR	4-room Multisplit RAS-4M27U2AVG-E RAS-4M27U2AVG-TR	5-room Multisplit RAS-5M34U2AVG-E RAS-5M34U2AVG-TR
Cooling capacity	kW	3.3	4.0	5.2	5.2	7.5	8.0	10.0
Cooling capacity (min. - max.)	kW	1.25 - 3.9	1.6 - 4.9	1.7 - 6.2	2.4 - 6.5	4.1 - 9.0	4.2 - 9.3	3.7 - 11.0
Power input	kW C	0.76	0.92	1.34	1.17	2.00	2.29	2.98
EER	W/W	4.35	4.35	3.88	4.44	3.75	3.50	3.36
SEER		6.73	6.73	6.90	6.8	6.19	6.11	6.31
Energy efficiency class	C	A++	A++	A++	A++	A++	A++	A++
Heating capacity	kW	4.0	4.4	5.6	6.8	9.0	9.0	12.0
Heating capacity (min. - max.)	kW	1.00 - 4.90	1.30 - 5.20	1.30 - 7.50	1.90 - 8.00	2.0 - 11.2	2.9 - 11.7	2.7 - 14.0
Power input	kW H	0.81	0.89	1.19	1.58	2.20	1.93	2.83
COP	W/W	4.94	4.94	4.71	4.30	4.09	4.67	4.24
SCOP		4.60	4.60	4.60	4.60	4.44	4.26	4.08
Energy efficiency class	H	A++	A++	A++	A++	A+	A+	A+

Physical data outdoor

Outdoor unit		2-room Multisplit RAS-2M10U2AVG-E RAS-2M10U2AVG-TR	2-room Multisplit RAS-2M14U2AVG-E RAS-2M14U2AVG-TR	2-room Multisplit RAS-2M18U2AVG-E RAS-2M18U2AVG-TR	3-room Multisplit RAS-3M18U2AVG-E RAS-3M18U2AVG-TR	3-room Multisplit RAS-3M26U2AVG-E RAS-3M26U2AVG-TR	4-room Multisplit RAS-4M27U2AVG-E RAS-4M27U2AVG-TR	5-room Multisplit RAS-5M34U2AVG-E RAS-5M34U2AVG-TR
Air flow	m³/h - l/s C	1863-517	1863-517	2107-585	2177-605	2507-696	2507-696	3245-901
Sound pressure level	dB(A) C	45	45	47	49	48	48	52
Sound power level	dB(A) C	58	58	60	62	63	63	66
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	1863-517	1863-517	2038-566	2107-585	2507-696	2507-696	3666-1018
Sound pressure level	dB(A) H	46	46	50	50	49	49	55
Sound power level	dB(A) H	59	59	63	63	64	64	68
Operating range	°C H	-20/24	-20/24	-20/24	-20/24	-15/24	-15/24	-15/24
Dimensions (HxWxD)	mm	630 x 800 x 300	630 x 800 x 300	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	38	43	45	46	72	72	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		1/4" x 2	1/4" x 2	1/4" x 2	1/4" x 2	3/8" x 1 + 1/2"x2	3/8" x 2 + 1/2"x2	3/8" x 3 + 1/2"x2
Flare connections - liquid		3/8" x 2	3/8" x 2	3/8" x 2	3/8" x 2 + 1/2"x1	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	0.85	1.02	1.02	1.05	1.92	1.92	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

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- 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	672 - 187
Sound pressure level (h/l)	dB(A)	C	42/20	43/20	44/23
Sound power level (h/l)	dB(A)	C	57	58	59
Air flow	m³/h - l/s	H	726 - 202	726 - 202	642 - 178
Sound pressure level (h/l)	dB(A)	H	44/20	44/20	45/23
Sound power level (h/l)	dB(A)	H	59	59	60
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"

SHORAI EDGE



- 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			RAS-M05J2KVSG-E RAS-M05J2KVSG-TR	RAS-B07J2KVSG-E RAS-M07J2KVSG-TR	RAS-B10J2KVSG-E RAS-M10J2KVSG-TR	RAS-B13J2KVSG-E RAS-M13J2KVSG-TR	RAS-B16J2KVSG-E RAS-M16J2KVSG-TR	RAS-B16J2KVSG-E RAS-M16J2KVSG-TR	RAS-B16J2KVSG-E RAS-M16J2KVSG-TR
Air Flow	m³/h - l/s	C	606 - 168	660 - 183	660 - 183	732 - 203	750 - 208	750 - 208	750 - 208
Sound pressure level (h/l)	dB(A)	C	37/22	40/22	40/22	43/23	44/25	44/25	44/25
Sound power level (h/l)	dB(A)	C	50/35	53/35	53/35	56/36	57/38	57/38	57/38
Air Flow	m³/h - l/s	H	606 - 168	660 - 183	660 - 183	732 - 203	768 - 213	768 - 213	768 - 213
Sound pressure level (h/l)	dB(A)	H	37/22	40/22	40/22	43/23	44/26	44/26	44/26
Sound power level (h)	dB(A)	H	50/35	53/35	53/35	56/36	57/39	57/39	57/39
Dimensions (h x w x d)	mm		293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226
Weight	kg		10	10	10	10	10	10	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"	1/2" - 1/4"	1/2" - 1/4"

SEIYA



- Elegant compact design
- Self-cleaning function
- Silent operation

Physical data indoor

Indoor unit			RAS-B05J2KVG-E RAS-M05J2KVG-TR	RAS-B07J2KVG-E RAS-M07J2KVG-TR	RAS-B10J2KVG-E RAS-M10J2KVG-TR	RAS-B13J2KVG-E RAS-M13J2KVG-TR	RAS-B16J2KVG-E RAS-M16J2KVG-TR
Air Flow	m³/h - l/s	C	510 - 142	522 - 145	540 - 150	600 - 167	750 - 208
Sound pressure level (h/l)	dB(A)	C	37/22	38/23	39/24	41/24	43/25
Sound power level (h/l)	dB(A)	C	52/37	53/38	54/39	56/39	58/40
Air Flow	m³/h - l/s	H	522 - 145	534 - 148	552 - 153	618 - 171	768 - 213
Sound pressure level (h/l)	dB(A)	H	37/22	38/23	39/24	42/24	43/25
Sound power level (h/l)	dB(A)	H	52/37	53/38	54/39	57/39	58/40
Dimensions (h x w x d)	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
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-B10J2FVG-E RAS-M10J2FVG-TR	RAS-B13J2FVG-E RAS-M13J2FVG-TR	RAS-B18J2FVG-E RAS-M18J2FVG-TR
Air Flow	m³/h - l/s	C	468 - 130	510 - 142	600 - 167
Sound pressure level (h/l)	dB(A)	C	39/23	40/24	46/31
Sound power level (h/l)	dB(A)	C	54/38	55/39	60/46
Air Flow	m³/h - l/s	H	510 - 142	552 - 153	642 - 178
Sound pressure level (h/l)	dB(A)	H	39/23	40/24	46/31
Sound power level (h/l)	dB(A)	H	54/38	55/39	60/46
Dimensions (h x w x d)	mm		600 x 700 x 220	600 x 700 x 220	600 x 700 x 220
Weight	kg		16	16	16
Flare connections (gas-liquid)			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)	m³/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)	m³/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)	m³/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)	m³/h	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