

The Nordic range

Residential ventilation units

- Nordic S2
- Nordic S3
- Nordic S4

Energy-efficient, quiet ventilation units that provides a good indoor climate.

Smart control with Flexit GO.



Good performance in terms of noise, efficiency and SFP makes the units the best in its class

The Nordic range offers the best ventilation units for cold climates on the market. They provide balanced ventilation and supply the home with air that is at the right temperature, filtered and fresh. The new units are easy to control using an app on a smartphone or tablet.

Good indoor climate

In Scandinavia, we build houses to withstand one of the world's toughest climates. That goes for indoors too. Flexit therefore works to achieve a better indoor climate, which is vital for wellbeing and health. We help to make homes smarter and more eco-friendly with innovative solutions, an important contribution to the green shift. The products are tested in our state of the art climate and sound laboratory, giving you peace of mind.

Quiet

The ventilation units are very quiet. The low noise levels transmitted to the duct and surroundings make the units the best in their class.

Energy-efficient

The units in the Nordic range are extremely energy-efficient. Their fan motors use very little energy to transport air and giving them a very low SFP (Specific Fan Power). The rotary heat recovery systems in the ventilation units recover a high proportion of heat, ensuring excellent efficiency. These good ratings make it possible to use alternative solutions and redistribution. Not least, it gives the user optimum ventilation in the home at the lowest possible energy cost.



Nordic is a new range of ventilation units from Flexit that will replace the existing UNI models. The products are currently in the launch phase and Eurovent certification is in progress.

FLEXIT Select

Our Flexit Select calculator enables you to make calculations, obtain dimensioned drawings and find technical values for all our ventilation units. Flexit's products are available in MagiCloud or directly from MagiCad.

Smart, energy-efficient
ventilation for a
healthy indoor climate



Nordic S2

Model

Product code	GTIN	Model
800110	7023678001103	Nordic S2 RER right model with electric battery
800111	7023678001110	Nordic S2 REL left model with electric battery
800112	7023678001127	Nordic S2 R R right model without electric battery
800113	7023678001134	Nordic S2 R L left model without electric battery

Good performance in key areas

	Air flow rate 90 m³/h against 100 Pa pressure drop. Equivalent to a dwelling with a ventilated area of approx 75 m²	Air flow rate 140 m³/h against 100 Pa pressure drop. Equivalent to a dwelling with a ventilated area of approx. 115 m²
Temperature efficiency component (EN308)	82%	80%
Temperature efficiency unit (EN13141-7)	80%	78%
SFP (Specific Fan Power)	1.49	1.31
Sound, duct Lw	54 dB(A)	57 dB(A)
Sound, surroundings Lw	35 dB(A)	38 dB(A)

The examples show performance in typical operating conditions for the unit.

Technical data

	Nordic S2 R
Rated voltage (AC 50 Hz)	230 V
Frequency	50 Hz
Fuse size	10 A
Rated current with electric heater	3.4 A
Rated current without electric heater	1.2 A
Rated current, total with electric heater	679 W
Rated current, total without electric heater	179 W
Rated current, max. with electric heater	500 W
Rated current, max. without electric heater	-
Rated current, fans	2x83 W
Rated current, rotor motor	4 W
Fan type	B-wheel
Fan motor control	0-10 V
Max. fan speed RPM	3 200
Automatic control, standard	Flexit GO
Filter class	ePM1 55% (F7)
Filter type (supply air/extract air)	Compact filter
Weight	56 kg



Energy class



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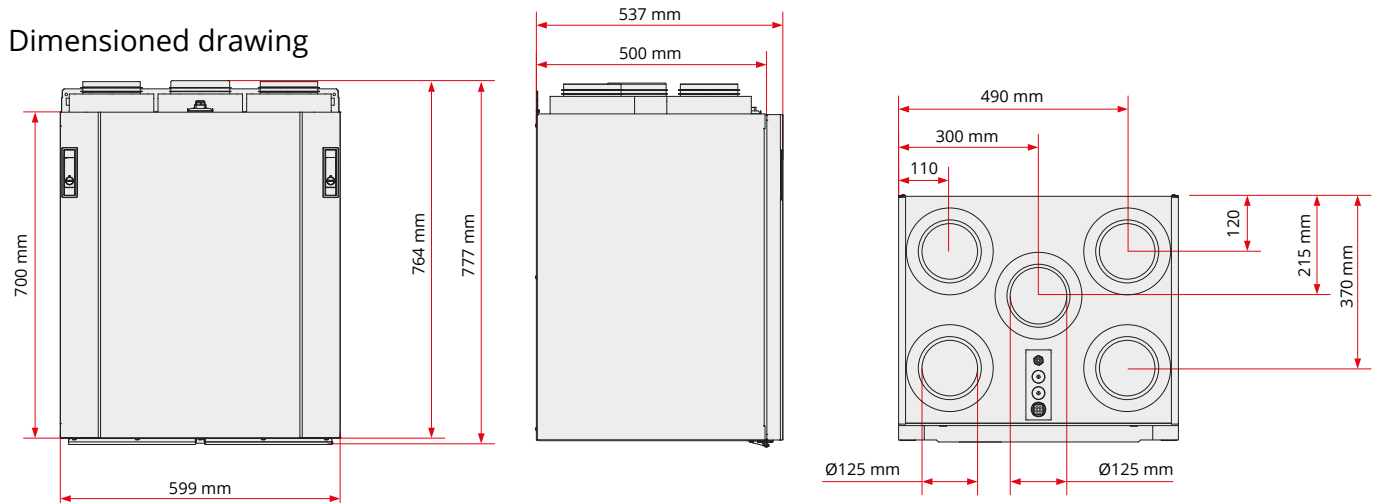
LOCAL DEMAND CONTROL

Sensor control for different zones

Accessories: App + CO₂ sensors/motion sensor + damper

Result: Increased air flow rate in zones that need it

Dimensioned drawing



Visit www.flexit.no for more technical information and documentation.

Nordic S3

Model

Product code	GTIN	Model
800120	7023678001202	Nordic S3 RER right model with electric battery
800121	7023678001219	Nordic S3 REL left model with electric battery
800122	7023678001226	Nordic S3 R R right model without electric battery
800123	7023678001233	Nordic S3 R L left model without electric battery

Good performance in key areas

	Air flow rate 140 m³/h against 100 Pa pressure drop. Equivalent to a dwelling with a ventilated area of approx 115 m²	Air flow rate 190 m³/h against 100 Pa pressure drop. Equivalent to a dwelling with a ventilated area of approx. 160 m²
Temperature efficiency component (EN308)	84%	84%
Temperature efficiency unit (EN13141-7)	81%	81%
SFP (Specific Fan Power)	1.17	1.17
Sound, duct Lw	53 dB(A)	57 dB(A)
Sound, surroundings Lw	32 dB(A)	36 dB(A)

The examples show performance in typical operating conditions for the unit.

Technical data

	Nordic S3 R
Rated voltage (AC 50 Hz)	230 V
Frequency	50 Hz
Fuse size	10 A
Rated current with electric heater	3.4 A
Rated current without electric heater	1.2 A
Rated current, total with electric heater	679 W
Rated current, total without electric heater	179 W
Rated current, max. with electric heater	500 W
Rated current, max. without electric heater	-
Rated current, fans	2x83 W
Rated current, rotor motor	4 W
Fan type	B-wheel
Fan motor control	0-10 V
Max. fan speed RPM	3 200
Automatic control, standard	Flexit GO
Filter class	ePM1 55% (F7)
Filter type (supply air/extract air)	Compact filter
Weight	56 kg



Energy class



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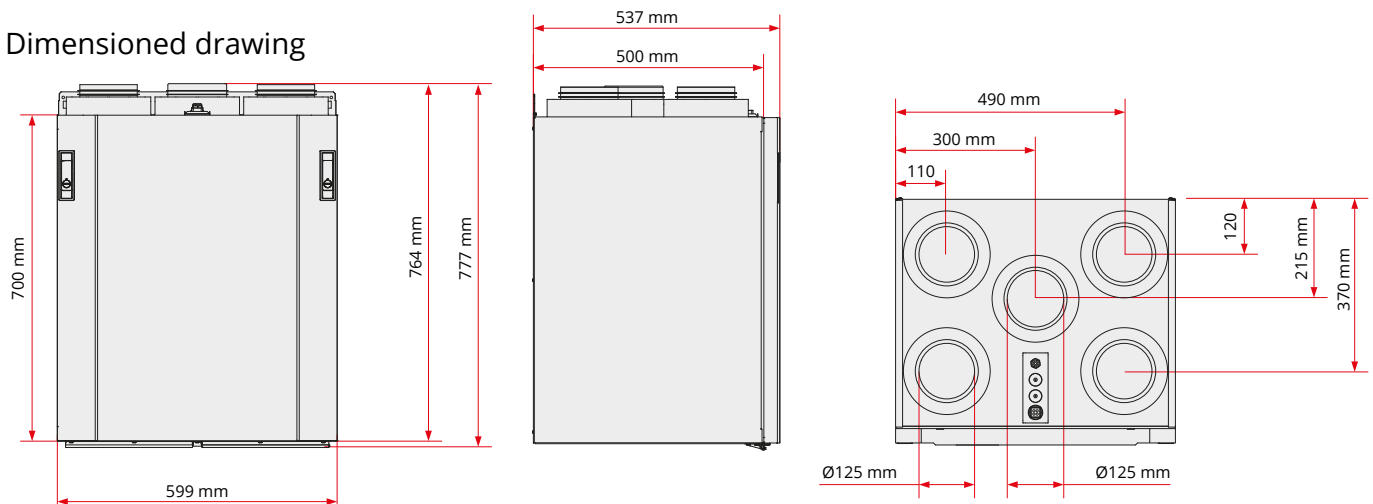
LOCAL DEMAND CONTROL

Sensor control for different zones

Accessories: App + CO₂ sensors/motion sensor + damper

Result: Increased air flow rate in zones that need it

Dimensioned drawing



Visit www.flexit.no for more technical information and documentation.

Nordic S4

Model

Product code	GTIN	Model
800130	7023678001301	Nordic S4 RER right model with electric battery
800131	7023678001318	Nordic S4 REL left model with electric battery
800132	7023678001325	Nordic S4 R R right model without electric battery
800133	7023678001332	Nordic S4 R L left model without electric battery

Good performance in key areas

	Air flow rate 240 m³/h against 100 Pa pressure drop. Equivalent to a dwelling with a ventilated area of approx. 200 m²	Air flow rate 290 m³/h against 100 Pa pressure drop. Equivalent to a dwelling with a ventilated area of approx. 240 m²
Temperature efficiency component (EN308)	86%	85%
Temperature efficiency unit (EN13141-7)	84%	83%
SFP (Specific Fan Power)	1.00	1.13
Sound, duct Lw	59 dB(A)	62 dB(A)
Sound, surroundings Lw	38 dB(A)	40 dB(A)

The examples show performance in typical operating conditions for the unit.

Technical data

	Nordic S4 R
Rated voltage (AC 50 Hz)	230 V
Frequency	50 Hz
Fuse size	10 A
Rated current with electric heater	7 A
Rated current without electric heater	3.5 A
Rated current, total with electric heater	1200 W
Rated current, total without electric heater	400 W
Rated current, max. with electric heater	800 W
Rated current, max. without electric heater	-
Rated current, fans	2x115 W
Rated current, rotor motor	4 W
Fan type	B-wheel
Fan motor control	0-10 V
Max. fan speed RPM	3 980
Automatic control, standard	Flexit GO
Filter class	ePM1 55% (F7)
Filter type (supply air/extract air)	Compact filter
Weight	62 kg



Energy class



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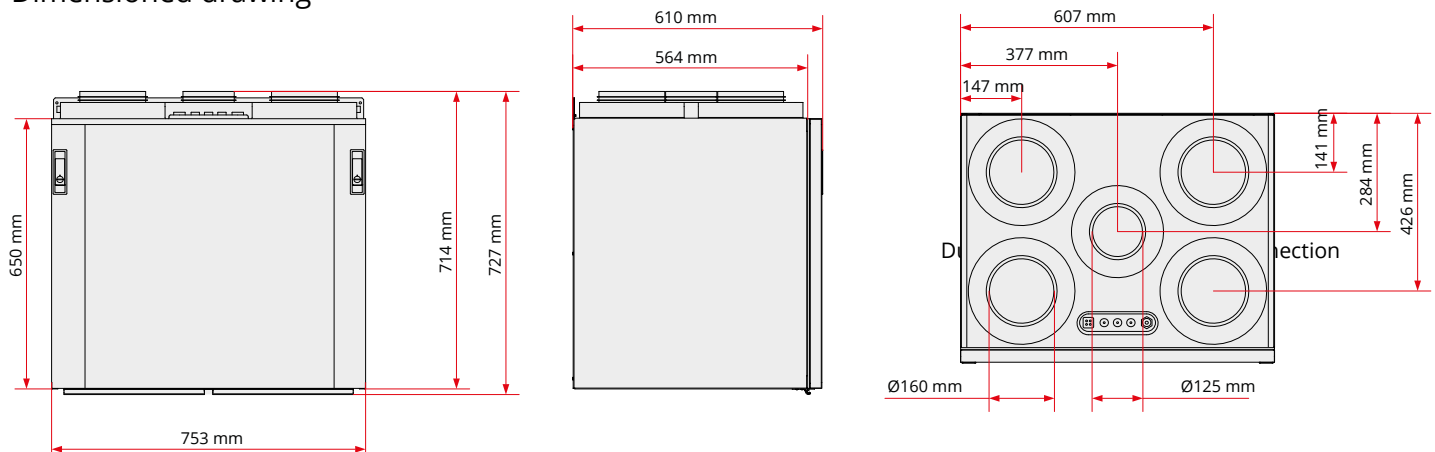
LOCAL DEMAND CONTROL

Sensor control for different zones

Accessories: App + CO₂ sensors/motion sensor + damper

Result: Increased air flow rate in zones that need it

Dimensioned drawing



Visit www.flexit.no for more technical information and documentation.

Smart control with Flexit GO

The ventilation units are easy to control using an app on a smartphone or tablet, with no extra equipment being needed.

It is easy to adjust settings in the app, and it is possible to receive alerts about changing filters, for example.



Good service

Flexit GO makes remote service possible. This means that service personnel can provide assistance and remote diagnostics via the internet.



Wherever you are,
you can control
the unit with
the Flexit GO app

Accessories

CI70 control panel

The CI70 is a local control panel that connects to the product with a 2-core cable. The CI70's functions include: adjustment, temperature setting, speed selection, time-controlled forcing and home/away selection.



CI70 control panel

Demand-controlled ventilation

With the wireless CI78 control panel it is a simple matter to press home/away and have ventilation adjusted to the desired level. It also has forcing and a fireplace function.



CI78 control panel

The CI75 is a wireless adapter for the ventilation unit. It connects wireless accessories to the ventilation unit.



CI75 adapter

There are a number of wireless accessories for automating and monitoring ventilation. Sensors for monitoring CO₂, humidity or motion send signals to the ventilation unit, which will adjust ventilation as needed.



CO₂ sensor



Humidity sensor



Motion sensor

Simple connection

The unit is easy to connect straight from a mobile without the need for additional accessories. This assumes that there is network access for connection. If not, a separate access point can be ordered.



Access point.

The access point can also be used as a wireless link between unit and router.

Pressure guard for kitchen hood

A pressure relay in the kitchen hood signals the ventilation unit to increase the supply air in the unit when the kitchen hood is in use.



Pressure relay

Other accessories



Ceiling mounting



Ceiling mounting vibration reduction



Absorption feet



Duct covers



Set of filters



Smoke detector



Water battery



Shunt valves



Motor shunt valve



Closing damper

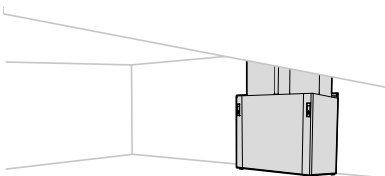
Visit www.flexit.com for more information

Position

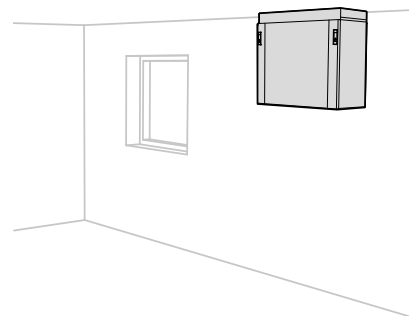
The units can be installed in the following ways:



On the wall. Mounting supplied with unit. The dust cover, humidity sensor and extract valve shown in the picture are available as accessories.



On the floor. Absorption feet must be fitted. These are available as an accessory.



Hanging on the ceiling. A ceiling mounting and ceiling mounting vibration reduction are available as accessories.

The Nordic S2 and Nordic S3 have been specially developed to meet the requirements for installation in 600 mm modules.

Flexit specialises in home ventilation and delivers clean, fresh air solutions for a healthy indoor environment. Flexit is a market leader in home ventilation and has been supplying ventilation solutions to norwegian homes since 1974.

Flexit is a Norwegian company and all products are developed specially for the Nordic climate. Products are tested and documented in accordance with the latest standards.

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BETTER INDOOR CLIMATE