Our mission: beating the winter cold

Daikin’s next-generation split range for colder climates
Why choose Daikin?
When the temperature drops below freezing, it’s important you have the right system to maintain an ideal indoor climate. But your system should do more than just maintain temperature consistency, it should also be reliable, energy efficient and easily controlled.

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: Optimised Heating 4.

Backed by research from our European Development Centre, Optimised Heating 4 is a heating solution built in Europe, for North-European climates. Equipped with R-32 refrigerant and enhanced features, Optimised Heating 4 uses the latest technologies to achieve more energy efficiency and energy savings.

Discover how Optimised Heating 4 can help you achieve your perfect climate.
Why choose Daikin’s Optimised Heating 4

☑️ Efficiency  A+++  

Designed for colder climates, Optimised Heating 4 creates a comfortable interior environment while maintaining excellent energy efficiency ratings.

› Built to attain high energy efficiency at low ambient temperatures, Optimised Heating 4 achieves A+++ in heating with:
  • R-32 refrigerant
  • 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.

☑️ Reliability

To guarantee the seamless operation of your heating system, even in temperatures as low as -25°C, the Optimised Heating 4 range offers enhanced features:

› A large size compressor for comfortable heating and capacity whenever needed
› Upgrades for fewer defrost cycles
› Extended pipe and drain connections for easier installation
› Free hanging coil: no need for a heater cable. This saves money and eliminates trouble when heater cable breaks down.

The Optimised Heating 4 range also includes additional improvements to reduce ice buildup, such as:

› An enhanced bottom plate to improve water drainage

Additional benefits:
• Releases melted ice around the heat exchanger
• Prevents ice buildup between legs and brackets
• Uses a vibration absorber to muffle vibrations

The bottom frame discharges water directly to the ground.
Easy installation

The Daikin Optimised 4 offers a wide range of systems optimised for any environment.

The range also offers a quick and easy installation process, which includes:

› Extended piping: This longer piping is specifically adapted to accommodate the thicker walls of Scandinavian buildings, and help contractors cut down on installation time
› Improved lift handle: Newly designed handle helps installers easily carry an outdoor unit while wearing thick gloves

Stylish FTXA30 .................. +180mm
Perfera FTXM30 .................. +180mm
Perfera FTXM40 .................. +160mm
Comfora FTXTP25-35 .......... +180mm

Auxiliary piping is expanded to 50 cm to meet market demand and decrease installation time. It’s also adapted to fit the wall thickness of Scandinavian houses.
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 standardly available for Stylish (FTXTA) and Perfera (FTXTM). For Comfora (FTXTP) and floor standing units (FVXM), the Daikin Online Controller is foreseen as an option.

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.
Comfort:

With the Optimised Heating 4 range, you never have to sacrifice comfort for energy efficiency.

Fresh, healthy air

Creating a healthy indoor environment is essential for regions with colder climates. Daikin uses Daikin Flash Steamer technology and a Saranet filter to improve the air quality of your office, home or store.

Comfortable air flow

Daikin intelligent eye also directs air flow and switches the system to an energy efficient mode when no occupants are detected in a room. The fan (speed and noise level) guarantee a unit’s seamless operation.

The fireplace scenario

Daikin systems are flexible and easy to adapt for any room, including spaces that contain additional heat sources, such as a fireplace.

› Rooms that contain a fireplace tend to be warmer and have a temperature that is higher than the original setting.
› If the set temperature is reached in heating mode, the operation Fireplace logic will start automatically.
› During Fireplace logic operation, the indoor unit fan distributes the hot air across the room.
› The airflow rate depends on difference between set temperature and temperature in the room (higher temperature difference = higher airflow rate).
› The air flow decreases, the more the room temperature gets to its original setting.
Stylish wall mounted unit

Designed for comfort

Why choose Stylish?

Stylish brings together excellent design and technology to deliver a total climate solution for any interior. Measuring only 189 mm, Stylish is the thinnest unit on the market in the design segment for wall mounted units and uses innovative features to achieve the best in comfort, energy efficiency, reliability and control.

Award-winning design

Inspired by its predecessors, Daikin Emura and Ururu Sarara, Stylish earned the Good Design Award for its innovative look and functional capabilities. This award also recognises Stylish for its ability to achieve new standards of comfort and energy efficiency in the HVAC-R industry.

The Coanda effect

Already present in the Ururu Sarara, the **Coanda effect** optimises the airflow for a comfortable climate. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room.

The Coanda effect creates two different airflow patterns depending on whether Stylish is in cooling or heating mode. On the top is the Coanda effect in cooling mode (ceiling airflow), while the bottom images demonstrate the Coanda effect in heating mode (vertical airflow).
Quiet operation

Stylish uses a **newly designed fan** to optimise airflow for higher energy efficiency at low sound levels.

To achieve higher energy efficiency, Daikin designed a new fan that runs efficiently within Stylish’s compact dimensions. Together, the fan and heat exchanger attain top energy performance but operate at a sound level that is practically inaudible to occupants.

Stable room temperatures

Stylish uses a **intelligent thermal sensor** to detect the surface temperature of a room to create a more comfortable climate.

After determining the current room temperature, the intelligent thermal sensor distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it.
Find your perfect climate

Benefits overview

Where innovation meets creativity, even at ambient temperatures down to -25°C
› Seasonal efficiency values: A+++ in heating
› The Coanda effect optimises the airflow for a comfortable climate. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room
› Fresher, cleaner air thanks to Daikin’s Flash Streamer technology: you can breathe deep with no worries about impure air
› When installed close to a heating device (e.g. fire place or oven) and the set temperature is reached, the fan keeps on running to have an even temperature throughout the whole house

contains fluorinated greenhouse gases

Attractive, wall mounted design with perfect indoor air quality, even at ambient temperatures down to -25°C
› Seasonal efficiency values: full range A+++ in heating
› Fresher, cleaner air thanks to Daikin’s Flash Streamer technology: you can breathe deep with no worries about impure air
› When installed close to a heating device (e.g. fire place or oven) and the set temperature is reached, the fan keeps on running to have an even temperature throughout the whole house

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FLOOR STANDING UNIT - FVXM

Floor standing unit for optimal heating comfort thanks to dual airflow
› Seasonal efficiency values: full range A+++ in cooling
› Its low height (600 mm) enables the unit to fit perfectly beneath a window

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Discreet wall mounted unit providing high efficiency and comfort, even at ambient temperatures down to -25°C
› Seasonal efficiency values: full range A+++ in cooling and heating
› Space saving contemporary wall mounted design

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