

## 4. Slim Low Static Ducted (Type M2)

### Unit Specifications (C)

| INDOOR                              |                                                |                                 | MODEL                              |          | S-10MM2EB                                   |                                    |          | S-15MM2EB          |                                    |          | S-22MM2EB          |         |      |
|-------------------------------------|------------------------------------------------|---------------------------------|------------------------------------|----------|---------------------------------------------|------------------------------------|----------|--------------------|------------------------------------|----------|--------------------|---------|------|
| PANEL                               |                                                |                                 | MODEL                              |          | -                                           |                                    |          |                    |                                    |          |                    |         |      |
| Performance test condition          |                                                |                                 |                                    |          | ISO15042 / AS/NZS3823.1 / EN14511 / EN12102 |                                    |          |                    |                                    |          |                    |         |      |
| Power supply                        |                                                |                                 | ø, Hz                              |          | 1ø 50/60Hz                                  |                                    |          | 1ø 50/60Hz         |                                    |          | 1ø 50/60Hz         |         |      |
|                                     |                                                |                                 | V                                  |          | 220V                                        | 230V                               | 240V     | 220V               | 230V                               | 240V     | 220V               | 230V    | 240V |
| C<br>O<br>O<br>L<br>I<br>N<br>G     | Capacity                                       |                                 | kW                                 |          | 1.0                                         | 1.0                                | 1.0      | 1.5                | 1.5                                | 1.5      | 2.2                | 2.2     | 2.2  |
|                                     |                                                |                                 | BTU/h                              |          | 3400                                        | 3400                               | 3400     | 5100               | 5100                               | 5100     | 7500               | 7500    | 7500 |
|                                     |                                                |                                 | Sensible                           | kW       | 1.0                                         | 1.0                                | 1.0      | 1.4                | 1.4                                | 1.4      | 1.8                | 1.8     | 1.8  |
|                                     |                                                |                                 | Latent                             | kW       | 0.0                                         | 0.0                                | 0.0      | 0.1                | 0.1                                | 0.1      | 0.4                | 0.4     | 0.4  |
|                                     | Current                                        |                                 | A                                  |          | 0.25                                        | 0.25                               | 0.25     | 0.30               | 0.30                               | 0.30     | 0.33               | 0.33    | 0.33 |
|                                     | Input power                                    |                                 | W                                  |          | 12                                          |                                    |          | 19                 |                                    |          | 25                 |         |      |
|                                     | Annual consumption                             |                                 | W <sup>*4</sup>                    |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -    |
|                                     | EER/EER CLASS                                  |                                 | TOTAL(W/W) <sup>5</sup> /("A"~"G") |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -    |
|                                     | EER                                            |                                 | BTU/hW                             |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -    |
|                                     | Power factor                                   |                                 | %                                  |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -    |
| Noise indoor <sup>*6</sup>          |                                                | dB-A (H/M/L)                    |                                    | 22/21/20 |                                             |                                    | 24/23/20 |                    |                                    | 26/25/20 |                    |         |      |
|                                     |                                                | Power Level dB                  |                                    | 37/36/35 |                                             |                                    | 39/38/35 |                    |                                    | 41/40/35 |                    |         |      |
| Noise outdoor                       |                                                | dB-A (H/L)                      |                                    | -        |                                             |                                    | -        |                    |                                    | -        |                    |         |      |
|                                     |                                                | Power Level dB                  |                                    | -        |                                             |                                    | -        |                    |                                    | -        |                    |         |      |
| H<br>E<br>A<br>T<br>I<br>N<br>G     | Capacity                                       |                                 | kW                                 |          | 1.3                                         | 1.3                                | 1.3      | 1.7                | 1.7                                | 1.7      | 2.5                | 2.5     | 2.5  |
|                                     |                                                |                                 | BTU/h                              |          | 4400                                        | 4400                               | 4400     | 5800               | 5800                               | 5800     | 8500               | 8500    | 8500 |
|                                     |                                                |                                 | kcal/h(Fri./h)                     |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -    |
|                                     | Current                                        |                                 | A                                  |          | 0.25                                        | 0.25                               | 0.25     | 0.30               | 0.30                               | 0.30     | 0.33               | 0.33    | 0.33 |
|                                     | Input power                                    |                                 | W                                  |          | 12                                          |                                    |          | 19                 |                                    |          | 25                 |         |      |
|                                     | COP/COP CLASS                                  |                                 | TOTAL(W/W) <sup>5</sup> /("A"~"G") |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -    |
|                                     | COP                                            |                                 | BTU/hW                             |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -    |
|                                     | Power factor                                   |                                 | %                                  |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -    |
|                                     | Noise indoor <sup>*6</sup>                     |                                 | dB-A (H/M/L)                       |          | 22/21/20                                    |                                    |          | 24/23/20           |                                    |          | 26/25/20           |         |      |
|                                     |                                                |                                 | Power Level dB                     |          | 37/36/35                                    |                                    |          | 39/38/35           |                                    |          | 41/40/35           |         |      |
| Noise outdoor                       |                                                | dB-A (H/L)                      |                                    | -        |                                             |                                    | -        |                    |                                    | -        |                    |         |      |
|                                     |                                                | Power Level dB                  |                                    | -        |                                             |                                    | -        |                    |                                    | -        |                    |         |      |
| EXTRA LOW TEMP                      |                                                | Capacity(kW)/Input power(W)/COP |                                    | -        |                                             |                                    | -        |                    |                                    | -        |                    |         |      |
| Cooling                             | Max Current(A)/Max Input power(W)              |                                 | 0.58/65                            |          | 0.58/65                                     | 0.58/65                            | 0.58/65  | 0.58/65            | 0.58/65                            | 0.58/65  | 0.58/65            | 0.58/65 |      |
| Heating                             | Max Current(A)/Max Input power(W)              |                                 | 0.58/65                            |          | 0.58/65                                     | 0.58/65                            | 0.58/65  | 0.58/65            | 0.58/65                            | 0.58/65  | 0.58/65            | 0.58/65 |      |
| Starting current(A)/Comp output(W)  |                                                |                                 | -                                  |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       |      |
| Time Delay fuse max size(A)         |                                                |                                 | 15                                 |          |                                             | 15                                 |          |                    | 15                                 |          |                    |         |      |
| Network Impedance(QMAX.)            |                                                |                                 | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |      |
| Fan motor output (Indoor/Outdoor) W |                                                |                                 | 40                                 |          | /                                           | -                                  | 40       | /                  | -                                  | 40       | /                  | -       |      |
| Moisture removal volume             |                                                |                                 | L/h                                |          | 0.1                                         |                                    |          | 0.2                |                                    |          | 0.6                |         |      |
| External static pressure            |                                                |                                 | Pa                                 |          | 10 (MIN10 - MAX30)                          |                                    |          | 10 (MIN10 - MAX30) |                                    |          | 10 (MIN10 - MAX30) |         |      |
| Indoor air flow <sup>*6</sup>       | Cool                                           | m³/min (H/M/L)                  | 4.5 / 4.3 / 4.1                    |          |                                             | 6.8 / 6.2 / 5.0                    |          |                    | 8.0 / 7.0 / 5.0                    |          |                    |         |      |
|                                     | Heat                                           | m³/min (H/M/L)                  | 4.5 / 4.3 / 4.1                    |          |                                             | 6.8 / 6.2 / 5.0                    |          |                    | 8.0 / 7.0 / 5.0                    |          |                    |         |      |
| Outdoor air flow                    | Cool                                           | m³/min                          | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |      |
|                                     | Heat                                           | m³/min                          | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |      |
| Refrigerant type                    |                                                |                                 | R410A,R32                          |          |                                             | R410A,R32                          |          |                    | R410A,R32                          |          |                    |         |      |
| Product dimension                   | Height                                         | mm                              | 200                                |          |                                             | 200                                |          |                    | 200                                |          |                    |         |      |
|                                     | Width                                          | mm                              | 700                                |          |                                             | 700                                |          |                    | 700                                |          |                    |         |      |
|                                     | Depth                                          | mm                              | 450                                |          |                                             | 450                                |          |                    | 450                                |          |                    |         |      |
| Product dimension(PANEL)            |                                                | H×W×D                           | mm                                 |          |                                             | -                                  |          |                    | -                                  |          |                    |         |      |
| Packing dimension                   |                                                | Height                          | mm                                 |          | 267                                         |                                    |          | 267                |                                    |          | 267                |         |      |
|                                     |                                                | Width                           | mm                                 |          | 910                                         |                                    |          | 910                |                                    |          | 910                |         |      |
|                                     |                                                | Depth                           | mm                                 |          | 560                                         |                                    |          | 560                |                                    |          | 560                |         |      |
| Mass                                |                                                | (NET)                           | kg                                 |          | 17                                          |                                    |          | 17                 |                                    |          | 17                 |         |      |
|                                     |                                                | (GROSS)                         | kg                                 |          | 20                                          |                                    |          | 20                 |                                    |          | 20                 |         |      |
|                                     |                                                | Panel (NET)                     | kg                                 |          | -                                           |                                    |          | -                  |                                    |          | -                  |         |      |
| Layers limit (actually)             |                                                |                                 | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |      |
| Operation condition                 |                                                | Cool (DBT)                      | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |      |
|                                     |                                                | Heat (DBT)                      | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |      |
| P<br>I<br>P<br>E<br>I<br>N<br>G     | Pipe port diameter mm (inch)                   |                                 | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                                             | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                    | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                    |         |      |
|                                     | Pipe diameter mm (inch)                        |                                 | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                                             | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                    | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                    |         |      |
|                                     | Connect method, Standard length m              |                                 | flared type                        |          |                                             | flared type                        |          |                    | flared type                        |          |                    |         |      |
|                                     | Pipe length range m                            |                                 | ~ ( ~ )                            |          |                                             | ~ ( ~ )                            |          |                    | ~ ( ~ )                            |          |                    |         |      |
|                                     | Indoor unit & Outdoor unit height difference m |                                 | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |      |
|                                     | Add gas amount g/m                             |                                 | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |      |
| Pipe length for additional gas m    |                                                |                                 | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |      |

\*1: In case it is necessary to indicate the air flow volume in (l/s), the value in (m<sup>3</sup>/min.) shall be multiplied by 16.7 and rounded down the decimal point.

\*2: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

\*3: Network Impedance shall be applicable for EUROPE and CHINA models.

\*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

\*5: EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

\*6: H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1) Noise of L is indicated by at FAN mode

\* In the case of nanoe X OFF

## 4. Slim Low Static Ducted (Type M2)

### Unit Specifications (D)

| INDOOR                              |                                                |                                 | MODEL                              |          | S-28MM2EB                                   |                                    |          | S-36MM2EB          |                                    |          | S-45MM2EB          |         |       |
|-------------------------------------|------------------------------------------------|---------------------------------|------------------------------------|----------|---------------------------------------------|------------------------------------|----------|--------------------|------------------------------------|----------|--------------------|---------|-------|
| PANEL                               |                                                |                                 | MODEL                              |          | -                                           |                                    |          |                    |                                    |          |                    |         |       |
| Performance test condition          |                                                |                                 |                                    |          | ISO15042 / AS/NZS3823.1 / EN14511 / EN12102 |                                    |          |                    |                                    |          |                    |         |       |
| Power supply                        |                                                |                                 | ø, Hz                              |          | 1ø 50/60Hz                                  |                                    |          | 1ø 50/60Hz         |                                    |          | 1ø 50/60Hz         |         |       |
|                                     |                                                |                                 | V                                  |          | 220V                                        | 230V                               | 240V     | 220V               | 230V                               | 240V     | 220V               | 230V    | 240V  |
| C<br>O<br>O<br>L<br>I<br>N<br>G     | Capacity                                       |                                 | kW                                 |          | 2.8                                         | 2.8                                | 2.8      | 3.6                | 3.6                                | 3.6      | 4.5                | 4.5     | 4.5   |
|                                     |                                                |                                 | BTU/h                              |          | 9600                                        | 9600                               | 9600     | 12300              | 12300                              | 12300    | 15400              | 15400   | 15400 |
|                                     |                                                |                                 | Sensible                           | kW       | 2.1                                         | 2.1                                | 2.1      | 2.6                | 2.6                                | 2.6      | 3.4                | 3.4     | 3.4   |
|                                     |                                                |                                 | Latent                             | kW       | 0.7                                         | 0.7                                | 0.7      | 1.0                | 1.0                                | 1.0      | 1.1                | 1.1     | 1.1   |
|                                     | Current                                        |                                 | A                                  |          | 0.35                                        | 0.35                               | 0.35     | 0.36               | 0.36                               | 0.36     | 0.44               | 0.44    | 0.44  |
|                                     | Input power                                    |                                 | W                                  |          | 29                                          |                                    |          | 32                 |                                    |          | 39                 |         |       |
|                                     | Annual consumption                             |                                 | W <sup>*4</sup>                    |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -     |
|                                     | EER/EER CLASS                                  |                                 | TOTAL(W/W) <sup>5</sup> /("A"~"G") |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -     |
|                                     | EER                                            |                                 | BTU/hW                             |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -     |
|                                     | Power factor                                   |                                 | %                                  |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -     |
| Noise indoor <sup>6</sup>           |                                                | dB-A (H/M/L)                    |                                    | 27/26/23 |                                             |                                    | 28/26/23 |                    |                                    | 30/27/26 |                    |         |       |
|                                     |                                                | Power Level dB                  |                                    | 42/41/38 |                                             |                                    | 43/41/38 |                    |                                    | 45/42/41 |                    |         |       |
| Noise outdoor                       |                                                | dB-A (H/L)                      |                                    | -        |                                             |                                    | -        |                    |                                    | -        |                    |         |       |
|                                     |                                                | Power Level dB                  |                                    | -        |                                             |                                    | -        |                    |                                    | -        |                    |         |       |
| H<br>E<br>A<br>T<br>I<br>N<br>G     | Capacity                                       |                                 | kW                                 |          | 3.2                                         | 3.2                                | 3.2      | 4.2                | 4.2                                | 4.2      | 5.0                | 5.0     | 5.0   |
|                                     |                                                |                                 | BTU/h                              |          | 10900                                       | 10900                              | 10900    | 14300              | 14300                              | 14300    | 17100              | 17100   | 17100 |
|                                     |                                                |                                 | kcal/h(Fri./h)                     |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -     |
|                                     | Current                                        |                                 | A                                  |          | 0.35                                        | 0.35                               | 0.35     | 0.36               | 0.36                               | 0.36     | 0.44               | 0.44    | 0.44  |
|                                     | Input power                                    |                                 | W                                  |          | 29                                          |                                    |          | 32                 |                                    |          | 39                 |         |       |
|                                     | COP/COP CLASS                                  |                                 | TOTAL(W/W) <sup>5</sup> /("A"~"G") |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -     |
|                                     | COP                                            |                                 | BTU/hW                             |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -     |
|                                     | Power factor                                   |                                 | %                                  |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       | -     |
|                                     | Noise indoor <sup>6</sup>                      |                                 | dB-A (H/M/L)                       |          | 27/26/23                                    |                                    |          | 28/26/23           |                                    |          | 30/27/26           |         |       |
|                                     |                                                |                                 | Power Level dB                     |          | 42/41/38                                    |                                    |          | 43/41/38           |                                    |          | 45/42/41           |         |       |
| Noise outdoor                       |                                                | dB-A (H/L)                      |                                    | -        |                                             |                                    | -        |                    |                                    | -        |                    |         |       |
|                                     |                                                | Power Level dB                  |                                    | -        |                                             |                                    | -        |                    |                                    | -        |                    |         |       |
| EXTRA LOW TEMP                      |                                                | Capacity(kW)/Input power(W)/COP |                                    | -        |                                             |                                    | -        |                    |                                    | -        |                    |         |       |
| Cooling                             | Max Current(A)/Max Input power(W)              |                                 | 0.58/65                            |          | 0.58/65                                     | 0.58/65                            | 0.58/65  | 0.58/65            | 0.58/65                            | 0.74/88  | 0.74/88            | 0.74/88 |       |
| Heating                             | Max Current(A)/Max Input power(W)              |                                 | 0.58/65                            |          | 0.58/65                                     | 0.58/65                            | 0.58/65  | 0.58/65            | 0.58/65                            | 0.74/88  | 0.74/88            | 0.74/88 |       |
| Starting current(A)/Comp output(W)  |                                                |                                 | -                                  |          | -                                           | -                                  | -        | -                  | -                                  | -        | -                  | -       |       |
| Time Delay fuse max size(A)         |                                                |                                 | 15                                 |          |                                             | 15                                 |          |                    | 15                                 |          |                    |         |       |
| Network Impedance(ΩMAX.)            |                                                |                                 | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |       |
| Fan motor output (Indoor/Outdoor) W |                                                |                                 | 40                                 |          | /                                           | -                                  | 40       | /                  | -                                  | 40       | /                  | -       |       |
| Moisture removal volume             |                                                |                                 | L/h                                |          | 1.1                                         |                                    |          | 1.7                |                                    |          | 1.8                |         |       |
| External static pressure            |                                                |                                 | Pa                                 |          | 15 (MIN15 - MAX30)                          |                                    |          | 15 (MIN15 - MAX40) |                                    |          | 15 (MIN15 - MAX40) |         |       |
| Indoor air flow <sup>6</sup>        | Cool                                           | m³/min (H/M/L)                  | 8.5 / 7.5 / 6.5                    |          |                                             | 9.0 / 8.0 / 7.0                    |          |                    | 13.0 / 11.0 / 10.5                 |          |                    |         |       |
|                                     | Heat                                           | m³/min (H/M/L)                  | 8.5 / 7.5 / 6.5                    |          |                                             | 9.0 / 8.0 / 7.0                    |          |                    | 13.0 / 11.0 / 10.5                 |          |                    |         |       |
| Outdoor air flow                    | Cool                                           | m³/min                          | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |       |
|                                     | Heat                                           | m³/min                          | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |       |
| Refrigerant type                    |                                                |                                 | R410A,R32                          |          |                                             | R410A,R32                          |          |                    | R410A,R32                          |          |                    |         |       |
| Product dimension                   | Height                                         | mm                              | 200                                |          |                                             | 200                                |          |                    | 200                                |          |                    |         |       |
|                                     | Width                                          | mm                              | 700                                |          |                                             | 700                                |          |                    | 900                                |          |                    |         |       |
|                                     | Depth                                          | mm                              | 450                                |          |                                             | 450                                |          |                    | 450                                |          |                    |         |       |
| Product dimension(PANEL)            |                                                | H×W×D                           | mm                                 |          | -                                           |                                    |          |                    |                                    |          |                    |         |       |
| Packing dimension                   |                                                | Height                          | mm                                 | 267      |                                             |                                    | 267      |                    |                                    | 267      |                    |         |       |
|                                     |                                                | Width                           | mm                                 | 910      |                                             |                                    | 910      |                    |                                    | 1110     |                    |         |       |
|                                     |                                                | Depth                           | mm                                 | 560      |                                             |                                    | 560      |                    |                                    | 560      |                    |         |       |
| Mass                                |                                                | (NET)                           | kg                                 | 17       |                                             |                                    | 17       |                    |                                    | 19       |                    |         |       |
|                                     |                                                | (GROSS)                         | kg                                 | 20       |                                             |                                    | 20       |                    |                                    | 23       |                    |         |       |
|                                     |                                                | Panel (NET)                     | kg                                 | -        |                                             |                                    |          |                    |                                    |          |                    |         |       |
| Layers limit (actually)             |                                                |                                 | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |       |
| Operation condition                 |                                                | Cool (DBT)                      | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |       |
|                                     |                                                | Heat (DBT)                      | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |       |
| P<br>I<br>P<br>E<br>I<br>N<br>G     | Pipe port diameter mm (inch)                   |                                 | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                                             | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                    | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                    |         |       |
|                                     | Pipe diameter mm (inch)                        |                                 | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                                             | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                    | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2) |          |                    |         |       |
|                                     | Connect method, Standard length m              |                                 | flared type                        |          |                                             | flared type                        |          |                    | flared type                        |          |                    |         |       |
|                                     | Pipe length range m                            |                                 | ~ ( ~ )                            |          |                                             | ~ ( ~ )                            |          |                    | ~ ( ~ )                            |          |                    |         |       |
|                                     | Indoor unit & Outdoor unit height difference m |                                 | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |       |
|                                     | Add gas amount g/m                             |                                 | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |       |
| Pipe length for additional gas m    |                                                |                                 | -                                  |          |                                             | -                                  |          |                    | -                                  |          |                    |         |       |

\*1: In case it is necessary to indicate the air flow volume in (l/s), the value in (m<sup>3</sup>/min.) shall be multiplied by 16.7 and rounded down the decimal point.

\*2: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

\*3: Network Impedance shall be applicable for EUROPE and CHINA models.

\*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

\*5: EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

\*6: H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1) Noise of L is indicated by at FAN mode

\* In the case of nanoe X OFF

## 4. Slim Low Static Ducted (Type M2)

### Unit Specifications (E)

|                                     |                                                |                |                                    |                    |                                             |         |         |  |  |  |  |  |  |
|-------------------------------------|------------------------------------------------|----------------|------------------------------------|--------------------|---------------------------------------------|---------|---------|--|--|--|--|--|--|
| INDOOR                              |                                                |                | MODEL                              |                    | S-56MM2EB                                   |         |         |  |  |  |  |  |  |
| PANEL                               |                                                |                | MODEL                              |                    | -                                           |         |         |  |  |  |  |  |  |
| Performance test condition          |                                                |                |                                    |                    | ISO15042 / AS/NZS3823.1 / EN14511 / EN12102 |         |         |  |  |  |  |  |  |
| Power supply                        |                                                |                | ø, Hz                              |                    | 1ø 50/60Hz                                  |         |         |  |  |  |  |  |  |
|                                     |                                                |                | V                                  |                    | 220V                                        | 230V    | 240V    |  |  |  |  |  |  |
| C<br>O<br>O<br>L<br>I<br>N<br>G     | Capacity                                       |                | kW                                 |                    | 5.6                                         | 5.6     | 5.6     |  |  |  |  |  |  |
|                                     |                                                |                | BTU/h                              |                    | 19100                                       | 19100   | 19100   |  |  |  |  |  |  |
|                                     |                                                |                | Sensible                           | kW                 | 4.1                                         | 4.1     | 4.1     |  |  |  |  |  |  |
|                                     |                                                |                | Latent                             | kW                 | 1.5                                         | 1.5     | 1.5     |  |  |  |  |  |  |
|                                     | Current                                        |                | A                                  |                    | 0.51                                        | 0.51    | 0.51    |  |  |  |  |  |  |
|                                     | Input power                                    |                | W                                  |                    | 54                                          |         |         |  |  |  |  |  |  |
|                                     | Annual consumption                             |                | W <sup>*4</sup>                    |                    | -                                           | -       | -       |  |  |  |  |  |  |
|                                     | EER/EER CLASS                                  |                | TOTAL(W/W) <sup>5</sup> /("A"~"G") |                    | -                                           | -       | -       |  |  |  |  |  |  |
|                                     | EER                                            |                | BTU/hW                             |                    | -                                           | -       | -       |  |  |  |  |  |  |
|                                     | Power factor                                   |                | %                                  |                    | -                                           | -       | -       |  |  |  |  |  |  |
|                                     | Noise indoor <sup>*6</sup>                     |                | dB-A (H/M/L)                       |                    | 32/29/27                                    |         |         |  |  |  |  |  |  |
|                                     |                                                |                | Power Level dB                     |                    | 47/44/42                                    |         |         |  |  |  |  |  |  |
| Noise outdoor                       |                                                | dB-A (H/L)     |                                    | -                  |                                             |         |         |  |  |  |  |  |  |
|                                     |                                                | Power Level dB |                                    | -                  |                                             |         |         |  |  |  |  |  |  |
| H<br>E<br>A<br>T<br>I<br>N<br>G     | Capacity                                       |                | kW                                 |                    | 6.3                                         | 6.3     | 6.3     |  |  |  |  |  |  |
|                                     |                                                |                | BTU/h                              |                    | 21500                                       | 21500   | 21500   |  |  |  |  |  |  |
|                                     |                                                |                | kcal/h(Fri./h)                     |                    | -                                           | -       | -       |  |  |  |  |  |  |
|                                     | Current                                        |                | A                                  |                    | 0.51                                        | 0.51    | 0.51    |  |  |  |  |  |  |
|                                     | Input power                                    |                | W                                  |                    | 54                                          |         |         |  |  |  |  |  |  |
|                                     | COP/COP CLASS                                  |                | TOTAL(W/W) <sup>5</sup> /("A"~"G") |                    | -                                           | -       | -       |  |  |  |  |  |  |
|                                     | COP                                            |                | BTU/hW                             |                    | -                                           | -       | -       |  |  |  |  |  |  |
|                                     | Power factor                                   |                | %                                  |                    | -                                           | -       | -       |  |  |  |  |  |  |
|                                     | Noise indoor <sup>*6</sup>                     |                | dB-A (H/M/L)                       |                    | 32/29/27                                    |         |         |  |  |  |  |  |  |
|                                     |                                                |                | Power Level dB                     |                    | 47/44/42                                    |         |         |  |  |  |  |  |  |
|                                     | Noise outdoor                                  |                | dB-A (H/L)                         |                    | -                                           |         |         |  |  |  |  |  |  |
|                                     |                                                |                | Power Level dB                     |                    | -                                           |         |         |  |  |  |  |  |  |
| EXTRA LOW TEMP                      | Capacity(kW)/Input power(W)/COP                |                |                                    |                    | -                                           |         |         |  |  |  |  |  |  |
| Cooling                             | Max Current(A)/Max Input power(W)              |                |                                    |                    | 0.74/88                                     | 0.74/88 | 0.74/88 |  |  |  |  |  |  |
| Heating                             | Max Current(A)/Max Input power(W)              |                |                                    |                    | 0.74/88                                     | 0.74/88 | 0.74/88 |  |  |  |  |  |  |
| Starting current(A)/Comp output(W)  |                                                |                |                                    |                    | -                                           | -       | -       |  |  |  |  |  |  |
| Time Delay fuse max size(A)         |                                                |                |                                    |                    | 15                                          |         |         |  |  |  |  |  |  |
| Network Impedance(QMAX.)            |                                                |                |                                    |                    | -                                           |         |         |  |  |  |  |  |  |
| Fan motor output (Indoor/Outdoor) W |                                                |                |                                    |                    | 40                                          | /       | -       |  |  |  |  |  |  |
| Moisture removal volume             |                                                |                | L/h                                |                    | 2.4                                         |         |         |  |  |  |  |  |  |
| External static pressure            |                                                |                | Pa                                 |                    | 15 (MIN15 - MAX40)                          |         |         |  |  |  |  |  |  |
| Indoor air flow <sup>*6</sup>       | Cool                                           | m³/min (H/M/L) |                                    | 15.0 / 13.0 / 11.0 |                                             |         |         |  |  |  |  |  |  |
|                                     | Heat                                           | m³/min (H/M/L) |                                    | 15.0 / 13.0 / 11.0 |                                             |         |         |  |  |  |  |  |  |
| Outdoor air flow                    | Cool                                           | m³/min         |                                    | -                  |                                             |         |         |  |  |  |  |  |  |
|                                     | Heat                                           | m³/min         |                                    | -                  |                                             |         |         |  |  |  |  |  |  |
| Refrigerant type                    |                                                |                |                                    |                    | R410A,R32                                   |         |         |  |  |  |  |  |  |
| Product dimension                   | Height                                         | mm             |                                    | 200                |                                             |         |         |  |  |  |  |  |  |
|                                     | Width                                          | mm             |                                    | 900                |                                             |         |         |  |  |  |  |  |  |
|                                     | Depth                                          | mm             |                                    | 450                |                                             |         |         |  |  |  |  |  |  |
| Product dimension(PANEL)            |                                                | H×W×D          |                                    | mm                 |                                             | -       |         |  |  |  |  |  |  |
| Packing dimension                   |                                                | Height         | mm                                 |                    | 267                                         |         |         |  |  |  |  |  |  |
|                                     |                                                | Width          | mm                                 |                    | 1110                                        |         |         |  |  |  |  |  |  |
|                                     |                                                | Depth          | mm                                 |                    | 560                                         |         |         |  |  |  |  |  |  |
| Mass                                |                                                | (NET)          | kg                                 |                    | 19                                          |         |         |  |  |  |  |  |  |
|                                     |                                                | (GROSS)        | kg                                 |                    | 23                                          |         |         |  |  |  |  |  |  |
|                                     |                                                | Panel (NET)    | kg                                 |                    | -                                           |         |         |  |  |  |  |  |  |
| Layers limit (actually)             |                                                |                |                                    |                    | -                                           |         |         |  |  |  |  |  |  |
| Operation condition                 |                                                | Cool (DBT)     |                                    | -                  |                                             |         |         |  |  |  |  |  |  |
|                                     |                                                | Heat (DBT)     |                                    | -                  |                                             |         |         |  |  |  |  |  |  |
| P<br>I<br>P<br>E<br>I<br>N<br>G     | Pipe port diameter mm (inch)                   |                |                                    |                    | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2)          |         |         |  |  |  |  |  |  |
|                                     | Pipe diameter mm (inch)                        |                |                                    |                    | (Liquid)Φ6.35(1/4) (Gas)Φ12.7(1/2)          |         |         |  |  |  |  |  |  |
|                                     | Connect method, Standard length m              |                |                                    |                    | flared type                                 |         |         |  |  |  |  |  |  |
|                                     | Pipe length range m                            |                |                                    |                    | ~ ( ~ )                                     |         |         |  |  |  |  |  |  |
|                                     | Indoor unit & Outdoor unit height difference m |                |                                    |                    | -                                           |         |         |  |  |  |  |  |  |
|                                     | Add gas amount g/m                             |                |                                    |                    | -                                           |         |         |  |  |  |  |  |  |
| Pipe length for additional gas m    |                                                |                |                                    | -                  |                                             |         |         |  |  |  |  |  |  |

\*1: In case it is necessary to indicate the air flow volume in (l/s), the value in (m<sup>3</sup>/min.) shall be multiplied by 16.7 and rounded down the decimal point.

\*2: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

\*3: Network Impedance shall be applicable for EUROPE and CHINA models.

\*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

\*5: EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

\*6: H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1) Noise of L is indicated by at FAN mode

\* In the case of nanoe X OFF