



Optimised Heating 4

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 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.

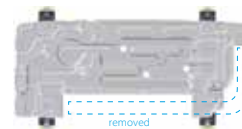
## ✓ Reliability

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



The new bottom frame discharges water directly to the ground.



### Additional benefits:

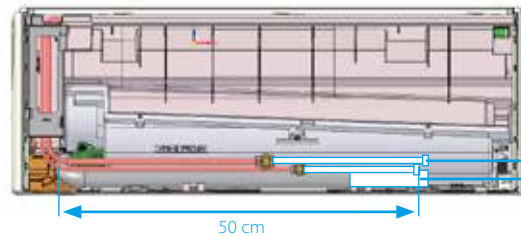
- Releases melted ice around the heat exchanger
- Prevents ice buildup between legs and brackets
- Uses a vibration absorber to muffle vibrations

## ✓ 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



FTXTM30, A/FTXTP25/35...	+180mm
FTXTM40	+160mm
Drain hose	+160mm

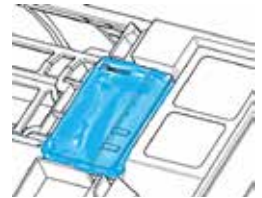
Auxiliary piping is expanded to 50 cm to meet market demand and decrease installation time. It's also adapted to fit the wall thickness of Scandinavian houses.



## ✓ 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 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.

## ✓ 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

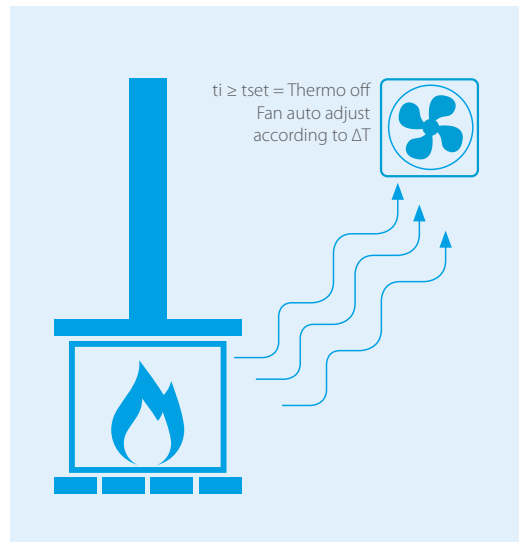
Daikin intelligent eye also directs air flow and switches the system to an energy efficient mode when no occupants are detected in a room.

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.
- › When there is a temperature difference in a room and a fireplace is in use, the air conditioner will switch to a "fan only mode," to distribute heat from the fireplace to other rooms.
- › The air flow decreases, the more the room temperature gets to its original setting.



Fireplace icon on remote control



Fireplace activation button on remote control



## FTXTM-M + RXTM-N



Attractive, wall mounted design with perfect indoor air quality, even at ambient temperatures down to -25°C

**BLUEVOLUTION**

- > 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

Capacity class	Seasonal efficiency (according to EN14825)							Indoor unit		Outdoor unit	Refrigerant	
	Cooling capacity	Heating capacity	Energy label	Pdesign	SEER	SCOP	Annual energy consumption	Dimensions	Sound power level	Sound power level		
	Min./Nom./Max. (kW)	Min./Nom./Max. (kW)	Cooling/Heating	Cooling/Heating (kW)	Cooling	Heating	Cooling/Heating (kWh)	H x W x D (mm)	Cooling/Heating (dBA)	Cooling/Heating (dBA)	Type/GWP	Charge (kg/TCO <sub>2</sub> Eq)
30	0.7/3.0/4.5	0.8/3.2/6.7	A+++/A+++	3.0/3.0	7.6	5.12	138/821	294x811x272	60/61	61/61	R-32/675	1.1/0.75
40	0.7/4.0/5.1	0.8/4.0/7.2		4.0/3.8	7.7	5.3	182/1004	300x1040x295				

## FTXTP-K + RXTN-N



Discreet wall mounted unit providing high efficiency and comfort, even at ambient temperatures down to -25°C

**BLUEVOLUTION**

- > Seasonal efficiency values: full range A++ in cooling and heating
- > Space saving contemporary wall mounted design

Capacity class	Seasonal efficiency (according to EN14825)							Indoor unit		Outdoor unit	Refrigerant	
	Cooling capacity	Heating capacity	Energy label	Pdesign	SEER	SCOP	Annual energy consumption	Dimensions	Sound power level	Sound power level		
	Min./Nom./Max. (kW)	Min./Nom./Max. (kW)	Cooling/Heating	Cooling/Heating (kW)	Cooling	Heating	Cooling/Heating (kWh)	H x W x D (mm)	Cooling/Heating (dBA)	Cooling/Heating (dBA)	Type/GWP	Charge (kg/TCO <sub>2</sub> Eq)
25	0.7/2.5/4.0	0.8/3.2/6.2	A++/A++	2.5/2.5	7.1	4.98	123/703	285x770x225	58/58	61/61	R-32/675	1.1/0.75
35	0.7/3.5/4.4	0.8/4.0/6.7		3.5/3	7.2	4.81	175/873					

## ATXTP-K + ARXTP-N



Discreet Siesta wall mounted unit providing high efficiency and comfort, even at ambient temperatures down to -25°C

**BLUEVOLUTION**

- > Seasonal efficiency values: full range A++ in cooling and heating
- > Space saving contemporary wall mounted design

Capacity class	Seasonal efficiency (according to EN14825)							Indoor unit		Outdoor unit	Refrigerant	
	Cooling capacity	Heating capacity	Energy label	Pdesign	SEER	SCOP	Annual energy consumption	Dimensions	Sound power level	Sound power level		
	Min./Nom./Max. (kW)	Min./Nom./Max. (kW)	Cooling/Heating	Cooling/Heating (kW)	Cooling	Heating	Cooling/Heating (kWh)	H x W x D (mm)	Cooling/Heating (dBA)	Cooling/Heating (dBA)	Type/GWP	Charge (kg/TCO <sub>2</sub> Eq)
25	0.7/2.5/4.0	0.8/3.2/6.2	A++/A++	2.5/2.5	6.98	4.93	124/710	285x770x225	58/58	61/61	R-32/675	1.1/0.75
35	0.7/3.5/4.4	0.8/4.0/6.7		3.5/3	7.05	4.76	175/883					

contains fluorinated greenhouse gases

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