

# 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<br>RAS-M**PKVPG-E/TR                      |  |                         |        | •      | •      | •      |        |        |        |
| Hi-wall - HAORI<br>RAS-M**N4KVRG-E/TR<br>RAS-B**N4KVRG-E/TR     |  |                         | •      | •      | •      | •      |        |        |        |
| Hi-wall - SHORAI Edge<br>black or white<br>RAS-B**G3KVG(B)-E/TR |  | •                       | •      | •      | •      | •      | •      | •      | •      |
| Hi-wall - SEIYA<br>RAS-B**E2KVG-E/TR                            |  | •                       | •      | •      | •      | •      |        |        |        |
| Console<br>RAS-B**J2FVG-E/TR                                    |  |                         | •      | •      | •      |        | •      |        |        |
| Compact Cassette<br>RAS-M**U2MUVG-E/TR                          |  |                         |        | •      | •      | •      |        |        |        |
| Ducted<br>RAS-M**U2DVG-E1/TR                                    |  |                         | •      | •      | •      | •      |        | •      | •      |

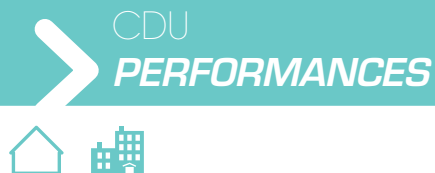
• : Indoor units available sizes

|                                                                |                                                                                     | 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<br>RAS-2M10G3AVG-E/TR<br>CDU Cooling capacity: 3.3 kW  |  | •                  | •      | •      |        |        |        |        |        |
| 2 Rooms<br>RAS-2M14G3AVG-E/TR<br>CDU Cooling capacity: 4.0 kW  |  | •                  | •      | •      | •      |        |        |        |        |
| 2 Rooms<br>RAS-2M18G3AVG-E/TR<br>CDU Cooling capacity: 5.2 kW  |  | •                  | •      | •      | •      | •      |        |        |        |
| 3 Rooms<br>RAS-3M18G3AVG-E/TR<br>CDU Cooling capacity: 5.2 kW  |  | •                  | •      | •      | •      | •      |        |        |        |
| 3 Rooms<br>RAS-3M26G3AVG-E/TR<br>CDU Cooling capacity: 7.5 kW  |  | •                  | •      | •      | •      | •      | •      | •      | •      |
| 4 Rooms<br>RAS-4M27G3AVG-E/TR<br>CDU Cooling capacity: 8.0 kW  |  | •                  | •      | •      | •      | •      | •      | •      | •      |
| 5 Rooms<br>RAS-5M34G3AVG-E/TR<br>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<br>RAS-2M10G3AVG-E<br>RAS-2M10G3AVG-TR | 2-room Multisplit<br>RAS-2M14G3AVG-E<br>RAS-2M14G3AVG-TR | 2-room Multisplit<br>RAS-2M18G3AVG-E<br>RAS-2M18G3AVG-TR | 3-room Multisplit<br>RAS-3M18G3AVG-E<br>RAS-3M18G3AVG-TR | 3-room Multisplit<br>RAS-3M26G3AVG-E<br>RAS-3M26G3AVG-TR | 4-room Multisplit<br>RAS-4M27G3AVG-E<br>RAS-4M27G3AVG-TR | 5-room Multisplit<br>RAS-5M34G3AVG-E<br>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<br>RAS-2M10G3AVG-E<br>RAS-2M10G3AVG-TR | 2-room Multisplit<br>RAS-2M14G3AVG-E<br>RAS-2M14G3AVG-TR | 2-room Multisplit<br>RAS-2M18G3AVG-E<br>RAS-2M18G3AVG-TR | 3-room Multisplit<br>RAS-3M18G3AVG-E<br>RAS-3M18G3AVG-TR | 3-room Multisplit<br>RAS-3M26G3AVG-E<br>RAS-3M26G3AVG-TR | 4-room Multisplit<br>RAS-4M27G3AVG-E<br>RAS-4M27G3AVG-TR | 5-room Multisplit<br>RAS-5M34G3AVG-E<br>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

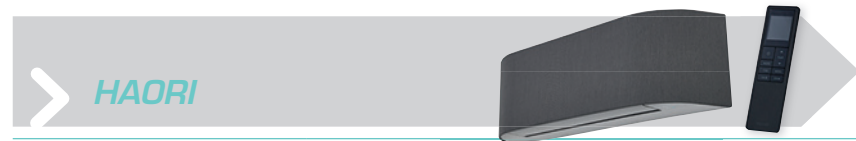
### DAISEIKAI 9



- 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<br>RAS-M10PKVPG-TR | RAS-M13PKVPG-E<br>RAS-M13PKVPG-TR | RAS-M16PKVPG-E<br>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<br>RAS-M07N4KVRG-TR | RAS-B10N4KVRG-E<br>RAS-B10N4KVRG-TR | RAS-B13N4KVRG-E<br>RAS-B13N4KVRG-TR | RAS-B16N4KVRG-E<br>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<br>RAS-M05G3KVSG-TR<br>RAS-M05G3KVSGB-E<br>RAS-M05G3KVSGB-TR | RAS-B07G3KVSG-E<br>RAS-M07G3KVSG-TR<br>RAS-B07G3KVSGB-E<br>RAS-M07G3KVSGB-TR | RAS-B10G3KVSG-E<br>RAS-M10G3KVSG-TR<br>RAS-B10G3KVSGB-E<br>RAS-M10G3KVSGB-TR | RAS-B13G3KVSG-E<br>RAS-M13G3KVSG-TR<br>RAS-B13G3KVSGB-E<br>RAS-M13G3KVSGB-TR | RAS-B16G3KVSG-E<br>RAS-M16G3KVSG-TR*<br>RAS-B16G3KVSGB-E<br>RAS-M16G3KVSGB-TR | RAS-B18G3KVSG-E<br>RAS-M18G3KVSG-TR<br>RAS-B18G3KVSGB-E<br>RAS-M18G3KVSGB-TR | RAS-B22G3KVSG-E<br>RAS-M22G3KVSG-TR<br>RAS-B22G3KVSGB-E<br>RAS-M22G3KVSGB-TR | RAS-B24G3KVSG-E<br>RAS-M24G3KVSG-TR<br>RAS-B24G3KVSGB-E<br>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<br>RAS-M05E2KVG-TR | RAS-B07E2KVG-E<br>RAS-M07E2KVG-TR | RAS-B10E2KVG-E<br>RAS-M10E2KVG-TR | RAS-B13E2KVG-E<br>RAS-M13E2KVG-TR | RAS-B16E2KVG-E<br>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<br>RAS-M10J2FVG-TR | RAS-B13J2FVG-E<br>RAS-M13J2FVG-TR | RAS-B18J2FVG-E<br>RAS-M18J2FVG-TR |
|--------------------------------|-------------------------|---|-----------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Air Flow                       | m <sup>3</sup> /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 <sup>3</sup> /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



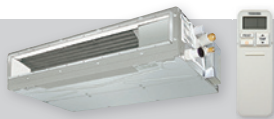
- 4 way air diffusion grille
- Elegant Flat Panel modern design & Compact dimensions to suit 600x600mm grid ceilings
- Wired or Wireless remote control / Occupancy sensor option
- Individual louver control / Dual & cycle swing
- Condensate drain pump included (up to 850mm height)

#### Physical data indoor

| Indoor unit                      |                   |   | RAS-M10U2MUVG-E<br>RAS-M10U2MUVG-TR | RAS-M13U2MUVG-E<br>RAS-M13U2MUVG-TR | RAS-M16U2MUVG-E<br>RAS-M16U2MUVG-TR |
|----------------------------------|-------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|
| Air flow (h/l)                   | m <sup>3</sup> /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 <sup>3</sup> /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<br>RAS-M07U2DVG-TR | RAS-M10U2DVG-E<br>RAS-M10U2DVG-TR | RAS-M13U2DVG-E<br>RAS-M13U2DVG-TR | RAS-M16U2DVG-E<br>RAS-M16U2DVG-TR | RAS-M22U2DVG-E<br>RAS-M22U2DVG-TR | RAS-M24U2DVG-E<br>RAS-M24U2DVG-TR |
|--------------------------------------------------------------|-------------------------|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Air flow (h/l)                                               | m <sup>3</sup> /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 <sup>3</sup> /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