












CHOOSE YOUR ADAPTED SYSTEM SOLUTION

		MULTISPLIT INDOOR UNITS						
Indoor Units sizes		07	10	13	16	18	22	24
Indoor Units cooling capacity		2 kW	2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
Hi-wall - Daiseikai B**N3KVP-E			■	■	■			
Hi-wall - Suzumi M/B**N3KV2-E1		■	■	■	■		■	■
Console RAS-B**UFV-E1			■	■		■		
Cassette RAS-M**SMUV-E			■	■	■			
Ducted - new RAS-M**G3DV-E)		■	■	■	■			

■ : Indoor units available sizes

		MULTISPLIT OUTDOOR						
Indoor Units sizes		07	10	13	16	18	22	24
Indoor units cooling capacity		2 kW	2.5 kW	3.5 kW	4.5 kW	5.0 kW	6.0 kW	7.0 kW
2 Rooms R410A RAS-2M14S3AV-E CDU Cooling capacity: 4.0 kW		■	■	■	■			
2 Rooms R410A RAS-2M18S3AV-E CDU Cooling capacity: 5.2 kW		■	■	■	■			
3 Rooms R410A RAS-3M18S3AV-E CDU Cooling capacity: 5.2 kW		■	■	■	■			
3 Rooms R410A RAS-3M26S3AV-E CDU Cooling capacity: 7.5 kW		■	■	■	■	■	■	■
4 Rooms R410A RAS-4M27S3AV-E CDU Cooling capacity: 8.0 kW		■	■	■	■	■	■	■
5 Rooms R410A RAS-5M34S3AV-E CDU Cooling capacity: 10.0 kW		■	■	■	■	■	■	■

■ : Indoor units sizes compatibility

COMPATIBILITIES	2 ROOMS		3 ROOMS		4 ROOMS	5 ROOMS
	RAS-2M14S3AV-E	RAS-2M18S3AV-E	RAS-3M18S3AV-E	RAS-3M26S3AV-E	RAS-4M27S3AV-E	RAS-5M34S3AV-E
IDU sizes						
07	✓		✓		✓	✓
10	✓	✓	✓	✓	✓	✓
13	✓	✓	✓	✓	✓	✓
16		✓	✓	✓	✓	✓
18				✓	✓	✓
22				✓	✓	✓
24				✓	✓	✓

✓ : compatibilities

MULTIPLIT INVERTER R410A

CDU PERFORMANCES



Performance data

Outdoor unit		2-room Multisplit RAS-2M14S3AV-E	2-room Multisplit RAS-2M18S3AV-E	3-room Multisplit RAS-3M18S3AV-E	3-room Multisplit RAS-3M26S3AV-E	4-room Multisplit RAS-4M27S3AV-E	5-room Multisplit RAS-5M34S3AV-E
Cooling capacity	kW	4.0	5.2	5.2	7.5	8.0	10.0
Cooling capacity (min. - max.)	kW	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	0.83	1.34	1.17	2.00	2.29	2.98
EER	W/W	4.82	3.88	4.44	3.75	3.50	3.36
SEER		6.73	6.90	6.80	6.19	6.11	6.31
Energy efficiency class	C	A++	A++	A++	A++	A++	A++
Heating capacity	kW	4.4	5.6	6.8	9.0	9.0	12.0
Heating capacity (min. - max.)	kW	1.3-5.2	1.3-7.5	1.9-8.0	2.0-11.2	2.9 - 11.7	2.7 - 14.0
Power input	kW H	0.85	1.19	1.58	2.2	1.93	2.83
COP	W/W	5.18	4.71	4.30	4.09	4.67	4.24
SCOP		4.41	4.60	4.60	4.44	4.26	4.08
Energy efficiency class	H	A+	A++	A++	A+	A+	A+

Physical data outdoor

Outdoor unit		2-room Multisplit RAS-2M14S3AV-E	2-room Multisplit RAS-2M18S3AV-E	3-room Multisplit RAS-3M18S3AV-E	3-room Multisplit RAS-3M26S3AV-E	4-room Multisplit RAS-4M27S3AV-E	5-room Multisplit RAS-5M34S3AV-E
Air flow	m ³ /h - l/s C	1863-517	2107-585	2177-605	2507-696	2507-696	3245-901
Sound pressure level	dB(A) C	45	47	47	48	48	52
Sound power level	dB(A) C	58	60	60	63	63	66
Operating range	°C C	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Air flow	m ³ /h - l/s H	1863-517	2038-566	2107-585	2507-696	2507-696	3562-989
Sound pressure level	dB(A) H	46	50	50	49	49	55
Sound power level	dB(A) H	59	63	63	64	64	68
Operating range	°C H	-20/24	-20/24	-20/24	-15/24	-15/24	-15/24
Dimensions (HxWxD)	mm	630x800x300	630x800x300	630x800x300	890x900x320	890x900x320	890x900x320
Weight	kg	44	44	46	72	72	78
Compressor type		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	3/8" x 1 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 3 + 1/2" x 2
Flare connections - liquid		3/8" x 2	3/8" x 2	3/8" x 2 + 1/2" x 1	1/4" x 3	1/4" x 4	1/4" x 5
Maximum pipe length (per unit/total)	m	20/30	20/30	25/50	25/ 70	25 / 70	25 / 80
Maximum height difference	m	10	10	10	15	15	15
Chargeless pipe length	m	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

C: cooling mode
H: heating mode



RAS MULTI INDOOR UNITS

DAISEIKAI 6.5



- Toshiba Indoor air quality with Plasma Ion Charger
- Wireless remote control back-lighted included
- Self-cleaning function
- Extremely silent

Physical data indoor

Indoor unit	RAS-		B10N3KVP-E	B13N3KVP-E	B16N3KVP-E
Air flow	m ³ /h - l/s	C	630 - 175	660 - 183	690 - 192
Sound pressure level (h/l)	dB(A)	C	42 / 27	43 / 27	45 / 29
Sound power level (h/l)	dB(A)	C	58	58	60
Air flow	m ³ /h - l/s	H	708 - 197	732 - 203	756 - 210
Sound pressure level (h/l)	dB(A)	H	43 / 27	44 / 27	45 / 29
Sound power level (h/l)	dB(A)	H	58	59	60
Dimensions (h x w x d)	mm		275x790x225	275x790x225	275x790x225
Weight	kg		10	10	10
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"

C: cooling mode
H: heating mode

SUZUMI+



- Elegant compact design
- Wireless remote control (can be wired) included
- Very silent

Physical data indoor

Indoor unit	RAS-		M07N3KV2-E1	B10N3KV2-E1	B13N3KV2-E1	B16N3KV2-E1	B22N3KV2-E1	M24N3KV2-E1
Air flow	m ³ /h - l/s	C	516 - 143	516 - 143	570 - 158	684 - 190	1080 - 300	1134 - 315
Sound pressure level (h/l)	dB(A)	C	38/26	38/26	39/26	45/30	47/35	49/37
Sound power level (h)	dB(A)	C	53	53	54	60	60	64
Air flow	m ³ /h - l/s	H	570 - 158	570 - 158	624 - 173	738 - 205	1098 - 305	1152 - 320
Sound pressure level (h/l)	dB(A)	H	38/28	39/28	40/28	45/31	47/35	49/37
Sound power level (h)	dB(A)	H	53	54	55	60	60	64
Dimensions (h x w x d)	mm		275x790x217	275x790x217	275x790x217	275x790x217	320x1050x229	320x1050x229
Weight	kg		10	10	10	10	13	13
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"

C: cooling mode
H: heating mode

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-		RAS-B10UFV-E1	RAS-B13UFV-E1	RAS-B18UFV-E1
Air flow	m ³ /h - l/s	C	468 - 130	510 - 142	600 - 167
Sound pressure level (h/l)	dB(A)	C	39/26	40/27	46/34
Sound power level (h/l)	dB(A)	C	54	55	61
Air flow	m ³ /h - l/s	H	510 - 142	552 - 153	642 - 178
Sound pressure level (h/l)	dB(A)	H	39/26	40/27	46/34
Sound power level (h/l)	dB(A)	H	54	55	61
Dimensions (h x w x d)	mm		600x700x220	600x700x220	600x700x220
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

CASSETTE



- 4-way air diffusion grille
- Stylish design and compact dimensions to suit all standard 600x600 mm grid ceilings
- Condensate drain pump included (up to 850mm height)

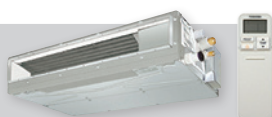
Physical data indoor

Indoor unit			RAS-M10SMUV-E	RAS-M13SMUV-E	RAS-M16SMUV-E
Air flow (h/l)	m ³ /h - l/s	C	588 - 163	618 - 172	660 - 183
Sound pressure level (h/l)	dB(A)	C	37/30	38/30	40/31
Sound power level	dB(A)	C	52	53	55
Air flow (h/l)	m ³ /h	H	558 - 432	618 - 432	660 - 450
Sound pressure level (h/l)	dB(A)	H	37/30	38/30	40/31
Sound power level	dB(A)	H	52	53	55
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

RESIDENTIAL AIR-TO-AIR

DUCT



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

Indoor unit	RAS-	RAS-M07G3DV-E	RAS-M10G3DV-E	RAS-M13G3DV-E	RAS-M16G3DV-E	
Air flow (h/l)	m ³ /h	C	570 / 380	570 / 380	610 / 385	780 / 420
Sound pressure level (h/l) *1	dB(A)	C	35 / 27	35 / 27	37 / 27	35 / 24
Sound power level (h/l) *1	dB(A)	C	50 / 42	50 / 42	52 / 42	50 / 39
Air flow (h/l)	m ³ /h - l/s	H	570 / 380	570 / 380	610 / 385	780 / 450
Sound pressure level (h/l) *1	dB(A)	H	35 / 27	35 / 27	37 / 27	35 / 25
Sound power level (h/l) *1	dB(A)	H	50 / 42	50 / 42	52 / 42	50 / 40
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
Weight	kg		16	16	16	19
Flare connections (gas - liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 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

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

OPTIONAL



Wireless
Weekly Remote control

RB-RXS31-E
for Mural Suzumi+
and UFV Console



Wall mounted
Weekly Remote control
(Duct only)

RB-RWS20-E
for ducted