TOSHIBA Leading Innovation >>>

Comfort and serenity for improved quality of life



















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At Toshiba, surpassing your expectations has always been at the heart of everything we do.

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

Toshiba is one of the first providers on the market to present a full Multisplit range with R32.

The Toshiba Multisplit system is the environmentally-friendly solution, 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.

With outstanding energy efficiency and low GWP⁽¹⁾, Toshiba air conditioners are the best solution when it comes to combining environmental concerns with exceptional comfort. Toshiba is working to create a better future for our planet and for our children. For a more inspiring world.







(1) Global Warming Potential



The new Toshiba Indoor units are a perfect fusion of esthetics and technology. With their discreet look, their flowing lines, simple curves and backlit finishing, they are truly a high-tech decorative ornament. Their harmonious design and highly compact sizes blend perfectly into any home decor.



DAISEIKAI 9

Choose the ultimate in comfort with DAISEIKAI 9 and enjoy peace of mind at all times.

- Modern and elegant aesthetics, with a glossy finish to complement any interior.
- An extremely quiet indoor unit (down to 20dB(A)) combined with a best in class outdoor unit noise level.
- Toshiba unique noise reduction function of outdoor unit by -4dB(A) for neighborhood comfort.
- Premium indoor air quality guaranteed by the Plasma Ion Charger filtration system, combined with a self-cleaning coil.
- 3D smart airflow system with independent louvers and 6 patterns for unlimited comfort.

SHORAI

Improve your quality of life with a stylish and energy efficient indoor unit.

- Extensive choice of indoor units, perfect for any room size: seven sizes available, from compact (275x790mm) to large (320x1050mm).
- Modern rounded aesthetics for a slim look, and a premium glossy finish to complement any interior.
- Extremely quiet indoor unit (noise level down to 20dB(A)).
- Multiple features for optimum comfort, including smart airflow diffusion (3D on large models).
- Premium indoor air quality guaranteed by the Toshiba IAQ filter technology for a fresh, healthy environment.

MIRAI

Enjoy style. **Comfort and efficiency**, all wrapped up in an affordable design.

- A truly decorative ornament with its designer look, flowing lines and glossy finishing.
- Long lasting performance and high quality air environment thanks to the self-cleaning coil.

CONSOLE

A unique, flexible comfort solution for perfect heating cooling of any room size.

- Toshiba advanced filters for healthy indoor air quality.
- Bi-flow system with floor heating mode for optimum comfort.
- Advanced self-cleaning indoor coil function.



DUCT

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

- Wide choice of sizes including new large capacity with sizes 22 & 24.
- Slim and compact design, just 210mm height, perfect for any house layout.
- Ducted for very low noise levels.
- 4-step external static pressure adjustment (up to 45Pa) and long air ducts for adaptation to any installation configuration.









COMPACT CASSETTE

The perfect light commercial solution for advanced air control and discreet design.

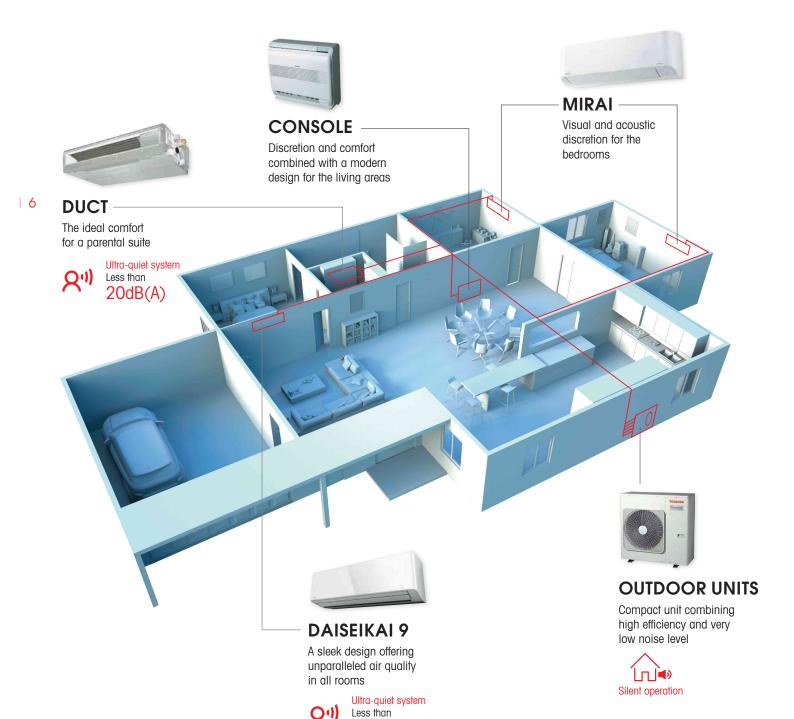
- A compact panel that fits perfectly in the 620x620mm ceiling grid T-bar and a slim chassis 650mm height adapted to ceilings with restricted void spaces.
- Panel is just 10mm depth, elegant design that blends seamlessly into any surroundings.
- Louvers that close completely when the IDU is off, for 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.



FLEXIBILITY GUARANTEED

Our premium solutions for large residential applications





20dB(A)

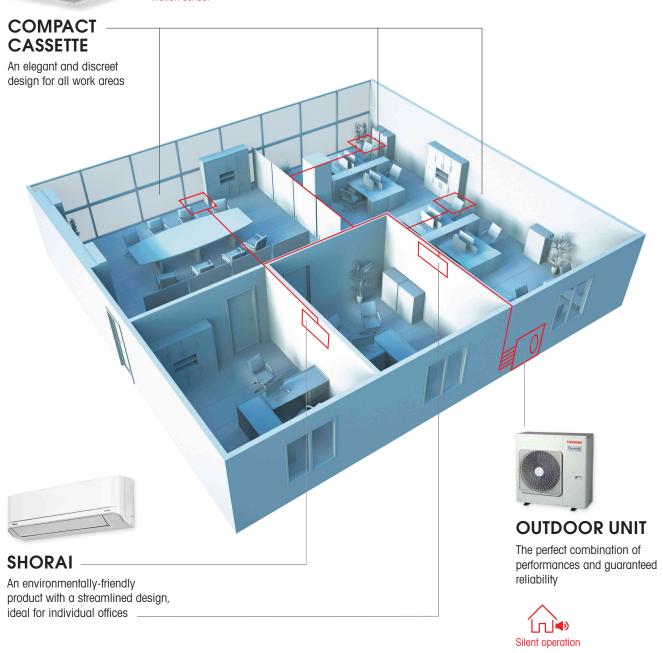
THE HEIGHT OF EFFICIENCY AND SIMPLICITY

Meeting the needs of light commercial applications

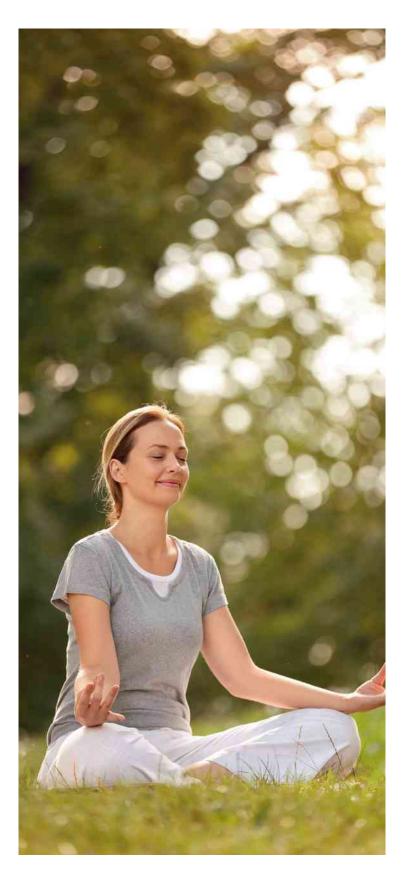








COMMITTED TO THE FUTURE



Created by Toshiba

Innovation, efficiency, high reliability, energy savings, environmental respect... These are the powerful values at the heart of Toshiba's DNA. For over 50 years Toshiba has been providing its clients with the guaranteed accuracy and expertise of flawless Japanese quality.

Durable design

Recently redesigned to eliminate any potential for leakage, whilst increasing the overall durability of the new range of R32 products.

Innovation

The latest Toshiba Twin Rotary compressor technology ensures exemplary performance, combined with outstanding reliability. Reducing fluctuations for a constant temperature, this innovation increases efficiency and reduces noise levels.

Toshiba's Inverter Technology

The new Toshiba compressor design helps to reduce the environmental impact of the system over its entire life cycle. It combines all our knowledge and proven expertise in efficiency, connectivity and reliability to provide you with energy savings and perfect comfort all year round. With the ability to regulate the cooling and heating capacity at all times by adjusting the compressor speed to demand, this technology maintains the indoor environment at precisely the temperature you choose, however demanding your requirements.



COMMITTED TO EFFICIENCY & COMFORT



High performance

Toshiba's high-quality solutions drastically reduce operating costs compared to other multi-split systems. Energy efficiency is increased, even under part load conditions where Toshiba inverters deliver their best results with exceptionally low energy consumption (SEER up to 6.90 & SCOP up to 4.60).

> Total flexibility

The new Bi-refrigerant indoor units (R410A & R32) are also compatible with both new R32 and legacy R410A Multisplit outdoor units.

NEW

2M10 for 2-room system

Specifically designed for applications where space is key, the 2M10 is perfect for 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 exceptionally quiet with only 45dB(A), preserving neighbourhood. With its wide operating range from -20°C to +46°C, the 2M10 is your guarantee of maximum savings all year round.



WIRELESS SOLUTIONS FOR WELL-BEING ON DEMAND

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



DAISEIKAI 9

Maximum performance. Maximum wellbeing.

- 3D airflow for optimal air diffusion
- Silent outdoor unit mode for exceptionally low noise levels
- Plasma Air Purifier for premium filtration, creating a fresh, healthy environment
- Power select function to optimize consumption
- Fireplace mode for the ultimate in cozy comfort
- Weekly timer for convenient control
- On-demand defrost for peace of mind even in the most extreme conditions



SHORAL

With programmable temperatures and ON/OFF settings, optimum comfort is really in your hands.

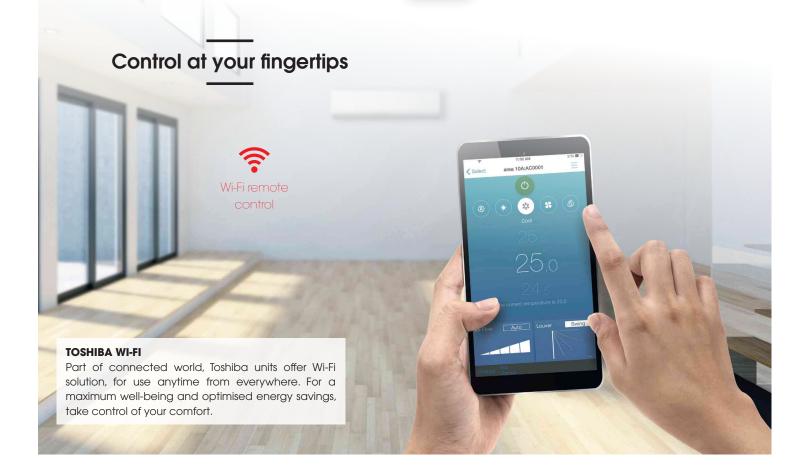
- Smart airflow control for comfort diffusion
- Timer with up to 4 daily settings to optimize consumption
- Power select function to optimize consumption



MIRAI

Choose between a remote solution for quick access to essential functions, or the optional weekly remote for advanced programming.

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WIRED CONTROL SOLUTION FOR PERFECT COMFORT ALL 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 7 series Compact Cassette is an innovative product developed specifically for light commercial and business applications. It offers the very best of Toshiba's expertise in design, construction and control dedicated to optimum comfort, all year round.

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 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.





- Toshiba indoor air quality with Plasma Air Purifier
- 3D airlfow with 6 unique airflow patterns
- Silent operation outdoor unit & Power select mode
- Wireless remote control back-lighted included
- 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	С	672 - 187	672 - 187	672 - 187
Sound pressure level (h/l)	dB(A)	С	42/20	43/20	44/23
Sound power level (h/l)	dB(A)	С	57	58	59
Air flow	m³/h - l/s	Н	726 - 202	726 - 202	642 - 178
Sound pressure level (h/l)	dB(A)	Н	44/20	44/20	45/23
Sound power level (h/l)	dB(A)	Н	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"





- Toshiba indoor air quality filter
- 3D airlfow with 6 unique airflow patterns (22k&24k)
- Power select mode
- Self-cleaning function
- Silent operation

Physical data indoor

Indoor unit			RAS-M05PKVSG-E RAS-M05PKVSG-TR	RAS-M07PKVSG-E RAS-M07PKVSG-TR	RAS-B10PKVSG-E RAS-B10PKVSG-TR	RAS-B13PKVSG-E RAS-B13PKVSG-TR	RAS-B16PKVSG-E RAS-B16PKVSG-TR	RAS-B22PKVSG-E RAS-B22PKVSG-TR	RAS-B24PKVSG-E RAS-B24PKVSG-TR
Air flow	m^3/h - $1/s$	С	540 - 150	540 - 150	564 - 156	624 - 173	750 - 208	984 - 273	1074 - 298
Sound pressure level (h/l)	dB(A)	С	39/24	39/24	38/23	39/23	43/25	45/34	47/35
Sound power level (h/l)	dB(A)	С	54/39	54/39	53/38	54/38	58/40	60/49	62/50
Air flow	m³/h - l/s	Н	552 -153	552 -153	600 -166	624 - 173	768 - 213	984 - 273	1128 - 313
Sound pressure level (h/l)	dB(A)	Н	39/24	39/24	39/24	39/24	43/26	46/24	48/35
Sound power level (h)	dB(A)	Н	54/39	54/39	54/39	54/39	58/41	61/49	63/50
Dimensions (h x w x d)	mm		293 x 798 x 230	320 x 1050 x 250	320 x 1050 x 250				
Weight	kg		9	9	9	10	10	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"





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

Physical data indoor

Indoor unit			RAS-B05BKVG-E RAS-B05BKVG-TR	RAS-B07BKVG-E RAS-B07BKVG-TR	RAS-B10BKVG-E RAS-B10BKVG-TR	RAS-B13BKVG-E RAS-B13BKVG-TR	RAS-B16BKVG-E RAS-B16BKVG-TR
Air flow	m³/h - l/s	С	510 - 141	522 - 145	540 - 150	600 - 166	750 - 208
Sound pressure level (h/l)	dB(A)	С	37/22	38/23	39/24	41/24	43/25
Sound power level (h/l)	dB(A)	С	52/37	53/38	54/39	56/39	58/40
Air flow	m³/h - l/s	Н	522 -145	534 -148	552 -153	618 -171	768 - 213
Sound pressure level (h/l)	dB(A)	Н	37/22	38/23	39/24	42/24	43/26
Sound power level (h/l)	dB(A)	Н	52/37	53/38	54/39	57/39	58/41
Dimensions (h x w x d)	mm		293 x 798 x 230				
Weight	kg		9	9	9	9	10
Flare connections (aas-liqui	d)		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

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CONSOLE



- Bi-flow air delivery system
- Toshiba indoor air quality filtration
- Child lock function on the unit display panel
- Wireless remote control included

Physical data indoor

Indoor unit			RAS-B10UFVG-E RAS-B10UFVG-TR	RAS-B13UFVG-E RAS-B13UFVG-TR	RAS-B18UFVG-E RAS-B18UFVG-TR
Air flow	m³/h - l/s	С	468 - 130	510 - 142	600 - 167
Sound pressure level (h/l)	dB(A)	С	39/26	40/27	46/34
Sound power level (h/l)	dB(A)	С	54	55	61
Air flow	m³/h - l/s	Н	510 - 142	552 - 153	642 - 178
Sound pressure level (h/l)	dB(A)	Н	39/26	40/27	46/34
Sound power level (h/l)	dB(A)	Н	54	55	61
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"





- 4-way air diffusion grille
- Elegant modern design & compact flat panel
- 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-M10SMUV-E	RAS-M10SMUV-E	RAS-M10SMUV-E
			RAS-M10SMUV-TR	RAS-M10SMUV-TR	RAS-M10SMUV-TR
Air flow (h/l)	m³/h	С	590/430 (*)	620/430(*)	680/450(*)
Sound pressure level (h/l)	dB(A)	С	37/30(*)	38/30(*)	41/31(*)
Sound power level	dB(A)	С	52/45(*)	53/45(*)	56/46(*)
Air flow (h/l)	m³/h	Н	590/430(*)	620/430(*)	680/450(*)
Sound pressure level (h/l)	dB(A)	Н	37/30(*)	38/30(*)	41/31(*)
Sound power level	dB(A)	Н	52/45(*)	53/45(*)	56/46(*)
Dimensions (h x w x d)	mm		268 x 575 x 575	268 x 575 x 575	268 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 (*): preliminary data





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

Physical data indoor

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Indoor unit		RAS-M07U2DVG-E	RAS-M10U2DVG-E	RAS-M13U2DVG-E	RAS-M16U2DVG-E	RAS-M22U2DVG-E	RAS-M24U2DVG-E
		RAS-M07U2DVG-TR	RAS-M10U2DVG-TR	RAS-M13U2DVG-TR	RAS-M16U2DVG-TR	RAS-M22U2DVG-TR	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 – I/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 \times w \times d)	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. (*): preliminary data

SYSTEM COMBINATIONS PATTERNS

		MULTISPLIT INDOOR UNITS							
Indoor l	Inits sizes	05	07	10	13	16	18	22	24
Indoor Units co	Indoor Units cooling capacity			2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
DAISEIKAI 9 R32 & R410A RAS-M**PKVSG-E									
SHORAI R32 & R410A RAS-M/B**PKVSG-E									•
MIRAI R32 & R410A RAS-B**BKVG-E									
Console R32 & R410A RAS-B**U2FVG-E									
New Compact Cassette R32 & R410A RAS-M**U2MUVG-E									
Ducted R32 & R410A RAS-M**U2DVG-E									•

: indoor units available sizes

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		MULTISPLIT OUTDOOR UNITS							
Indoor Unit	s sizes	05	07	10	13	16	18	22	24
Indoor units cooli	ng 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 CDU Cooling capacity: 3.3 kW		•							
2 Rooms R32 RAS-2M14U2AVG-E CDU Cooling capacity: 4,0 kW		•							
2 Rooms R32 RAS-2M18U2AVG-E CDU Cooling capacity: 5,2 kW		•				•			
3 Rooms R32 RAS-3M18U2AVG-E CDU Cooling capacity: 5,2 kW		•				•			
3 Rooms R32 RAS-3M26U2AVG-E CDU Cooling capacity: 7.5 kW		•							
4 Rooms R32 RAS-4M27U2AVG-E CDU Cooling capacity: 8.0 kW		•							
5 Rooms R32 RAS-5M34U2AVG-E CDU Cooling capacity: 10.0 kW		•		•		•	•		•

[:] indoor units sizes compatibility with outdoor units





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-2M10U2AVG-E	RAS-2M14U2AVG-E	RAS-2M18U2AVG-E	RAS-3M18U2AVG-E	RAS-3M26U2AVG-E	RAS-4M27U2AVG-E	RAS-5M34U2AVG-E
		RAS-2M10U2AVG-TR	RAS-2M14U2AVG-TR	RAS-2M18U2AVG-TR	RAS-3M18U2AVG-TR	RAS-3M26U2AVG-TR	RAS-4M27U2AVG-TR	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	4.10	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		Н А++	A++	A++	A++	A++	A++	A+

Physical data outdoor

Outdoor unit			2-room Multisplit	2-room Multisplit	2-room Multisplit	3-room Multisplit	3-room Multisplit	4-room Multisplit	5-room Multisplit
			RAS-2M10U2AVG-E	RAS-2M14U2AVG-E	RAS-2M18U2AVG-E	RAS-3M18U2AVG-E	RAS-3M26U2AVG-E	RAS-4M27U2AVG-E	RAS-5M34U2AVG-E
			RAS-2M10U2AVG-TR	RAS-2M14U2AVG-TR	RAS-2M18U2AVG-TR	RAS-3M18U2AVG-TR	RAS-3M26U2AVG-TR	RAS-4M27U2AVG-TR	RAS-5M34U2AVG-TR
Air flow	m³/h - I/s	С	1863-517	1863-517	2107-585	2177-605	2507-696	2507-696	3245-901
Sound pressure level	dB(A)	С	45	45	47	49	48	48	52
Sound power level	dB(A)	С	58	58	60	62	63	63	66
Operating range	°C	С	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Air flow	m³/h - I/s	Н	1863-517	1863-517	2038-566	2107-585	2507-696	2507-696	3562-989
Sound pressure level	dB(A)	Н	46	46	50	50	49	49	55
Sound power level	dB(A)	Н	59	59	63	63	64	64	68
Operating range	°C	Н	-20/24	-20/24	-20/24	-20/24	-15/24	-15/24	-15/24
Dimensions (HxWxD)	mm		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"×2	3/8" x 2 + 1/2"×2	3/8" x 3 + 1/2"×2
Flare connections - liquid			3/8" x 2	3/8" x 2	3/8" x 2	3/8" x 2 + 1/2"×1	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
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 3M26 / 4M27 / 5M34 are preliminary data E: European Union TR: Turkey

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