



FVXG

## Daikin Nexura

### The best of two worlds

Quiet and discrete, Nexura offers the best in heating and cooling, in comfort and design. When in heating mode, its unique aluminium front panel has the capability of warming up and radiating additional heat, just like a traditional radiator. This exclusive feature can be activated by pushing the 'radiant' button on the easy-to-use remote control.

#### Total comfort

Thanks to the unit's reduced air flow, the warm or cool air simply envelopes you, creating a feeling of relaxation and comfort. The built-in air purification filter ensures a pure and healthy indoor climate.

Moreover, the air is distributed at the sound of a whisper. The noise produced amounts to barely 22dBA in cooling and 19dBA in radiant heat mode.

#### Eco-friendly technology

Nexura uses a renewable energy source: air. This makes it more energy efficient than fossil fuel based heating. By reducing CO<sub>2</sub> emissions, Daikin heat pumps contribute to preserving our environment.

Inverter technology also varies the heat pump's compressor speed (the engine of the unit) to use only the amount of energy needed to heat or cool a room.

#### Flexible control

The indoor unit is easy to control with the infrared remote control supplied as standard. It comes equipped with a weekly timer allowing you to programme a seven-day schedule with four different actions per day.

#### Fits any interior

Whether built-in, wall-mounted or standing, Nexura is discreet and fits into any type of interior.

Nexura can be used in a single-room set-up, with one indoor unit connected to one outdoor unit, or in a multiple room application with a maximum of nine indoor units connected to one outdoor unit.



SEASONAL EFFICIENCY  
Smart use of energy



### FEATURES

- > Energy efficient: full range A class energy labels
- > Extremely quiet in operation
- > Flexible Installation: Can be installed against a wall or recessed. Ideal for installation beneath a window

**Radiant panel** – Nexura possesses a unique feature: a front panel that heats up like a conventional radiator and softly releases additional warm air into the room for extra comfort.

**Weekly timer** – Allows programming of the unit on a weekly basis, with the ability to schedule different settings for each day of the week.

**Powerful operation** – Activates the maximum air volume for 20 minutes. After this, the air conditioner automatically returns to its original setting.

## Heating & cooling

| Indoor unit  |                             |                                     |      | FVXG25K           | FVXG35K     | FVXG50K         |             |
|--|-----------------------------|-------------------------------------|------|-------------------|-------------|-----------------|-------------|
| Cooling capacity   | Min./Nom./Max.              |                                     |      | kW                | 1.3/2.5/3.0 | 1.4/3.5/3.8     | 1.7/5.0/5.6 |
| Heating capacity   | Min./Nom./Max.              |                                     |      | kW                | 1.3/3.4/4.5 | 1.4/4.5/5.0     | 1.7/5.8/8.1 |
| Seasonal efficiency (according to EN14825)   | Cooling                     | Energy label                        |      | A++               |             |                 | A           |
|  |                             | Pdesign                             | kW   | 2.50              | 3.50        | 5.00            |             |
|  |                             | SEER                                |      | 6.46              | 6.33        | 5.31            |             |
|  | Annual energy consumption   |                                     | kWh  | 135               | 194         | 330             |             |
|  | Heating (Average climate)   | Energy label                        |      | A+                |             |                 | A+          |
|  |                             | Pdesign                             | kW   | 2.80              | 3.10        | 4.60            |             |
| SCOP   |                             |                                     | 4.47 | 3.87              | 4.08        |                 |             |
| Annual energy consumption  |                             | kWh                                 | 877  | 1,122             | 1,577       |                 |             |
| Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load) | EER                         |                                     | 4.55 | 3.68              | 3.29 (1)    |                 |             |
|  | COP                         |                                     | 4.36 | 3.72              | 3.67 (1)    |                 |             |
|  | Annual energy consumption   |                                     | kWh  | 275               | 475         | 760             |             |
| Casing   | Energy label                |                                     | A/A  |                   |             |                 |             |
|  | Colour                      | Fresh white (6.5Y 9.5/0.5)          |      |                   |             |                 |             |
| Dimensions   | Unit                        | HeightxWidthxDepth                  |      | mm                |             |                 |             |
| Weight   | Unit                        | 600x950x215                         |      |                   |             |                 |             |
| Fan - Air flow rate  | Cooling                     | High/Nom./Low/Silent operation      |      | m³/min            |             | 22              |             |
|  | Heating                     | High/Nom.                           |      | m³/min            |             | 8.9/7.0/5.3/4.5 |             |
| Sound power level  | Cooling                     | Nom.                                |      | dBA               |             | 52              |             |
|  | Heating                     | Nom.                                |      | dBA               |             | 52              |             |
| Sound pressure level   | Cooling                     | High/Nom./Low/Silent operation      |      | dBA               |             | 38/32/26/23     |             |
|  | Heating                     | H/N/L/Silent operation/Radiant heat |      | dBA               |             | 39/32/26/22/19  |             |
| Piping connections   | Liquid                      | OD                                  |      | mm                |             | 6.35            |             |
|  | Gas                         | OD                                  |      | mm                |             | 9.5             |             |
|  | Drain                       | OD                                  |      | mm                |             | 12.7            |             |
| Power supply   | Phase / Frequency / Voltage |                                     |      | Hz / V            |             |                 |             |
|  |                             |                                     |      | 1~ / 50 / 220-240 |             |                 |             |

| Outdoor unit         |                             |                       |           | RXLG25K           | RXLG35K | RXLG50K      |
|----------------------|-----------------------------|-----------------------|-----------|-------------------|---------|--------------|
| Dimensions           | Unit                        | HeightxWidthxDepth    |           | mm                |         |              |
| Weight               | Unit                        | 550x765x285           |           |                   |         |              |
| Fan - Air flow rate  | Cooling                     | High/Super low        |           | m³/min            |         | 735x825x300  |
|                      | Heating                     | High/Super low        |           | m³/min            |         | 34           |
| Sound power level    | Cooling                     | High                  |           | dBA               |         | 48           |
|                      | Heating                     | High                  |           | dBA               |         | 63           |
| Sound pressure level | Cooling                     | High/Silent operation |           | dBA               |         | 48/44        |
|                      | Heating                     | High/Silent operation |           | dBA               |         | 48/45        |
| Operation range      | Cooling                     | Ambient               | Min.~Max. | °CDB              |         | -10~46       |
|                      | Heating                     | Ambient               | Min.~Max. | °CWB              |         | -25~18       |
| Refrigerant          | Type/GWP                    |                       |           |                   |         | R-410A/1,975 |
| Piping connections   | Piping length               | OU - IU               | Max.      | m                 |         | 20           |
|                      | Level difference            | IU - OU               | Max.      | m                 |         | 15           |
| Power supply         | Phase / Frequency / Voltage |                       |           | Hz / V            |         |              |
| Current - 50Hz       | Maximum fuse amps (MFA)     |                       |           | A                 |         |              |
|                      |                             |                       |           | 1~ / 50 / 220-240 |         |              |
|                      |                             |                       |           | 16                |         |              |
|                      |                             |                       |           | 20                |         |              |

(1) EER/COP according to Eurovent 2012



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Air handling units (AHU) and Fan coil units (FCU). Check ongoing validity of certificate online: [www.eurovent-certification.com](http://www.eurovent-certification.com) or using: [www.certiflash.com](http://www.certiflash.com)



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