

TOSHIBA

MULTISPLIT SYSTEM

Comfort and serenity
for homes and businesses



MULTISPLIT

Surpassing your expectations
has always been at the heart
of everything we do



Our goal is to ensure you can enjoy comfort and peace of mind at all times by offering you products at the leading edge of innovation.

The Toshiba Multisplit system is a solution that helps respect the environment, providing simple and effective multi-room comfort for all types of home, all year-round. With just one outdoor unit, this system is not only easy to conceal, it also significantly reduces noise levels for a quieter environment.



Today the process of cooling and heating residential premises is not the sole challenge. Global warming is an issue that affects us all and Toshiba R32 refrigerant is ranking the decarbonisation of buildings as a top priority. Toshiba air conditioners benefit from R32 refrigerant, to help achieve this goal, whilst also preserving comfort and energy efficiency.

NEW INDOOR UNITS

Smart residential solutions for cooling and heating up to 5 rooms

With their discreet look, their flowing lines, simple curves and backlit finishing, the new Toshiba Air Conditioning indoor units are truly a high-tech decorative ornament. Their harmonious design and highly compact sizes blend into any home decor.

DAISEIKAI™ 9

Choose excellence in comfort with DAISEIKAI 9 and enjoy peace of mind at all times

- Premium indoor air quality with Plasma Ion charger filter and self-cleaning coil
- 3D smart airflow system
- Quiet indoor unit down to 20dB(A)



HAORI™

The ultimate combination of highly customizable design and comfort

- Fabrics easy to dress, just peel and stick
- Quiet indoor unit down to 19 dB(A)
- Premium air quality thanks to the active filter of the Plasma Ionizer, the Ultra Pure filter and the Magic coil
- Integrated Wifi interface for remote control

SHORAI™ EDGE

Beautify your interior with a new stylish, contemporary design

- Quiet indoor unit down to 19dB(A)
- Smart airflow diffusion with HADA Care flow function
- Premium indoor air quality with Ultra Pure filter



SEIYA™

The very essence of comfort and efficiency in a modern and fresh design

- Year-round comfort with flowing lines and glossy finishing
- Quiet indoor unit down to 19 dB(A)
- Premium indoor air quality with Ultra Fresh filter



DUCT

A highly flexible solution for invisible installation, with no compromise on comfort

- Slim and compact design, just 210mm height
- Ducted for hidden and silent operation
- 4-step external static pressure adjustment (up to 45Pa)



CONSOLE

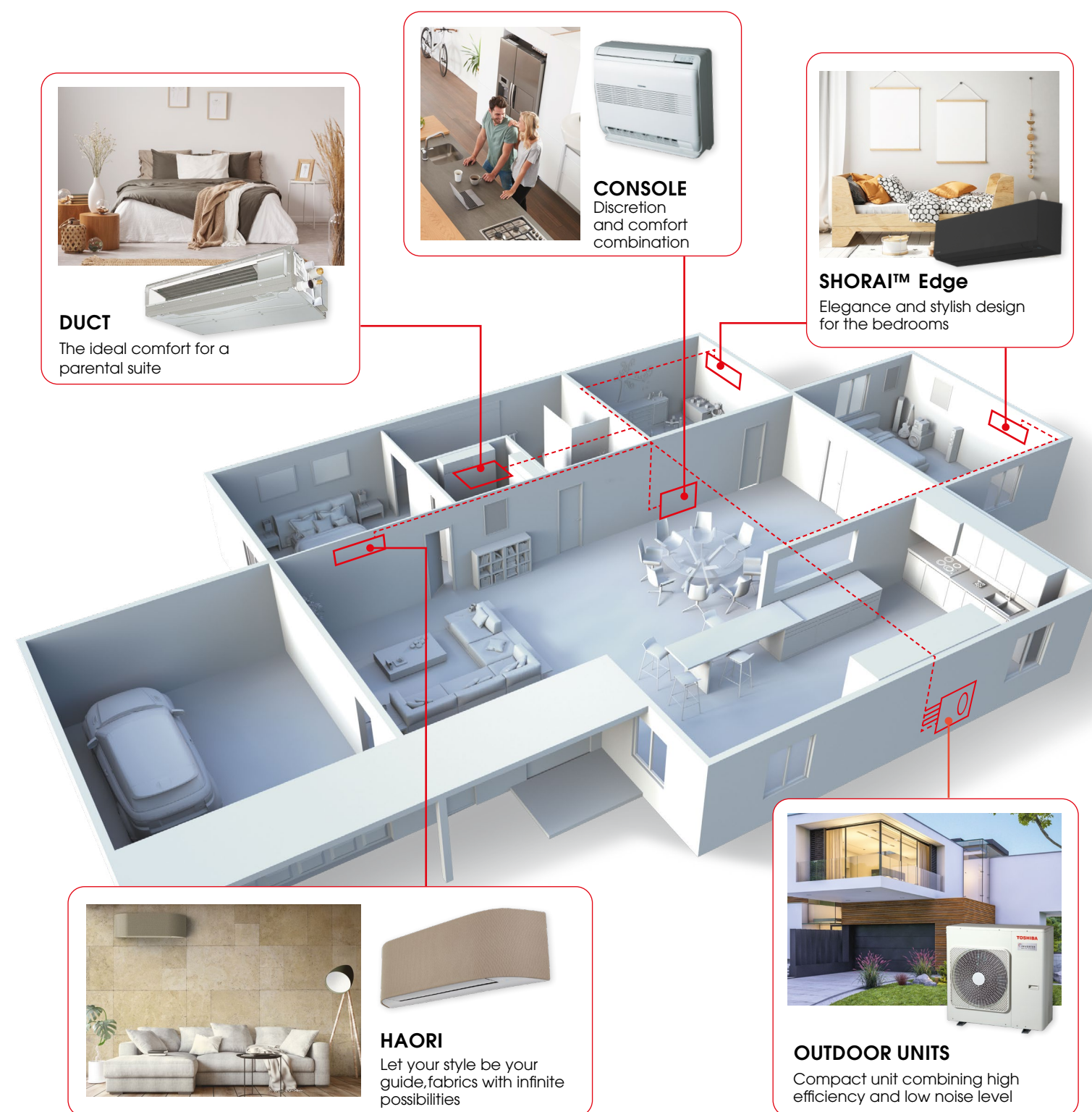
A unique, flexible comfort solution for excellent heating and cooling

- Premium air quality with IAQ filtering solutions
- Bi-flow system with floor heating mode
- Refrigerant Leak Detection for improved flexibility in installation



ENHANCED FLEXIBILITY

Our premium solutions for large residential applications



FLEXIBLE SOLUTIONS



COMPACT CASSETTE

This is the light commercial solution for advanced air control and discreet design.

- A compact panel that fits perfectly into a 620x620mm ceiling grid T-bar and a slim chassis 650mm height adapted to ceilings with restricted void spaces.
- Panel is just 10mm depth, elegant design that blends seamlessly into any surroundings.
- Louvers that close completely when the IDU is off, for maximum discretion.
- Each louver can be set separately to optimise airflow diffusion in four directions.
- Integrated infrared receiver and motion sensor (optional) for hassle-free operation.

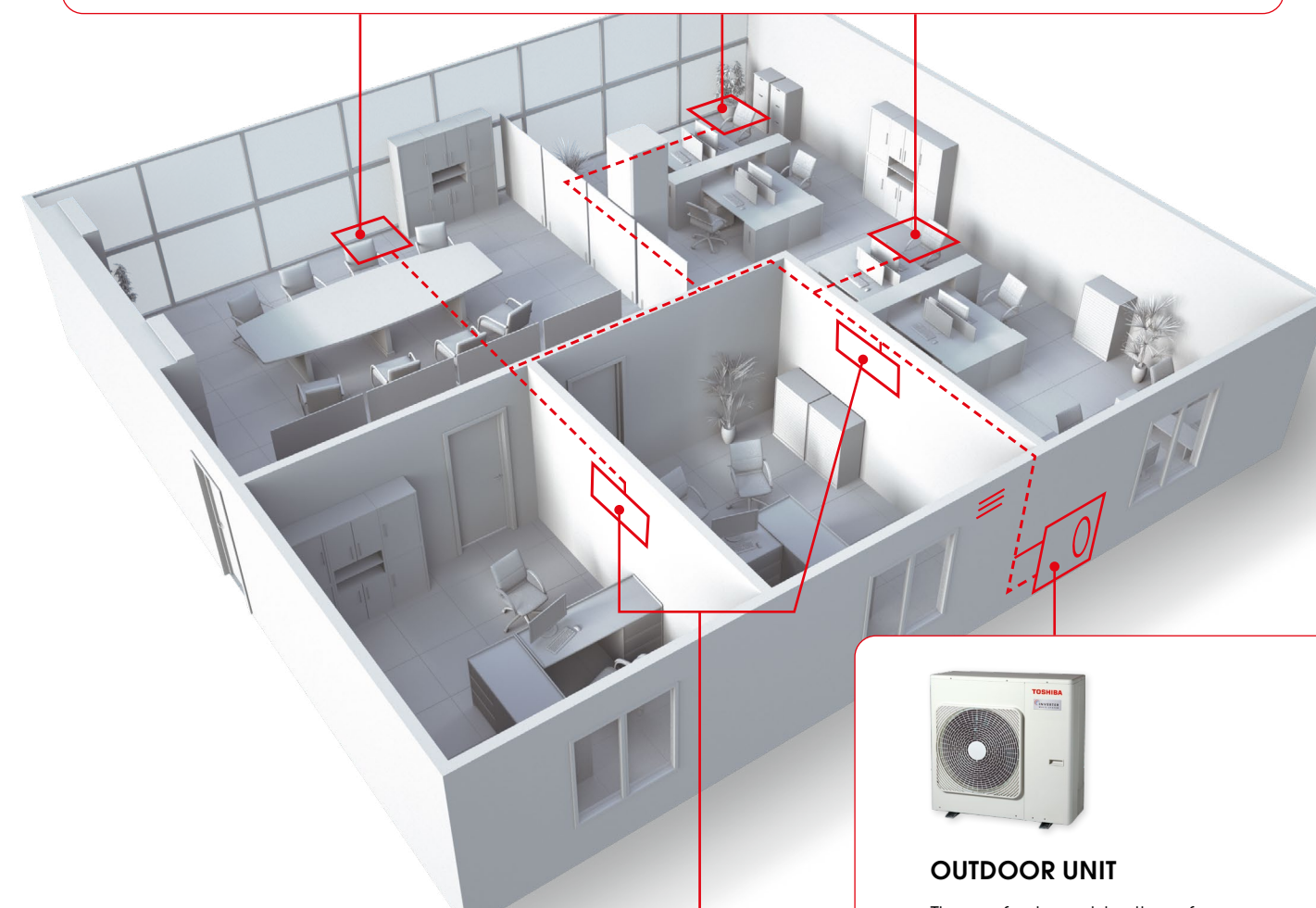


The height of efficiency and simplicity meeting the needs of **light commercial applications**



COMPACT CASSETTE

An elegant and discreet design for all work areas



OUTDOOR UNIT

The perfect combination of performances and reliability



SEIYA

Visual and acoustic discretion, ideal for individual offices



TREAT YOURSELF TO JAPANESE QUALITY

Design and reliability

Innovation, efficiency, high reliability, energy savings, respect for the environment... These powerful values are at the heart of everything we do at Toshiba Air Conditioning.

For over 50 years, Toshiba Air Conditioning has been providing its clients with the precision and expertise of flawless Japanese quality.



Innovative inverter technology

Toshiba innovative rotary compressor technology combines exemplary performance with outstanding reliability. Minimising fluctuations to ensure a constant temperature, it increases efficiency while eliminating the risk of incidental noise.

Toshiba inverter technology allows the systems to regulate heating and cooling capacity at all times, by adjusting the compressor speed to match the demand.



COMMITTED TO EFFICIENCY & COMFORT



Compact outdoor unit

With one compact outdoor unit for up to 5 rooms, Multisplit systems are the height of flexibility, reliability, and discretion.

High performance A+++*

Toshiba Air Conditioning high-quality solutions drastically reduce operating costs compared to other multi-split systems. Energy efficiency is increased, even under part load conditions where Toshiba inverter technologies deliver their best results with outstanding low energy consumption (SEER up to 8.7 & SCOP up to 4.8).

2M10 / 2M14 for 2-room system

Specifically designed for applications where space is key, the 2M10 and 2M14 are well adapted to apartments and small homes. Despite its very compact size, there is no compromise on efficiency, boasting an impressive A+++ / A++ rating. This solution is also particularly quiet, down to 41dB(A), preserving the tranquility of the neighborhood. With its wide operating range from -20°C to +46°C, the 2M10 and 2M14 generate maximum savings all year-round.



(*) The energy efficiency class range of this product category is from D to A+++.

WIRELESS SOLUTIONS FOR WELL-BEING ON DEMAND

Designed to maximize your comfort, Toshiba Air Conditioning offers remote functions that make everyday life simpler



DAISEIKAI 9

Performance and well-being

- Plasma ion charger
- Weekly programming
- Silent outdoor unit mode
- Frost protection mode
- 3D airflow
- Backlit screen



SHORAI Edge Black & White

Smart and agile

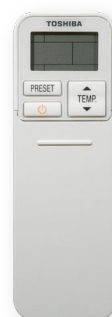
- Magnetic wall-mounted holder
- Silent outdoor unit mode
- Frost protection mode
- 3D airflow
- Backlit screen



HAORI

Design and intuitive

- Magnetic wall-mounted holder
- Plasma ionizer active filter
- Silent outdoor unit mode
- Frost protection mode
- 3D airflow
- Backlit screen



SEIYA

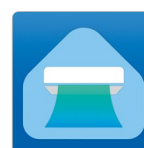
Functional and ergonomic

- Silent outdoor unit mode
- Quiet indoor unit mode
- Timer On/Off functions
- Frost protection mode
- Wired connection possibility
- Comfort sleep functions

MAKE YOUR AIR CONDITIONER SMART

Enhance your comfort
at home or away

Customise your comfort, finding the perfect cooling or heating level for your family at any time, no matter where you are. When at home, take advantage of the embedded wireless adapter and its intuitive app.



- Energy monitoring
- Smart speaker voice control functions compatible with Google Home Assistant & Amazon Alexa



WIRED CONTROL SOLUTION FOR EXCELLENT COMFORT YEAR-ROUND



WALL MOUNTED CONTROL FOR DUCT AND CASSETTE

- Remote temperature sensor for accurate room temperature control
- Energy saving mode
- Quiet mode
- Specific for cassette: louver swing modes, individual louver position control
- Schedule timer: up to 8 different settings for ON/OFF operation. The temperature can be programmed with the schedule timer

CASSETTE SPECIFIC CONTROL OPTIONS

The compact cassette is an innovative product developed specifically for light commercial and business applications. Benefit from Toshiba Air Conditioning expertise in design, construction and control dedicated to optimum comfort.

Smart control

Infrared remote control

Optional infrared remote control for up to four indoor units. It is compatible with standard receiver remote controls and can be installed in the ceiling panel corner pockets.



Occupancy sensor

This optional intelligent function detects presence in the room, activating the units only when necessary, thereby helping you to reduce costs and save energy.



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
Airflow (h)	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
Airflow (h)	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 (hwxwd)	mm		293x851x270	293x851x270	293x851x270
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

HAORI

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
Airflow (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
Airflow (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 (hwxwd)	mm		300x987x210	300x987x210	300x987x210	300x987x210
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
- Wifi adaptor inside FCU
- HADA care flow
- Silent operation

SHORAI™ Edge

Physical data indoor

Indoor unit	White IDU		RAS-M 05G3KVS	RAS-B07G3KVS	RAS-B10G3KVS	RAS-B13G3KVS	RAS-B16G3KVS	RAS-B18G3KVS	RAS-B22G3KVS	RAS-B24G3KVS
	Black IDU		G3KVS	G3KVS	G3KVS	G3KVS	G3KVS	G3KVS	G3KVS	G3KVS
Airflow (h)	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
Airflow (h)	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 (hwxwd)	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 as an option
- Silent operation

SEIYA

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
Airflow (h)	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
Airflow (h)	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 (hwxwd)	mm		288x770x225	288x770x225	288x770x225	288x798x230	293x798x230
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

TOSHIBA



CONSOLE

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
Airflow (h)	m³/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
Airflow (h)	m³/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 (hwxwd)	mm		600x700x220	600x700x220	600x700x220	600x700x220
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

Physical data indoor

Indoor unit			RAS-M10U2MUVG-E RAS-M10U2MUVG-TR	RAS-M13U2MUVG-E RAS-M13U2MUVG-TR	RAS-M16U2MUVG-E RAS-M16U2MUVG-TR
Airflow (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
Airflow (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 (hwxwd)	mm		256x575x575	256x575x575	256x575x575
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

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
Airflow (h/l)	m³/h	570 / 380	570 / 380	610 / 385	780 / 420	1000/740	1060/760
Sound pressure level (h/l) *1	dB(A)	35 / 27	35 / 27	37 / 27	35 / 24	38/32	39/33
Sound power level (h/l) *1	dB(A)	50 / 42	50 / 42	52 / 42	50 / 39	53/47	54/48
Airflow (h/l)	m³/h - l/s	570 / 380	570 / 380	610 / 385	780 / 450	1000/740	1060/760
Sound pressure level (h/l) *1	dB(A)	35 / 27	35 / 27	37 / 27	35 / 25	38/32	39/33
Sound power level (h/l) *1	dB(A)	50 / 42	50 / 42	52 / 42	50 / 40	53/47	54/48
Dimensions (hwxwd)	mm	210×700×450	210×700×450	210×700×450	210×900×450	210×1100×450	210×1100×450
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 air intake. External static pressure 35Pa.

OPTIONAL

Wireless

Weekly Remote Control
(Seiya)

RB-RXS33-E



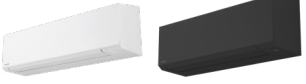
Wall mounted

Weekly Remote Control
(Cassette & Duct only)

RB-RWS21-E



SYSTEM COMBINATIONS PATTERNS

		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-M/B**G3KVG(B)-E/TR		●	●	●	●	●	●	●	●
Hi-wall - SEIYA RAS-B**E2KVG-E/TR		●	●	●	●	●			
Console RAS-M/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 <i>CDU cooling capacity: 3.3 kW</i>		●	●	●					
2 Rooms RAS-2M14G3AVG-E/TR <i>CDU cooling capacity: 4.0 kW</i>		●	●	●	●				
2 Rooms RAS-2M18G3AVG-E/TR <i>CDU cooling capacity: 5.2 kW</i>		●	●	●	●	●			
3 Rooms RAS-3M18G3AVG-E/TR <i>CDU cooling capacity: 5.2 kW</i>		●	●	●	●	●			
3 Rooms RAS-3M26G3AVG-E/TR <i>CDU cooling capacity: 7.0 kW</i>		●	●	●	●	●	●	●	●
4 Rooms RAS-4M27G3AVG-E/TR <i>CDU cooling capacity: 8.0 kW</i>		●	●	●	●	●	●	●	●
5 Rooms RAS-5M34G3AVG-E/TR <i>CDU cooling capacity: 10.0 kW</i>		●	●	●	●	●	●	●	●

● : indoor units sizes compatibility with outdoor units

C: cooling mode
H: heating mode

CDU PERFORMANCES

Performance data

Outdoor unit			2-room Multisplit	2-room Multisplit	2-room Multisplit	3-room Multisplit	3-room Multisplit	4-room Multisplit	5-room Multisplit
			RAS-2M10G3AVG-E	RAS-2M14G3AVG-E	RAS-2M18G3AVG-E	RAS-3M18G3AVG-E	RAS-3M26G3AVG-E	RAS-4M27G3AVG-E	RAS-5M34G3AVG-E
			RAS-2M10G3AVG-TR	RAS-2M14G3AVG-TR	RAS-2M18G3AVG-TR	RAS-3M18G3AVG-TR	RAS-3M26G3AVG-TR	RAS-4M27G3AVG-TR	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	D → A+++ ⁽¹⁾	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	D → A+++ ⁽¹⁾	H	A++	A++	A++	A++	A+	A+	A+

Physical data outdoor

Airflow	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
Airflow	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		550x780x290	550x780x290	630x800x300	630x800x300	890x900x320	890x900x320	890x900x320
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"×1	3/8" x 1 + 1/2"×2	3/8" x 2 + 1/2"×2	3/8" x 3 + 1/2"×2
Flare connection - 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
R32 charge	kg		0.8	0.95	1.2	1.25	1.90	2.05	2.39
Chargeless pipe	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
* (r/l): rated noise pressure level at 1m/silent operation sound pressure level at 1m
(1) The energy efficiency class range of this product category is from D to A+++.



TOSHIBA Air Conditioning participates in the
ECP program for Comfort Air Conditioners (AC).
Check ongoing validity of certificate:
www.eurovent-certification.com

