CASSETTE FAN COIL UNITS

**Features**
- Six sizes with integrated cooling and heating coils, two-pipe or two-pipe with electric heater, and four-pipe applications. Air flow range 100-400l/s, cooling capacity 1.6-8.7kW, heating capacity 2.2-15.5kW.
- The 42GW_AC is available with a new-generation three-speed AC motor. The 42GW_LEC is available with a variable-speed Low Energy Consumption EC motor.
- Designed for installation in false ceilings with an all-in-one air distribution grille.
- Reliable cooling and heating for offices, shops, restaurants, meeting rooms.
- Elegant air inlet grille, blends in with any room décor.
- Light and easy to install. The small chassis fits neatly with standard ceiling tiles.
- Four-way air distribution for individual comfort or localised control.
- New centrifugal fan and the fan/motor assembly ensure extra-quiet operation.
- Standard filter has a pleated surface that is 87% larger than in a conventional filter.
- Special diffuser design for rapid blending of supply and room air. Conditioned air is directed along the ceiling. Return air enters the unit through a large grille.
- High-performance condensate drain pump for fast and quiet condensate removal.
- Easy maintenance with direct access from below to all main components.

**Standard controls**

**Electronic thermostat**
- Four versions, A, B, C and D, with potentiometer
- EC versio, three configurable discrete speeds via 0–10 V signal
- Automatic or manual three-speed selection
- Automatic or manual change-over
- Electric heat control
- Comfort/economy/frost protection modes

**HDB controller**
- Digital display or infra-red terminal
- Unit grouping capability
- Adjustable settings and parameters
- Timer and daily scheduling

**NTC communicating controller**
- Network communication
- Aquasmart Evolution system compatible
- IAQ and DCV management
- Motorised blinds & lighting control

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**Options/accessories**
- Two- or four-way valves
- Fresh air inlet
- Conditioned air to adjacent room kit
- Electric heater
- Auxiliary drain pan

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Aquasmart New System Manager

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Air treatment

42GW
## Physical and electrical data, units with AC motors

### 42GW

#### Dimensions and weights

<table>
<thead>
<tr>
<th>All units</th>
<th>42GW 200/209</th>
<th>42GW 300/309</th>
<th>42GW 400/409</th>
<th>42GW 500/509</th>
<th>42GW 600/609</th>
<th>42GW 700/709</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (W x H x D)</td>
<td>115 x 600 x 275</td>
<td>180 x 560 x 275</td>
<td>250 x 560 x 275</td>
<td>320 x 560 x 275</td>
<td>390 x 560 x 275</td>
<td>460 x 560 x 275</td>
</tr>
<tr>
<td>Grille dimensions (W x H x D)</td>
<td>260 x 720 x 90</td>
<td>360 x 720 x 90</td>
<td>360 x 720 x 90</td>
<td>370 x 960 x 90</td>
<td>370 x 960 x 90</td>
<td>370 x 960 x 90</td>
</tr>
<tr>
<td>Weight unit/weight grille</td>
<td>14 kg/66 kg</td>
<td>16.5 kg/66 kg</td>
<td>16.5 kg/66 kg</td>
<td>27.5 kg/66 kg</td>
<td>27.5 kg/66 kg</td>
<td>39.6 kg/66 kg</td>
</tr>
</tbody>
</table>

Where two values are given the second value applies to units with two or four-way valves.

### Fan speed

- **Sound pressure level and NR values are based on a hypothetical sound attenuation for the room of -9 dB(A).**
- **Fan speeds: 1 = high, 2 = medium, 3 = low.
- **All other data is the same as for the units with AC motors.

**Note:** All other data is the same as for the units with AC motors.

### Electrical heater version

- Note: Fan speeds: 1 = high, 2 = medium, 3 = low.

### Water pressure drop

- *Fan speeds: 1 = high, 2 = medium, 3 = low.*

### Heating mode

- **Sound pressure level and NR values are based on a hypothetical sound attenuation for the room of -9 dB(A).**

### Cooling mode

- **Sound pressure level and NR values are based on a hypothetical sound attenuation for the room of -9 dB(A).**

### Current input

- *Fan speeds: 1 = high, 2 = medium, 3 = low.*

### Current input

- *Fan speeds: 1 = high, 2 = medium, 3 = low.*

### Current input

- *Fan speeds: 1 = high, 2 = medium, 3 = low.*

### Current input

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- *Fan speeds: 1 = high, 2 = medium, 3 = low.*