Concealed ceiling units
Why choose Daikin concealed ceiling units?

Daikin is a world leader in air conditioning and heating. So no matter what your needs, you will find the ideal solution in our wide range of products, both for heating and cooling. As an environmentally responsible company, all our products are designed to be highly efficient all year round with features like intelligent eye and weekly timer. Their low energy consumption is also reflected in lower energy bills. Our expertise makes life easier for you too, allowing you to control your system via a user-friendly remote control. Our units are whisper quiet and, with the perfect airflow pattern, they will create your ideal indoor climate. Daikin products are renowned for their reliability and efficiency and you can rely on service to match.

Why choose Daikin concealed ceiling units?

**Flexibility and comfort**

- Daikin concealed ceiling units offer maximum flexibility and performance in rooms with limited space or with irregular shape (L-shaped, U-shaped or long rooms).
- Ideal for use in small and large areas: External static pressure (ESP) is a deciding factor when choosing a type of duct.
- Flexible installation, as the air suction direction can be altered from rear to bottom suction.
- Their automatic air flow adjustment means that they are draught-free and can quickly reach the temperature you require.
- They are whisper quiet, operating at sound levels lower than 25 decibels.

**Unobtrusive design**

Concealed ceiling units offer an extremely unobtrusive solution as they are compact and only the discharge and intake grilles are visible.

**Energy efficient**

- Daikin concealed units have energy efficiency ratings of up to A++ and a low consumption DC motor.
What is an air-to-air heat pump?

Daikin heat pumps are silent and discreet, and use state-of-the-art technology to keep energy bills as low as possible. With a Daikin heat pump, 75% of the energy used to heat your premises comes from the outside air even in cold weather, a free and infinitely renewable resource. Only 25% is coming from electricity. For cooling, the system is reversed, extracting heat from the indoor air.

Inverter control optimises efficiency

Daikin’s inverter technology is a true innovation in the field of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement. This technology provides two clear benefits:

- **Comfort**: an inverter continuously regulates the heating and cooling output to adjust a room’s temperature, thus improving comfort levels. The inverter reduces start-up time, reaching required room temperature more quickly. Once reached, the inverter ensures that it is maintained.
- **Energy efficient**: by monitoring and adjusting the ambient temperature, energy consumption drops by 30% compared to a traditional on/off system.

Complete control

Every system comes with user-friendly controls so that you can manage your internal climate and airflow.

- Individual
- Centralised
- Building management system

Flexible scheduling control adapts to different seasons, it can monitor an entire building through an app or connect your controls to a building management system.

wired infrared centralised
Concealed ceiling unit with medium ESP

Slim, silent and discrete solution

Slimmest unit on the market in its range

NEW > With only **245mm height**, ceiling voids are no challenge any more. These units can swiftly be integrated in narrow ceiling voids

Easy to install and to set-up

> Unique Automatic air flow adjustment function selects the most appropriate fan curve to achieve the best comfort. With these concealed ceiling units, over 10 fan curves can be selected to select the most appropriate fan curve for your application

> Bottom & rear suction allow installation both at low depth and low height ceiling voids

> Up to **150Pa external static pressure (ESP)** to cope with most of duct & grille setups

Enhanced comfort

NEW > **Sound** level down to **25dBA** (FBQ) comparable to a bedroom at night time

Energy efficient solution

NEW > Top efficiency in the market! *A*

* For FBQ50D + RXS50L

Benefits

> Unnoticeable in operation

> Outstanding reliability

> Easy installation, even in the smallest of ceiling spaces

> Extremely efficient
Solution for commercial applications

The solution for the light commercial sector

Sky Air is Daikin’s industry-leading range for light commercial applications. It has been designed to offer optimum seasonal energy efficiency. The Sky Air range offers complete comfort solutions for all kinds of commercial spaces.

Three complementary outdoor units

Depending on your requirements, you can choose between three complementary outdoor units, each designed to offer the ideal solution for different situations.

Seasonal Smart units offer you advanced technologies and the highest seasonal efficiency values, as well as providing flexible installation and optimum comfort in all weather conditions.

Seasonal Classic units are highly efficient outdoor units which offer an excellent combination of technology and comfort in commercial applications and can operate at temperatures as low as -15°C.

Siesta Sky Air indoor units provide basic cooling and heating solutions for shops, offices and restaurants, leaving maximum floor space for furniture, decoration and fittings.

The solution for every medium to large commercial application

Daikin has over 90 years of expertise in heat pumps and has been market leader in VRV (Variable Refrigerant Volume) systems since the company invented them in 1982. VRV offers you the ultimate in customised comfort, intelligent control and maximum energy efficiency.

VRV for all climate conditions and needs

Depending on where you live or the solution you require, you can choose between different VRV outdoor units, each designed to offer the ideal solution for different situations.

Heat pump
Both cooling and heating can be supplied by the same unit, with 75% of the heat coming from the outside air and only 25% from the electricity supply.

Heat recovery
Both cooling and heating can be provided by the same unit, with only 25% coming from the electricity supply as 75% of the heat comes from the outside air. Heat can also be transferred from one place to another in the same building thus reducing energy cost even more!

Replacement
Update your older R-22 or R-407C system quickly, economically and efficiently with minimal downtime.

Water cooled
The VRV IV water cooled series offers an ideal solution for high rise buildings using water as a heat source.

Optimised for heating
Where heating takes priority without compromising on efficiency, with guaranteed operation down to -25°C.

Mini VRV
Space saving solution for residential and light commercial applications without compromising on efficiency.
Products overview concealed ceiling units

Small concealed ceiling unit
FD6Q-B / FXDQ-M9

- Designed for hotel bedrooms
  - Compact dimensions enable installation in narrow ceiling voids leaving only the grilles visible
  - No disturbing sound to ensure a good night rest
  - Flexible installation as the air suction direction can be altered from rear to bottom suction
  - Easy mounting, drain pan can be located left or right of the unit

Concealed ceiling unit with high ESP
FDQ-B / FXMQ-MA9

- ESP up to 270Pa
- Ideal for extra large sized spaces
  - Discretely concealed in the ceiling: only the suction and discharge grilles are visible
  - Up to 31.5kW (FXMQ-MA9) in heating mode

Slim concealed ceiling unit
FDXS-F(9) / FXDQ-A

- ESP up to 44Pa
- Ideal for flexible installation
  - Compact dimensions enable installation in narrow ceiling voids leaving only the grilles visible
  - Medium external static pressure up to 40Pa (FDXS-F), up to 44Pa (FXDQ-A)
  - Small capacity unit developed for small of well insulated rooms

FDQ-C / FXMQ-P7

- ESP up to 200Pa, ideal for large sized buildings
- Optimum comfort guaranteed no matter the length of ductwork or type of grilles, thanks to automatic air flow adjustment
  - Discretely concealed in the ceiling: only the grilles are visible
  - Flexible installation as the air suction direction can be altered from rear to bottom suction

Concealed ceiling unit with medium ESP
FBQ-D / FXSQ-A

- ESP up to 150Pa
- Optimum comfort guaranteed no matter the length of ductwork or type of grilles
  - Amongst the slimmest concealed ceiling units in the market: a height of only 245mm
  - Assuring comfort at all times: flexibility to set the required fan curve manually or automatically selecting the correct fan curve
  - Top efficiency in the market!
  - 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices etc.
  - Sound levels down to 25dB(A)
  - Flexible installation, as the air suction direction can be altered from rear to bottom suction
  - Standard built-in drain pump increases flexibility and installation speed

Siesta Concealed ceiling unit
ABQ-C

- ESP up to 150Pa
- Ideal for medium sized shops with false ceilings
  - Discretely concealed in the ceiling: only the grilles are visible
  - Air filter ensures steady supply of clean air
  - Easy installation and maintenance
  - Exclusively offered for pair applications
Benefits overview

### Seasonal efficiency - Smart use of energy
Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season.

### Inverter technology
In combination with inverter controlled outdoor units.

### Home leave operation
During absence, the indoor temperature can be maintained at a certain level.

### Fan only
The air conditioner can be used as fan, blowing air without cooling or heating.

### Whisper quiet
Dakin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood.

### Auto cooling-heating changeover
Automatically selects cooling or heating mode to achieve the set temperature.

### Air filter
Removes airborne dust particles to ensure a steady supply of clean air.

### Dry programme
Allows humidity levels to be reduced without variations in room temperature.

### Fan speed steps
Allows to select up to the given number of fan speed.

### Weekly timer
Timer can be set to start operation anytime on a daily or weekly basis. Depending on controller.

### Infrared remote control
Infrared remote control with LCD to start, stop and regulate the air conditioner from a distance.

### Wired remote control
Wired remote control to start, stop and regulate the air conditioner from a distance.

### Centralised control
Centralised control to start, stop and regulate several air conditioners from one central point.

### Auto-restart
The unit restarts automatically at the original settings after power failure.

### Self-diagnosis
Simplifies maintenance by indicating system faults or operating anomalies.

### Drain pump kit
Facilitates condensation draining from the indoor unit.

### Multi tenant
The indoor unit’s main power supply can be turned off when leaving the hotel or office building.

### Twin/triple/double twin application
2, 3 or 4 indoor units can be connected to only 1 outdoor unit even if they have different capacities. All indoor units operate within the same mode (cooling or heating) from one remote control.

### Multi model application
Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.

### VRV for residential application
Up to 9 indoor units (even different capacities and up to 71 class) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.
FDBQ-B / FXDQ-M9

Small concealed ceiling unit

Designed for hotel applications

› Compact unit (230mm high & 652mm deep), can easily be mounted in narrow ceiling voids
› Discretely concealed in the ceiling: only the suction and discharge grilles are visible
› Whisper quiet operation: down to 28dBA sound pressure level
› Flexible installation, as the air suction direction can be altered from rear to bottom suction
› For easy mounting, the drain pan can be located to the left or right of the unit

Indoor unit FDXQ 20M9 25M9

- **Cooling capacity Nom. kW** 2.2 2.8
- **Heating capacity Nom. kW** 2.5 3.2
- **Power input - 50Hz**
  - **Cooling Nom. kW** 0.050
  - **Heating Nom. kW** 0.050
- **Dimensions Unit**
  - **Width mm** 230
  - **Depth mm** 502
  - **Height mm** 652
  - **Depth mm** 652
- **Required ceiling void > mm** 250
- **Weight Unit kg** 17
- **Casing Colour** Unpainted
- **Material** Galvanized steel
- **Fan-Air flow rate - 50Hz**
  - **Cooling High/Low m³/min** 6.7/5.2 7.4/5.8
  - **Heating High/Low m³/min** 6.7/5.2 7.4/5.8
- **Air filter Type** Resin net with mold resistance
- **Sound power level**
  - **Cooling Nom. dBA** 50
  - **Heating Nom. dBA** 37/32
- **Refrigerant Type / GWP** R-410A / 2.087,5
- **Piping connections**
  - **Liquid OD mm** 6.35
  - **Gas OD mm** 12.7
  - **Drain ID, OD mm** 21.6, 27.2
- **Power supply Phase/Frequency/Voltage Hz/V** 1~/50/230
- **Current - 50Hz Maximum fuse amps (MFA) A** 16
- **Control systems**
  - Infrared remote control BRC4C62
  - Wired remote control
  - Simplified wired remote control for hotel applications BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)
  - Wired remote control

Outdoor unit only available in multi model application

Combination with multi outdoor units is ideal for smaller applications such as retail or residential applications

FDBQ25B / FXDQ-M9

VRV

Fully integrated solutions for medium to large commercial environments

<table>
<thead>
<tr>
<th>Indoor unit</th>
<th>FDXQ</th>
<th>20M9</th>
<th>25M9</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling capacity Nom. kW</strong></td>
<td>2.2</td>
<td>2.8</td>
<td></td>
</tr>
<tr>
<td><strong>Heating capacity Nom. kW</strong></td>
<td>2.5</td>
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<tr>
<td><strong>Power input - 50Hz</strong></td>
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<tr>
<td><strong>Cooling Nom. kW</strong></td>
<td>0.050</td>
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<tr>
<td><strong>Heating Nom. kW</strong></td>
<td>0.050</td>
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<tr>
<td><strong>Dimensions Unit</strong></td>
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<tr>
<td><strong>Width mm</strong></td>
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<tr>
<td><strong>Depth mm</strong></td>
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<td><strong>Height mm</strong></td>
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<tr>
<td><strong>Required ceiling void &gt; mm</strong></td>
<td>250</td>
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<tr>
<td><strong>Weight Unit kg</strong></td>
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<tr>
<td><strong>Casing Colour</strong></td>
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<td><strong>Material</strong></td>
<td>Galvanized steel</td>
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<tr>
<td><strong>Fan-Air flow rate - 50Hz</strong></td>
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<tr>
<td><strong>Cooling High/Low m³/min</strong></td>
<td>6.7/5.2</td>
<td></td>
<td></td>
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<tr>
<td><strong>Heating High/Low m³/min</strong></td>
<td>6.7/5.2</td>
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<tr>
<td><strong>Air filter Type</strong></td>
<td>Resin net with mold resistance</td>
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<td></td>
</tr>
<tr>
<td><strong>Sound power level</strong></td>
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<tr>
<td><strong>Cooling Nom. dBA</strong></td>
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<tr>
<td><strong>Heating Nom. dBA</strong></td>
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<tr>
<td><strong>Refrigerant Type / GWP</strong></td>
<td>R-410A / 2.087,5</td>
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<td><strong>Piping connections</strong></td>
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<tr>
<td><strong>Liquid OD mm</strong></td>
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<td><strong>Gas OD mm</strong></td>
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<td><strong>Drain ID, OD mm</strong></td>
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<td><strong>Power supply Phase/Frequency/Voltage Hz/V</strong></td>
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<tr>
<td><strong>Current - 50Hz Maximum fuse amps (MFA) A</strong></td>
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<tr>
<td><strong>Control systems</strong></td>
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<tr>
<td><strong>Infrared remote control</strong></td>
<td>BRC4C62</td>
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<tr>
<td><strong>Wired remote control</strong></td>
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<tr>
<td><strong>Simplified wired remote control for hotel applications</strong></td>
<td>BRC2E52C (heat recovery type) / BRC3E52C (heat pump type)</td>
<td></td>
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</tr>
</tbody>
</table>

SkyAir

Indoor unit FDBQ 25B

<table>
<thead>
<tr>
<th>Dimensions Unit</th>
<th>HeightxWidthxDepth mm</th>
<th>230x652x502</th>
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</thead>
<tbody>
<tr>
<td><strong>Sound power level</strong></td>
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</tr>
<tr>
<td><strong>Cooling dBA</strong></td>
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<tr>
<td><strong>Heating dBA</strong></td>
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<tr>
<td><strong>Sound pressure level</strong></td>
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<tr>
<td><strong>Cooling High/Low dBA</strong></td>
<td>35.0/28.0</td>
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</tr>
<tr>
<td><strong>Heating High/Low dBA</strong></td>
<td>35.0/29.0</td>
<td></td>
</tr>
<tr>
<td><strong>Control systems</strong></td>
<td>Wired remote control</td>
<td></td>
</tr>
</tbody>
</table>

(1) Contains fluorinated greenhouse gas.
**Slim concealed ceiling unit**

- Compact dimensions, can easily be mounted in a ceiling void of only 240mm.
- Medium external static pressure up to 40Pa (FDXS) and 44Pa (FXDQ) facilitates unit use with flexible ducts of varying lengths.
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible.
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc. (FXDQ).
- Standard drain pump with 750mm lift increases flexibility and installation speed (FDXQ).

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### Indoor unit

<table>
<thead>
<tr>
<th>Type</th>
<th>FXDQ</th>
<th>15A</th>
<th>20A</th>
<th>25A</th>
<th>32A</th>
<th>40A</th>
<th>50A</th>
<th>63A</th>
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</thead>
<tbody>
<tr>
<td>Power input</td>
<td>Cooling Nom. kW</td>
<td>1.7</td>
<td>2.2</td>
<td>2.8</td>
<td>3.6</td>
<td>4.5</td>
<td>5.6</td>
<td>7.1</td>
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<tr>
<td></td>
<td>Heating Nom. kW</td>
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<td>2.5</td>
<td>3.2</td>
<td>4.0</td>
<td>5.6</td>
<td>6.3</td>
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<tr>
<td>Dimensions</td>
<td>Unit Height x Width x Depth mm</td>
<td>200x750x620</td>
<td>200x1150x620</td>
<td>200x1150x620</td>
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<td>Weight</td>
<td>Unit kg</td>
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<td>29</td>
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<td>Fan Air flow</td>
<td>Cooling High/Nom./Low dBA</td>
<td>35/33/27</td>
<td>38/36/30</td>
<td>38/36/30</td>
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<td>38/36/30</td>
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<td>Phase/Frequency/Voltage Hz/V</td>
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<td>1~/50/60</td>
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<td>1~/50/60</td>
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<td>Wired remote control</td>
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<td>BRC1E52A/B</td>
<td>BRC1E52A/B</td>
<td>BRC1E52A/B</td>
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<td>BRC1E52A/B</td>
<td>BRC1E52A/B</td>
</tr>
</tbody>
</table>

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### FXDS-F(9) / FXDQ-A

- Slim design for flexible installation.
- Fully integrated solutions for medium to large commercial environments.
- Indoor unit FXDQ 15A 20A 25A 32A 40A 50A 63A
- Cooling capacity Nom. kW: 1.7, 2.2, 2.8, 3.6, 4.5, 5.6, 7.1
- Heating capacity Nom. kW: 1.9, 2.5, 3.2, 4.0, 5.6, 6.3, 8.0
- Fan Air flow rate - 50Hz Cooling High/Nom./Low m³/min: 7.5/7.0/6.4, 8.0/7.2/6.4, 10.5/9.5/8.5, 12.5/11.0/10.0, 16.5/14.5/13.0
- Sound power level Cooling Nom. dBA: 53, 55, 56
- Sound pressure level Cooling High/Nom./Low dBA: 35/33/27, 38/36/30, 38/36/30
- Refrigerant Type: R-410A/GWP: 2.087.5
- Power supply Phase/Frequency/Voltage Hz/V: 1~/50/60 | 1~/50/60 | 1~/50/60 | 1~/50/60 | 1~/50/60 | 1~/50/60 | 1~/50/60
- Current - 50Hz Maximum fuse amps (MFA) A: 16
- Control systems Wired remote control BRC1D52 / BRC1E52A/B

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### SkyAir

- Slim design for flexible installation.
- Fully integrated solutions for medium to large commercial environments.
- Indoor unit FXDQ 25F 35F 50F 60F
- Cooling capacity Nom. kW: 2.40, 3.40, 5.00, 6.00
- Heating capacity Nom. kW: 3.20, 4.00, 5.80, 7.00
- Power input Cooling Nom. kW: 0.65, 1.15, 1.87, 2.180
- Heating Nom. kW: 0.80, 1.15, 1.870, 2.190
- Seasonal efficiency (according to EN14825)

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### Combination with split outdoor units is ideal for smaller applications such as retail or residential applications

- Efficiency data FXDS + RXS 25F + 25L3 35F + 35L3 50F + 50L 60F + 60L
- Cooling capacity Nom. kW: 2.4, 3.40, 5.00, 6.00
- Heating capacity Nom. kW: 3.20, 4.00, 5.80, 7.00
- Seasonal efficiency (according to EN14825) Energy label A/A, A/A, A/A
- Heating (Average climate) Energy label A/A, A/A, A/A
- Nominal efficiency EER/COP: 2.74/4.00, 2.96/4.48, 3.03/4.10, 2.91/4.21

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### Outdoor unit

- Power supply Phase/Frequency/ Voltage Hz/V: 1~/50/220-240 | 1~/50/220-230-240
- Power supply Contains fluorinated greenhouse gases

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This information is subject to change without notice. For more detailed specifications, please refer to the manufacturer's official documentation.
Concealed ceiling unit with medium ESP

- Top efficiency in the market
- Automatic air flow adjustment function selects the most appropriate fan curve to achieve the best comfort
- Compact unit can easily be mounted in a ceiling void of only 285mm, leaving only suction and discharge grilles visible
- Sound levels lower than 29dBa
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Flexible installation as the air suction direction can be altered from rear to bottom suction
- Standard built-in drain pump increases the reliability of the drain system
- Standard plug and play connection with intelligent control systems

FBQ-D / FXSQ-A

Indoor unit FBQ 15A 20A 25A 32A 40A 50A 63A 80A 100A 125A 140A
Cooling capacity Nom. kW 1.7 2.2 2.8 3.6 4.5 5.6 7.1 9.0 11.2 14.0 16.0
Heating capacity Nom. kW 1.9 2.5 3.2 4.0 5.0 6.3 8.0 10.0 10.0 26.0 18.0
Power input - 50Hz Cooling Nom. kW 41 45 49 52 55 59 65 71 80 86 114
Heating Nom. kW 41 45 49 52 55 59 65 71 80 86 114
Dimensions Unit Height x Width x Depth mm 245 x 700 x 800 245 x 1,000 x 800 245 x 1,400 x 800
Fan - External static pressure High/Nom. Pa 150/30 150/40 150/30
Sound power level Cooling dBA 60 56 58 62
Sound pressure level Cooling High/Medium/Low dBA 35/32/29 30/28/25 34/32/30 37/35/32
Control systems Infrared remote control BRC4C65
Wired remote control BRC1D52 / BRC1E52A/B

Concealed ceiling unit with medium ESP

- Optimum comfort guaranteed no matter the length of ductwork or type of grilles

VRV

Fully integrated solutions for medium to large commercial environments

Indoor unit FXSQ 15A 20A 25A 32A 40A 50A 63A 80A 100A 125A 140A
Cooling capacity Nom. kW 1.7 2.2 2.8 3.6 4.5 5.6 7.1 9.0 11.2 14.0 16.0
Heating capacity Nom. kW 1.9 2.5 3.2 4.0 5.0 6.3 8.0 10.0 10.0 26.0 18.0
Power input - 50Hz Cooling Nom. kW 41 45 49 52 55 59 65 71 80 86 114
Heating Nom. kW 41 45 49 52 55 59 65 71 80 86 114
Dimensions Unit Height x Width x Depth mm 245 x 700 x 800 245 x 1,000 x 800 245 x 1,400 x 800 245 x 1,550 x 800
Fan - External static pressure High/Nom. Pa 150/30 150/40 150/50
Sound power level Cooling Nom. dBA 60 56 58 62
Sound pressure level Cooling High/Medium/Low dBA 35/32/29 30/28/25 34/32/30 37/35/32
Refrigerant Type / GWP R-410A / 2.087,5
Piping connections Liquid OD mm Ø 8.35 (FLARE) Ø 9.52 (FLARE)
Gas OD mm Ø 12.7 (FLARE) Ø 15.9 (FLARE)
Power supply Phase/Frequency/Voltage Hz/V 50Hz 220-240V
Control systems Infrared remote control BRC4C65
Simplified wired remote control for hotel applications BRC2ES2C (heat recovery type) / BRC2ES2C (heat pump type)
Wired remote control BRC1D52 / BRC1E52A/B

SkyAir

Indoor unit FXSQ 35D 50D 60D 71D 100D 125D 140D
Cooling capacity Nom. kW 3.4 4.0 5.0 6.8 8.4 10.5 12.6
Heating capacity Nom. kW 1.9 2.5 3.2 4.0 5.0 6.3 8.0
Power input Cooling Nom. kW 3.4 4.0 5.0 6.8 8.4 10.5 12.6
Heating Nom. kW 1.9 2.5 3.2 4.0 5.0 6.3 8.0
Seasonal efficiency (according to EN14825) Cooling Energy label A++ A++ A+
Heating (Average climate) Energy label A+ A+ A+
Nominal efficiency EER/COP 3.99/4.32 3.52/3.83 3.45/3.71
Combination with split outdoor units is ideal for smaller applications such as retail or residential applications

ERB/COP according to Eurovent 2012 for use outside EU only | Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load

BRC4C65

Fully integrated solutions for medium to large commercial environments

Indoor unit FBQ 35D 50D 60D 71D 100D 125D 140D
Cooling capacity Nom. kW 3.4 4.0 5.0 6.8 8.4 10.5 12.6
Heating capacity Nom. kW 1.9 2.5 3.2 4.0 5.0 6.3 8.0
Power input Cooling Nom. kW 3.4 4.0 5.0 6.8 8.4 10.5 12.6
Heating Nom. kW 1.9 2.5 3.2 4.0 5.0 6.3 8.0
Seasonal efficiency (according to EN14825) Cooling Energy label A++ A++ A+
Heating (Average climate) Energy label A+ A+ A+
Nominal efficiency EER/COP 3.99/4.32 3.52/3.83 3.45/3.71
Combination with split outdoor units is ideal for smaller applications such as retail or residential applications

ERB/COP according to Eurovent 2012, for use outside EU only | Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load

Combination with split outdoor units is ideal for smaller applications such as retail or residential applications

Efficiency data FBQ + RXS 35D + 35L 50D + 50L 60D + 60L
Cooling capacity Nom. kW 3.4 4.0 5.0 6.8 8.4 10.5 12.6
Heating capacity Nom. kW 1.9 2.5 3.2 4.0 5.0 6.3 8.0
Power input Cooling Nom. kW 3.4 4.0 5.0 6.8 8.4 10.5 12.6
Heating Nom. kW 1.9 2.5 3.2 4.0 5.0 6.3 8.0
Seasonal efficiency (according to EN14825) Cooling Energy label A++ A++ A+
Heating (Average climate) Energy label A+ A+ A+
Nominal efficiency EER/COP 3.99/4.32 3.52/3.83 3.45/3.71
Combination with split outdoor units is ideal for smaller applications such as retail or residential applications

ERB/COP according to Eurovent 2012, for use outside EU only | Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load

Contains fluorinated greenhouse gases
### Combination with Seasonal Smart ensures high quality, optimal comfort, flexible installation and highest efficiency values

#### Efficiency data

<table>
<thead>
<tr>
<th>Seasonal efficiency (according to EN14825)</th>
<th>Outdoor unit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling capacity</strong></td>
<td>Nom. kW</td>
</tr>
<tr>
<td><strong>Heating capacity</strong></td>
<td>Nom. kW</td>
</tr>
<tr>
<td><strong>Power input</strong></td>
<td>Nom. kW</td>
</tr>
<tr>
<td><strong>Seasonal efficiency</strong></td>
<td>Energy label</td>
</tr>
<tr>
<td><strong>Annual energy consumption</strong></td>
<td>kWh</td>
</tr>
</tbody>
</table>

#### Nominal efficiency

| **EER** | 3.43 | 3.64 | 3.35 | 3.35 | 3.43 | 3.64 | 3.35 | 3.35 |
| **COP** | 3.92 | 4.24 | 3.67 | 3.67 | 3.92 | 4.24 | 3.67 | 3.67 |

#### Refrigerant

| **Type/Charge/GWP** | R-410A / 2.9 / 2,087.5 |

#### Outdoor unit

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Unit HeightxWidthxDepth mm</th>
<th>71L9V1</th>
<th>100L9V1</th>
<th>125L9V1</th>
<th>140L9V1</th>
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</thead>
<tbody>
<tr>
<td>Sound power level</td>
<td>Cooling dBA</td>
<td>65</td>
<td>70</td>
<td>69</td>
<td>70</td>
</tr>
<tr>
<td>Sound pressure level</td>
<td>Heating dBA</td>
<td>49</td>
<td>53</td>
<td>54</td>
<td>53</td>
</tr>
<tr>
<td>Operation range</td>
<td>Heating Ambient Min.-Max. °CWB</td>
<td>-15.0/-46</td>
<td>-15.0/-46</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Refrigerant

| **Type/Charge/GWP** | R-410A/2,087.5 |

#### Power supply

| Phase/Frequency/Voltage Hz/Hz | 1~/50/220-240 |

Contains fluorinated greenhouse gases.
Concealed ceiling unit with high ESP

ESP up to 200, ideal for large sized spaces

- High external static pressure up to 200Pa facilitates using flexible ducts of varying lengths
- Automatic air flow adjustment function selects the most appropriate fan curve to achieve the best comfort
- Reduced energy consumption thanks to specially developed DC fan motor
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Flexible installation as the air suction direction can be altered from rear to bottom suction
- Standard built-in drain pump increases the flexibility and installation speed
- No optional adapter needed for DIII-connection, link your unit into the wider building management system

Outdoor unit RZQG/RZQSG 125L9V1 125L8Y1 125L9V1 125L8Y1

Dimensions
Unit HeightxWidthxDepth mm 1,430x940x320 990x940x320
Colour White (10Y9/0.5)

Sound power level
Cooling Nom. dBA 67 70
Heating High/Low dBA 40/33

Control systems
Infrared remote control BRC4CS5
Wired remote control BRC1DS2 / BRC1ES2A/B

Indoor unit FDQ 125C

Casing Colour Not painted (galvanised)

Dimensions
Unit HeightxWidthxDepth mm 300x1,400x700
Colour White (10Y9/0.5)

Sound pressure level
Cooling High/Low dBA 66

Air filter
Type Braided mesh with mild resistance

FDQ-C

Seasonal Smart
Combination with Seasonal Smart ensures high quality, optimal comfort, flexible installation and highest efficiency values

Seasonal Classic
Combination with Seasonal Classic ensures good value for money for all types of light commercial applications

Efficiency data

<table>
<thead>
<tr>
<th>Seasonal Smart</th>
<th>Seasonal Classic</th>
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</thead>
<tbody>
<tr>
<td><strong>FDQ + RZQG/RZQSG</strong></td>
<td><strong>125C + 125L9V1</strong></td>
</tr>
<tr>
<td><strong>Cooling capacity</strong> Nom. kW</td>
<td>12.0</td>
</tr>
<tr>
<td><strong>Heating capacity</strong> Nom. kW</td>
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<tr>
<td><strong>Power input</strong> Nom. kW</td>
<td>4.20</td>
</tr>
<tr>
<td><strong>Seasonal efficiency</strong> (according to EN14825)</td>
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<tr>
<td><strong>Energy label</strong></td>
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<tr>
<td><strong>SEER</strong></td>
<td>5.81</td>
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<td><strong>Annual energy consumption kWh</strong></td>
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<td><strong>Heating (Average climate)</strong></td>
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<td><strong>Energy label</strong></td>
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<tr>
<td><strong>SCOP</strong></td>
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<td><strong>Annual energy consumption kWh</strong></td>
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<tr>
<td><strong>Nominal efficiency</strong></td>
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<td><strong>EER</strong></td>
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<tr>
<td><strong>COP</strong></td>
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<tr>
<td><strong>Annual energy consumption kWh</strong></td>
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</table>

Energy label: Cooling/Heating A/A

Outdoor unit RZQG/RZQSG 125L9V1 125L8Y1 125L9V1 125L8Y1

Dimensions
Unit HeightxWidthxDepth mm 1,430x940x320 990x940x320
Sound power level
Cooling dBA 67 70
Sound pressure level
Cooling Nom. dBA 51 54
Heating Nom. dBA 53 58
Night quiet mode Level 1 dB 45 49
Operation range
Heating Ambient Min./Max. °CDB -15 to 50 -15 to 46
Refrigerant Type/GWP | R-410A/2,087.5 |
Charge kg/TCO, Eq | 4/4 |
Power supply

Contains fluorinated greenhouse gases
Concealed ceiling unit with high ESP

Ideal for large sized spaces

FXMQ-P7: ESP up to 200

- Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, whatever the length of duct, making installation easier and guaranteeing comfort. Moreover, the ESP can be changed via the wired remote control to optimize the supply air volume
- High external static pressure up to 200Pa facilitates using flexible ducts of varying lengths
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Reduced energy consumption thanks to specially developed DC fan motor
- Flexible installation, as the air suction direction can be altered from rear to bottom suction
- Standard built-in drain pump increases flexibility and installation speed

FXMQ-MA9: ESP up to 270

- High external static pressure up to 270Pa facilitates using flexible ducts of varying lengths
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Large capacity unit: up to 31.5 kW heating capacity

**Fully integrated solutions for medium to large commercial environments**

<table>
<thead>
<tr>
<th>Indoor unit</th>
<th>FXMQ</th>
<th>50P7</th>
<th>63P7</th>
<th>80P7</th>
<th>100P7</th>
<th>125P7</th>
<th>200MA9</th>
<th>250MA9</th>
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<tbody>
<tr>
<td>Cooling capacity</td>
<td>Nom. kW</td>
<td>5.6</td>
<td>7.1</td>
<td>9.0</td>
<td>11.2</td>
<td>14.0</td>
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<td>28.0</td>
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<td>Heating capacity</td>
<td>Nom. kW</td>
<td>6.3</td>
<td>8.0</td>
<td>10.0</td>
<td>12.5</td>
<td>16.0</td>
<td>25.0</td>
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<td>Power input - 50Hz</td>
<td>Cooling Nom. kW</td>
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<td>0.120</td>
<td>0.171</td>
<td>0.176</td>
<td>0.241</td>
<td>1.294</td>
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<tr>
<td></td>
<td>Heating Nom. kW</td>
<td>0.098</td>
<td>0.108</td>
<td>0.159</td>
<td>0.164</td>
<td>0.229</td>
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<td>Width</td>
<td>mm</td>
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<td>Depth</td>
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<td>Unit</td>
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<td>Casing</td>
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<td>Decoration panel</td>
<td>Model</td>
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<td>BYBS12DJW1</td>
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<td>Colour</td>
<td>White (10Y9/0.5)</td>
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<td>HeightxWidthxDepth</td>
<td>mm</td>
<td>55x1,100x500</td>
<td>55x1,500x500</td>
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<tr>
<td>Fan-Air flow rate - 50Hz</td>
<td>Cooling High/Nom./Low m³/min</td>
<td>18/16.5/15</td>
<td>19.5/17.8/16</td>
<td>25/22/20</td>
<td>32/27.5/23</td>
<td>39/35/35</td>
<td>58/-/50</td>
<td>72/-/62</td>
</tr>
<tr>
<td></td>
<td>Heating High/Nom./Low m³/min</td>
<td>18/16.5/15</td>
<td>19.5/17.8/16</td>
<td>25/22/20</td>
<td>32/27.5/23</td>
<td>39/35/35</td>
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<tr>
<td>Fan-External static pressure - 50Hz</td>
<td>High/Nom.</td>
<td>Pa</td>
<td>200/100</td>
<td>221/132</td>
<td>270/191</td>
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<td>Air filter</td>
<td>Type</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Sound power level</td>
<td>Cooling Nom./Nom. dBA</td>
<td>61/-</td>
<td>64/-</td>
<td>68/-</td>
<td>70/-</td>
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<tr>
<td></td>
<td>Heating Nom./Nom. dBA</td>
<td>41/39/37</td>
<td>42/40/38</td>
<td>43/41/39</td>
<td>44/42/40</td>
<td>48/45</td>
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<tr>
<td>Sound pressure level</td>
<td>Cooling Nom./Nom. dBA</td>
<td>41/39/37</td>
<td>42/40/38</td>
<td>43/41/39</td>
<td>44/42/40</td>
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<tr>
<td></td>
<td>Heating Nom./Nom. dBA</td>
<td>41/39/37</td>
<td>42/40/38</td>
<td>43/41/39</td>
<td>44/42/40</td>
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<tr>
<td>Refrigerant</td>
<td>Type</td>
<td>R-410A / 2.087</td>
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<td></td>
<td></td>
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<tr>
<td>Piping connections</td>
<td>Liquid OD mm</td>
<td>6.35</td>
<td>9.52</td>
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<td></td>
<td>Gas</td>
<td>OD mm</td>
<td>12.7</td>
<td>15.9</td>
<td>19.1</td>
<td>22.2</td>
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<tr>
<td>Power supply</td>
<td>Phase/Frequency/Voltage Hz/V</td>
<td>1/-/50/220-240/220</td>
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<td>Current - 50Hz</td>
<td>Maximum fuse amps (MA) A</td>
<td>16</td>
<td>15</td>
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<tr>
<td>Control systems</td>
<td>Infrared remote control</td>
<td>BRC4G65</td>
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<tr>
<td></td>
<td>Wired remote control</td>
<td>BRC2ES2C (heat recovery type) / BRC1ES2C (heat pump type)</td>
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</tr>
</tbody>
</table>

Contains fluorinated greenhouse gases
Concealed ceiling unit with high ESP

ESP up to 250, ideal for extra large sized spaces

- High external static pressure up to 250Pa facilitates using flexible ducts of varying lengths
- Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- Up to 26.4kW in heating mode

Indoor unit FDQ 200B 250B

<table>
<thead>
<tr>
<th>Casing</th>
<th>Colour</th>
<th>200B</th>
<th>250B</th>
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<tr>
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<td>Unpainted</td>
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Dimensions

<table>
<thead>
<tr>
<th>Unit</th>
<th>HeightxWidthxDepth mm</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>450x1,400x900</td>
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Sound power level

<table>
<thead>
<tr>
<th>Cooling</th>
<th>dBA</th>
<th>81</th>
<th>82</th>
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Sound pressure level

<table>
<thead>
<tr>
<th>Cooling</th>
<th>dBA</th>
<th>45.0</th>
<th>47.0</th>
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</thead>
<tbody>
<tr>
<td>Heating</td>
<td>dBA</td>
<td>45.0</td>
<td>47.0</td>
</tr>
</tbody>
</table>

Control systems

- Wired remote control: BRC1DS2 / BRC1ES2A/B

Combination with Super Inverter outdoor units ensure high quality solutions of commercial applications

<table>
<thead>
<tr>
<th>Efficiency data</th>
<th>FDQ + RZQ</th>
<th>200B + 200C</th>
<th>250B + 250C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>kW</td>
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</tr>
<tr>
<td>Cooling</td>
<td>20.0 (1)</td>
<td>24.1 (1)</td>
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<tr>
<td>Heating</td>
<td>23.0 (2)</td>
<td>26.4 (2)</td>
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Power input

<table>
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<tr>
<th>Power input</th>
<th>kW</th>
<th>kW</th>
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<tbody>
<tr>
<td>Cooling</td>
<td>6.23</td>
<td>6.58</td>
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<tr>
<td>Heating</td>
<td>6.74</td>
<td>8.22</td>
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</table>

Seasonal efficiency (according to EN14825)

- SEER
- SCOP
- Annual energy consumption kWh

Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)

- EER 3.21 2.81
- COP 3.41 3.21
- Annual energy consumption kWh 3,115 4,290

Outdoor unit RZQ 200C 250C

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Unit HeightxWidthxDepth mm</th>
<th>1,680x930x765</th>
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</thead>
<tbody>
<tr>
<td>Sound power level</td>
<td>dBA</td>
<td>78</td>
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<tr>
<td>Sound pressure level</td>
<td>dBA</td>
<td>57</td>
</tr>
<tr>
<td>Operation range</td>
<td>Amb Min.-Max. °C/DB</td>
<td>-5.0~46.0</td>
</tr>
<tr>
<td></td>
<td>Heating Amb Min.-Max. °C/WB</td>
<td>-15.0~15.0</td>
</tr>
<tr>
<td>Refrigerant Type/GWP</td>
<td>kg/TCO₂/eq</td>
<td>R-410A/2,087.5</td>
</tr>
<tr>
<td></td>
<td>Charge kg/TCO₂/eq</td>
<td>8.3/17.3</td>
</tr>
</tbody>
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Power supply

- 3N~/50/380-415

Contains fluorinated greenhouse gases
Siesta concealed ceiling unit

Ideal for medium sized shops with false ceilings

› Ideal solution for shops requiring maximum floor space for furniture, decorations and fittings
› Discretely concealed in the ceiling: only the suction and discharge grilles are visible
› Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation is required
› Easy installation and maintenance
› Double-protection drainage system: primary and secondary drain pan
› Exclusively offered for pair applications

<table>
<thead>
<tr>
<th>Indoor unit</th>
<th>ABQ 71C</th>
<th>100C</th>
<th>125C</th>
<th>140C</th>
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</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>ABQ 71C</td>
<td>100C</td>
<td>125C</td>
<td>140C</td>
</tr>
<tr>
<td>Unit</td>
<td>285x680x1,007</td>
<td>378x541x1,045</td>
<td>378x541x1,299</td>
<td>378x541x1,499</td>
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<tr>
<td>Sound power level Cooling</td>
<td>dBA 64</td>
<td>60</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Heating</td>
<td>dBA 64</td>
<td>60</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sound pressure level Cooling High</td>
<td>dBA -</td>
<td>41</td>
<td>53</td>
<td>53</td>
</tr>
<tr>
<td>Nom.</td>
<td>dBA -</td>
<td>38</td>
<td>52</td>
<td>53</td>
</tr>
<tr>
<td>Low</td>
<td>dBA -</td>
<td>36</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>Heating</td>
<td>dBA -</td>
<td>41</td>
<td>53</td>
<td>53</td>
</tr>
<tr>
<td>Nom.</td>
<td>dBA -</td>
<td>38</td>
<td>52</td>
<td>53</td>
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<tr>
<td>Low</td>
<td>dBA -</td>
<td>36</td>
<td>50</td>
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</tr>
<tr>
<td>Control systems</td>
<td>Wired remote control</td>
<td>ARCWB</td>
<td></td>
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</tbody>
</table>

Combination with Seasonal Classic ensures good value for money for all types of light commercial applications

Efficiency data for ABQ + A20S 71C + 71B2V1 100C + 100B8V1 125C + 125B8V1 140C + 140B8V1 100C + 100BY1 125C + 125BY1 140C + 140BY1

<table>
<thead>
<tr>
<th>Efficiency data</th>
<th>ABQ + A20S 71C + 71B2V1 100C + 100B8V1 125C + 125B8V1 140C + 140B8V1 100C + 100BY1 125C + 125BY1 140C + 140BY1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal efficiency</td>
<td>Nominal efficiency</td>
</tr>
<tr>
<td>EER</td>
<td>2.91</td>
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<tr>
<td>COP</td>
<td>3.51</td>
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<tr>
<td>Annual energy consumption kWh</td>
<td>1,165</td>
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<tr>
<td>Energy label</td>
<td>Cooling/Heating</td>
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<tr>
<td>Outdoor unit</td>
<td>ABQ 71B2V1</td>
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<tr>
<td>Dimensions</td>
<td>Unit</td>
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<td>Sound power level Cooling</td>
<td>dBA 65</td>
</tr>
<tr>
<td>Heating</td>
<td>dBA 65</td>
</tr>
<tr>
<td>Sound pressure level Cooling Silent operation dBA 48</td>
<td>53</td>
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<tr>
<td>Heating</td>
<td>dBA 50</td>
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<tr>
<td>Night quiet mode Level 1 dBA 49</td>
<td>49</td>
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<tr>
<td>Operation range Cooling Ambient Min.-Max. °CDB</td>
<td>-5 to 46</td>
</tr>
<tr>
<td>Heating</td>
<td>Ambient Min.-Max. °CWB</td>
</tr>
<tr>
<td>Refrigerant</td>
<td>Type/GWP</td>
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<tr>
<td>Charge kg/TCO₂eq</td>
<td>2.75/5.7</td>
</tr>
</tbody>
</table>

Contains fluorinated greenhouse gases
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