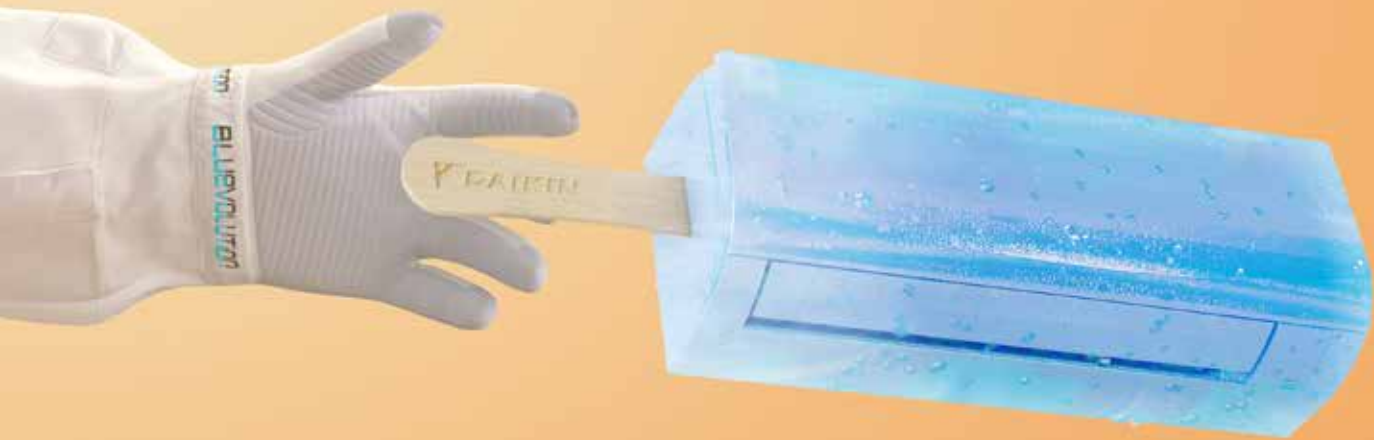


# Daikin Sensira R-32 Refreshingly new



Discreet wall mounted unit providing high efficiency and comfort



Why choose Daikin



Creating the perfect indoor climate is what Daikin units are all about.

With more than 90 years of experience in climate control technologies, we understand what it takes to create a comfortable environment for your home, business or office. That's why we are proud to introduce the latest edition of our Split range: Sensira R-32.

Equipped with R-32 refrigerant and enhanced features, Sensira uses the latest technologies to achieve more energy efficiency and energy savings.

Discover how Sensira R-32 can help you achieve your perfect climate.



# Why choose Daikin's Sensira R-32

## ✓ Efficiency **A<sup>++</sup>**

**Sensira R-32 creates a comfortable interior environment while maintaining excellent energy efficiency ratings.**

› Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season. Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency. Sensira R-32 achieves A<sup>++</sup> in heating with R-32 refrigerant

## ✓ Reliability

**To guarantee the seamless operation of your heating system, the Sensira R-32 range offers enhanced features:**

- › 2-chamber swing compressor: enhanced compressor uses inverter technology and small capacity steps to adjust a unit's power and meet energy demands. In comparison to a rotary compressor, the 2-chamber swing compressor provides more energy savings, a lower risk for unit breakdown and quieter and vibration-free operation
- › Most extensive testing before new units leave the factory



## ✓ Comfort

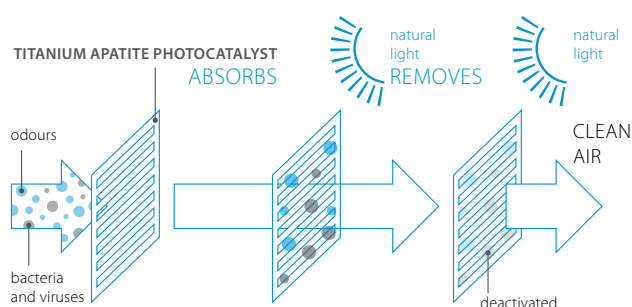
With the Sensira R-32 range, you never have to sacrifice comfort for energy efficiency.

### Perfect comfort

A flat, stylish front panel blends in easily with any interior décor and is easier to clean. Vertical auto swing with these wall mounted units moves the discharge louvres up and down to give you efficient air and temperature distribution throughout the room. Turbo mode means that the room can heat up or cool down rapidly, for maximum comfort.

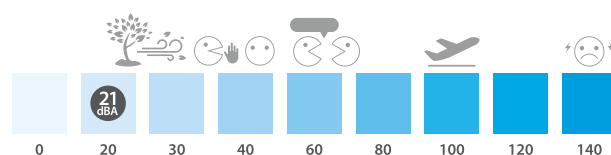
### Fresh, healthy air

Daikin's titanium apatite deodorising filter removes airborne dust particles and captures the odours of tobacco and pets, for example. It also traps and even deactivates harmful organic chemical substances like bacteria, viruses and allergens to ensure you enjoy a steady supply of clean air.



### Low Sound

With sound pressure down to 21dBA the new Sensira operates almost unnoticed ensuring a good night's sleep.

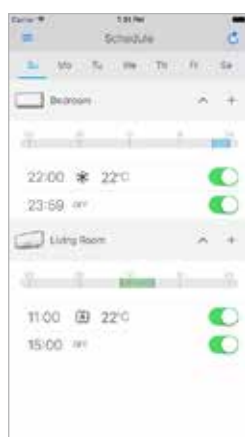




## ✓ Easy control

**With the Daikin Online Controller, you can schedule, manage and monitor your heating system from anywhere.**

Simply connect your unit to Wi-Fi and download the app to change the thermostat, set temperature schedules, review your energy consumption and develop your own "If this, then that" workflow. The Daikin Online Controller is also available as a built-in feature for your Daikin unit (optional).



### Your home

This screen provides you with an overview of your home, and access to all of the features to control up to 50 units at once.

### Individual rooms

With the interactive thermostat, you can adjust the temperature, operating mode, air purification and fans for individual rooms.

### Time scheduling

Create different schedules with up to 6 actions a day for 7 days and activate specific operation modes.

### Energy usage

Icons show where you can save on energy and money

### If this, then that

Programme your unit to reflect your lifestyle. Connectable with different appliances via the iFTTT platform, you can control the indoor climate of your home from a distance. For example: If you leave your house, then your heating will turn off.



The infrared remote control is user-friendly and has a timer function which allows you to programme the unit to start or stop when you want it to.

The infrared remote control is user-friendly and has a timer function which allows you to programme the unit to start or stop when you want it to.

**Powerful mode**

heat up or cool down rapidly



**Vertical swing**

efficient air distribution



**Timer**

allows you to programme the unit, including on/off and night set mode\*

\*1hr after activation of night set mode, the set point is increased in cooling or decreased in heating to ensure comfortable sleeping conditions



**Comfort**

Intelligent flow of air evades direct contact with people





Remote controller for FTXB20-35C

# Wall mounted unit

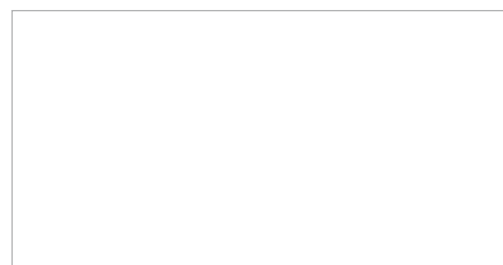
Wall mounted unit for low energy consumption and pleasant comfort

- › Seasonal efficiency values up to A++ in cooling
- › Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- › Quiet in operation down to 21 dBA
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency



| Efficiency data                    |                                           |                           |                                  | FTXF + RXF | 20A + 20A                              | 25A + 25A         | 35A + 35A         | 50A + 50A            | 60A + 60A            |
|------------------------------------|-------------------------------------------|---------------------------|----------------------------------|------------|----------------------------------------|-------------------|-------------------|----------------------|----------------------|
| Cooling capacity                   | Min./Nom./Max.                            |                           |                                  | kW         | 1.3/2.00/2.6                           | 1.3/2.50/3.0      | 1.3/3.30/3.8      | 1.7/5.00/6.0         | 1.7/6.00/7.0         |
| Heating capacity                   | Min./Nom./Max.                            |                           |                                  | kW         | 1.30/2.50/3.50                         | 1.30/2.80/4.00    | 1.30/3.50/4.80    | 1.70/6.00/7.70       | 1.70/6.40/8.00       |
| Power input                        | Cooling                                   | Min./Nom./Max.            |                                  | kW         | 0.31/0.51/0.72                         | 0.31/0.76/1.05    | 0.29/1.00/1.30    | 0.32/1.50/1.83       | 0.33/1.85/2.98       |
|                                    | Heating                                   | Min./Nom./Max.            |                                  | kW         | 0.25/0.60/0.95                         | 0.25/0.70/1.11    | 0.29/0.94/1.29    | 0.44/1.62/2.36       | 0.46/1.63/2.79       |
| Space cooling                      | Energy efficiency class                   |                           |                                  |            | A++                                    |                   |                   |                      |                      |
|                                    | Capacity                                  | Pdesign                   |                                  | kW         | 2.00                                   | 2.50              | 3.50              | 5.00                 | 6.00                 |
|                                    | SEER                                      |                           |                                  |            | 6.15                                   | 6.22              | 6.21              |                      | 6.15                 |
|                                    | Annual energy consumption                 |                           |                                  | kWh/a      | 114                                    | 141               | 197               | 282                  | 342                  |
| Space heating<br>(Average climate) | Energy efficiency class                   |                           |                                  |            | A+                                     |                   |                   |                      |                      |
|                                    | Capacity                                  | Pdesign                   |                                  | kW         | 2.20                                   | 2.40              | 2.80              | 4.60                 | 4.80                 |
|                                    | SCOP/A                                    |                           |                                  |            | 4.10                                   | 4.06              |                   |                      |                      |
|                                    | Annual energy consumption                 |                           |                                  | kWh/a      | 751                                    | 827               | 965               | 1,584                | 1,655                |
| Nominal efficiency                 | EER                                       |                           |                                  |            | 3.94                                   | 3.30              |                   | 3.33                 | 3.25                 |
|                                    | COP                                       |                           |                                  |            | 4.19                                   | 4.01              | 3.71              |                      | 3.93                 |
|                                    | Energy labeling Directive Cooling/Heating |                           |                                  |            | A/A                                    |                   |                   |                      |                      |
| Indoor unit                        |                                           |                           |                                  | FTXF       | 20A                                    | 25A               | 35A               | 50A                  | 60A                  |
| Dimensions                         | Unit                                      | HeightxWidthxDepth        |                                  | mm         | 286x770x225                            |                   |                   | 295x990x263          |                      |
| Weight                             | Unit                                      |                           |                                  | kg         | 9.00                                   |                   |                   | 13.5                 |                      |
| Air filter                         | Type                                      |                           |                                  |            | Removable / washable                   |                   |                   |                      |                      |
| Fan                                | Air flow rate                             | Cooling                   | Silent operation/Low/Medium/High | m³/min     | 4.4/5.9/7.9 /9.8                       | 4.4/6.1/8.1 /10.1 | 4.5/6.3/8.3 /11.5 | 10.5/11.9/14.4 /16.8 | 10.7/12.2/14.8 /17.3 |
|                                    |                                           | Heating                   | Silent operation/Low/Medium/High | m³/min     | 5.3/6.5/8.4 /10.3                      | 5.3/6.7/8.6 /10.3 | 5.3/7.0/9.0 /11.5 | 10.7/12.2/14.8 /17.3 | 11.3/12.8/15.8 /17.9 |
| Sound power level                  | Cooling/Heating                           |                           |                                  | dBA        | 55/55                                  |                   | 58/58             | 59/61                | 60/62                |
| Sound pressure level               | Cooling                                   | Silent operation/Low/High |                                  | dBA        | 20/25/39                               | 20/26/40          | 20/27/43          | 31/34/43             | 33/36/45             |
|                                    | Heating                                   | Silent operation/Low/High |                                  | dBA        | 21/28/39                               | 21/28/40          | 21/29/40          | 30/33/42             | 32/35/44             |
| Control systems                    | Infrared remote control                   |                           |                                  |            | ARC470A1                               |                   |                   |                      |                      |
|                                    | Wired remote control                      |                           |                                  |            | BRC944B2 / BRC073A1                    |                   |                   |                      |                      |
| Power supply                       | Phase/Frequency/Voltage                   |                           |                                  | Hz/V       | 1~/50/220-240                          |                   |                   |                      |                      |
| Outdoor unit                       |                                           |                           |                                  | RXF        | 20A                                    | 25A               | 35A               | 50A                  | 60A                  |
| Dimensions                         | Unit                                      | HeightxWidthxDepth        |                                  | mm         | 550x658x275                            |                   |                   | 735x825x300          |                      |
| Weight                             | Unit                                      |                           |                                  | kg         | 28                                     |                   |                   | 47                   |                      |
| Sound power level                  | Cooling/Heating                           |                           |                                  | dBA        | 60/61                                  |                   | 62/62             | 61/61                | 63/63                |
| Sound pressure level               | Cooling                                   | High                      |                                  | dBA        | 46                                     |                   | 48                | 47                   | 49                   |
|                                    | Heating                                   | High                      |                                  | dBA        | 47                                     |                   | 48                | 49                   |                      |
| Refrigerant                        | Type/ GWP                                 |                           |                                  |            | R-32/675.0                             |                   |                   |                      |                      |
|                                    | Charge                                    |                           |                                  | kg/TCO2Eq  | 0.70/0.48                              |                   | 1.40/0.95         |                      | 1.45/0.98            |
| Piping connections                 | Liquid                                    | OD                        |                                  | mm         | 6,35                                   |                   |                   | 6,4                  |                      |
|                                    | Gas                                       | OD                        |                                  | mm         | 9,5                                    |                   |                   | 12,7                 |                      |
|                                    | Piping length                             | OU - IU                   | Max.                             | m          | 15                                     |                   |                   | 30                   |                      |
|                                    | Additional refrigerant charge             |                           |                                  | kg/m       | 0.02 (for piping length exceeding 10m) |                   |                   |                      |                      |
|                                    | Level difference                          | IU - OU                   | Max.                             | m          | 12                                     |                   |                   | 20.0                 |                      |
| Power supply                       | Phase/Frequency/Voltage                   |                           |                                  | Hz/V       | 1~/50/220-240                          |                   |                   |                      |                      |

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