

# Nordic CL3

ART.NO. 800200, 800201



Ventilation unit for ceiling installation in flats, small houses and accommodation blocks.

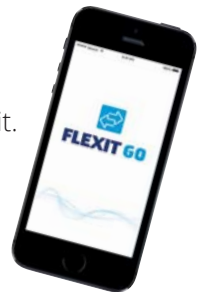


## Product Description

- Balanced ventilation with rotating heat exchangers.
- Temperature efficiency up to 85 %.
- Specific fan power (SFP) below 1.5.
- Can be installed on the ceiling, on the wall or horizontally/vertically on the floor.
- Can be located in a cold zone such as the loft.
- The low weight and height of < 30 cm simplify installation and positioning.
- Extra quiet in operation, down to 30 dB(a) 20 m<sup>2</sup> Sabine.
- Simple to operate, change filters and maintain.
- Can be controlled using cloud services.
- Modern design.
- Efficient and reliable – also in the cold Scandinavian climate.
- Compliant with IP class 21 when installed on the ceiling.

## Automatic control

The Flexit GO app is standard for the unit.



The CI 70 control panel is available as an accessory.

	GTIN	Model
800200	7023678002001	Nordic CL3 RER right-hand model with electric battery
800201	7023678002018	Nordic CL3 REL left-hand model with electric battery

## Technical data

		CL3 RE with electric battery
POWER	Rated voltage (AC 50 Hz)	230 V
	Frequency	50 Hz
	Fuse size	10 A
	Rated current	3.9 A
	Rated power, total	679 W
	Rated power, max. electric battery	500 W
	Rated power, fans	2x83 W
	Rated power, rotor motor	4 W

VENTILATION	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

DIMENSIONS	Filter dimensions (WxHxD)	290 x 230 x 48 mm
	Kitchen fan connection	Dia. 125 mm
	Weight	58 kg
	Duct connection	Dia. 160 mm
	Height	700 mm
	Width	1160 mm
	Depth	296 mm

COATING	Colour	White
	RAL	9016
	Gloss	25-35

Energy class:



CTRL 0.65

### LOCAL DEMAND CONTROL

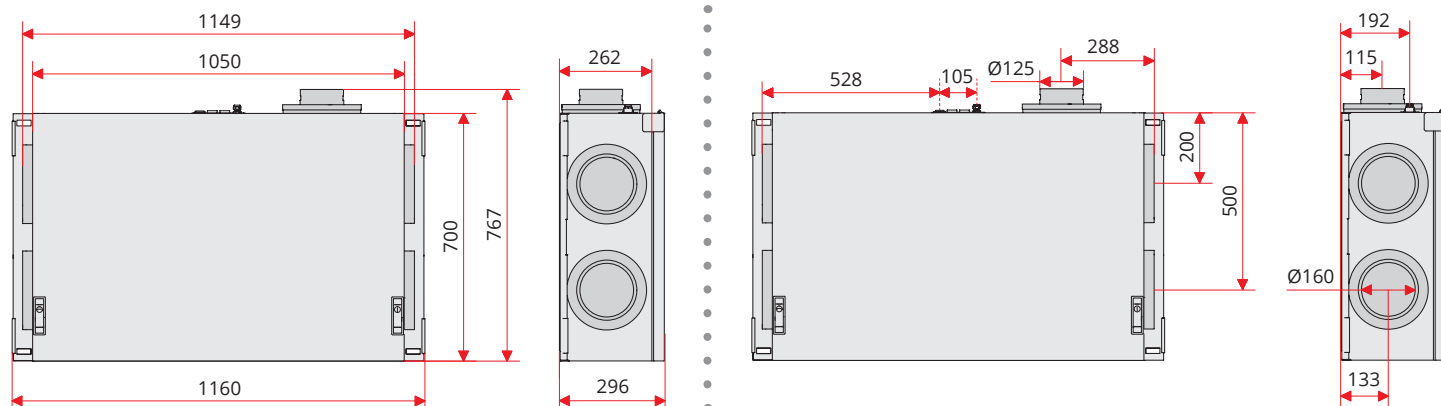
Sensor control for different zones

**Accessories:** App + CO<sub>2</sub> sensor/motion sensor + damper

**Result:** Increased air flow rate in zones that need it

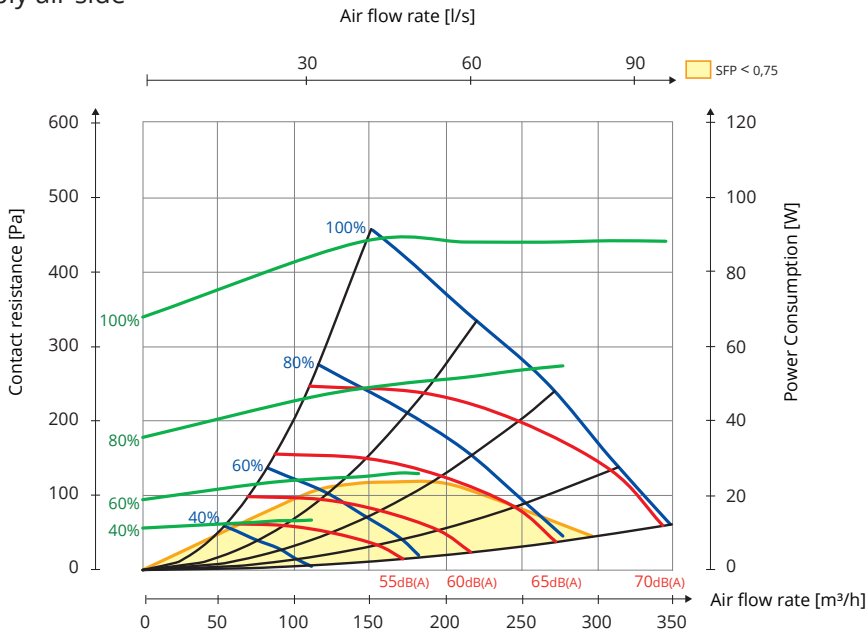
## Dimensioned drawings

Dimensions in mm

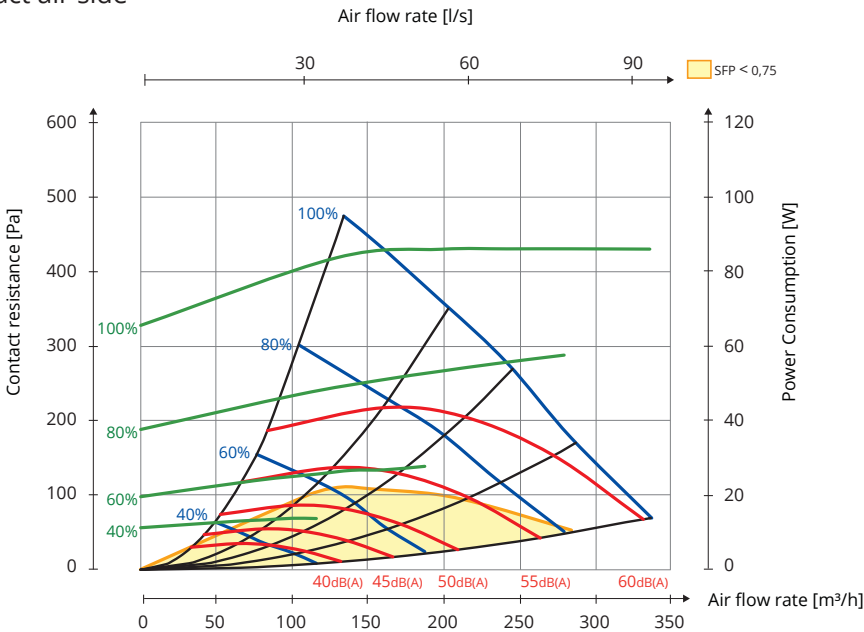


## Capacity diagram

### Supply air side



### Extract air side



Hz	63 Lw(dB)	125 Lw(dB)	250 Lw(dB)	500 Lw(dB)	1000 Lw(dB)	2000 Lw(dB)	4000 Lw(dB)	8000 Lw(dB)	LwA (dBA)
Supply air	4	6	4	-6	-9	-10	-17	-23	
Extract air	7	10	6	-8	-16	-18	-28	-29	
Radiated sound 1	-11	-17	-15	-21	-28	-28	-31	-39	-19
Radiated sound 2 (integrated)	-11	-22	-21	-32	-37	-37	-41	-48	-27

#### Explanation of diagram:

Sound data is specified as sound power level LwA in the capacity diagrams. (This is sound to duct.)

These values can be corrected by means of the table for the different octave bands in order to look at Lw (without adaptation to A band).

The correction table for the various octaves is stated in Lw, which means that the Lw values are after conversion of each octave for supply air and extract air.

Radiated sound from the unit must be calculated from the supply air diagram.

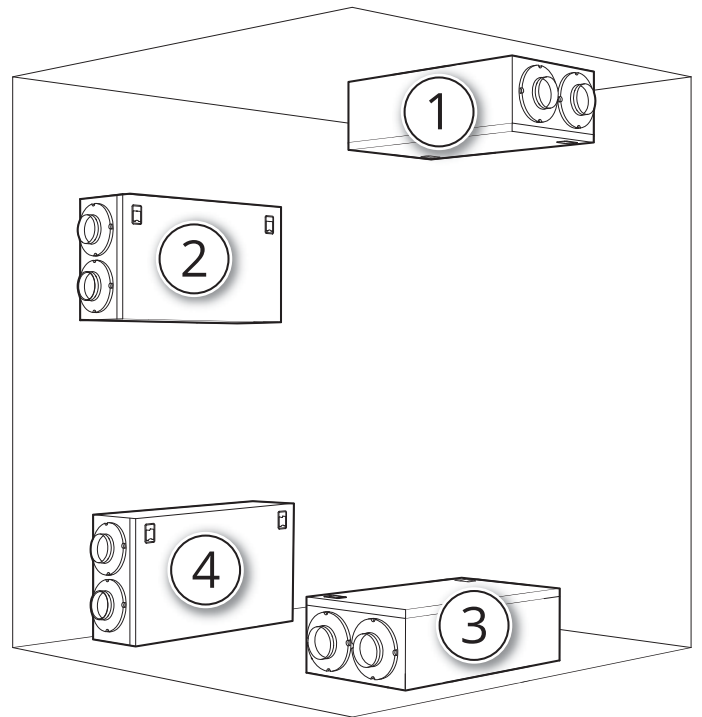
## Position

The unit can be installed in the following ways:

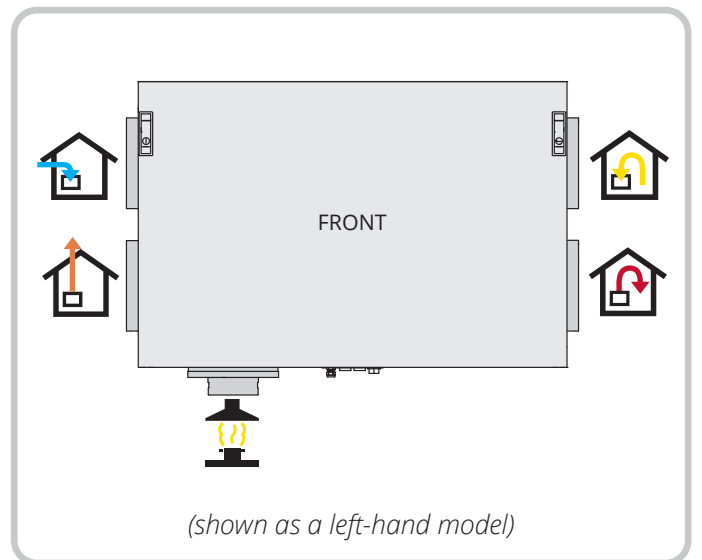
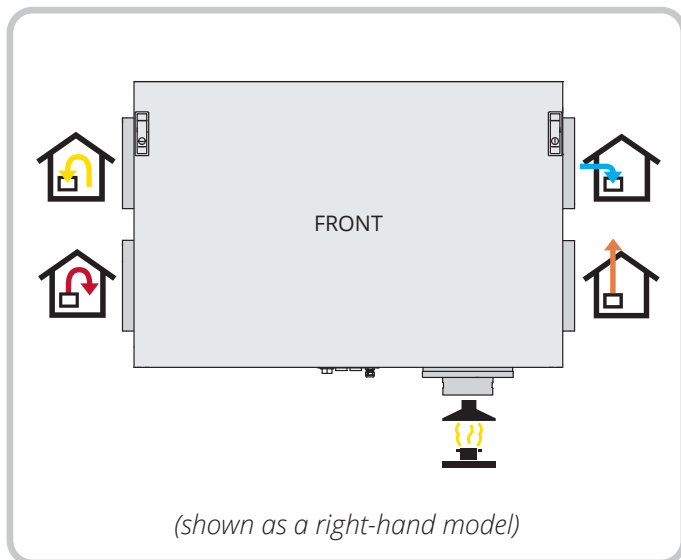
1. On the ceiling.
2. On the wall (mounting is available as an accessory)
3. Horizontally on the floor (absorption feet are available as an accessory or use damping blocks supplied with the ceiling suspension)
4. Vertically on the floor (absorption feet are available as an accessory or use damping blocks supplied with the ceiling suspension)

The CL3 is available in both a right and a left version, depending on what best matches the duct location.

The unit can be located in a cold zone such as the loft.



## Nipple location



For more information on topics including installation, wiring diagrams and accessories, see [www.flexit.com](http://www.flexit.com)