

# MYVALLOX 119 CFi MYVALLOX 149 CFi

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Easy to install, simple to use



**VALLOX**  
HOME *of* FRESH AIR

# MyVALLOX

119 CFi

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149 CFi

*Ideal for detached houses, Vallox's latest ventilation units are equipped with constant flow fans that ensure quick and easy installation and commissioning. The user can enjoy carefree and energy-efficient ventilation in their home.*

The new MyVallox 119 CFi and MyVallox 149 CFi ventilation units have identical outer dimensions but different performance characteristics. This makes them suitable for apartments and detached houses of different sizes: The indicative maximum floor area is 190 m<sup>2</sup> for MyVallox 119 CFi and 250 m<sup>2</sup> for MyVallox 149 CFi.

### Unit handedness can be changed on site

In Finland, the ventilation plan usually dictates the handedness of a ventilation unit. When you order a MyVallox 119 or 149 CFi ventilation unit, you do not have to choose the handedness of the unit – the handedness is easy to change during installation by

switching the door places. All ventilation units are right-handed by default.

The units can be installed to a wall, the ceiling or the floor. The standard delivery includes a wall mounting plate, and a ceiling mounting plate and a top panel feedthrough plate or a floor base are available as optional accessories.

### Faster commissioning

Both MyVallox 119 and 149 CFi feature an innovative CFi constant flow function with a measurement technology developed by Vallox. The commissioning of CFi units is significantly easier compared to previous models because the airflows can be

adjusted by total airflows directly from the control panel. This makes the setup process considerably faster.

The commissioning options can be saved and used later when installing a unit in a similar location, which makes setup even faster.

### Always constant air flows

The constant flow function balances ventilation by keeping the airflows at the desired level – even in windy conditions.

Pressure ratio management is key to enhancing living comfort. In an apartment with negative pressure, air impurities can enter the apartment and opening the front door can become difficult.



On the other hand, a high-pressure apartment can experience frosted windows or moisture in building structures. In the long run, this can lead to health problems or building damage. The constant flow function makes pressure ratio management easy.

A ventilation unit that features the constant flow function also compensates for dirty filters, keeping the air volumes constant even when the filters become dirty. However, it is important to note that the unit uses more energy when the filters are dirty, since the fans must work harder to maintain the air volumes. Therefore, it is recommended the filters be replaced regularly. Clean filters also keep the supply air fresh.

### Carefree ventilation

Replacing the filters of MyVallox 119 and 149 CFi ventilation units is easy without opening the unit door. The tightly sealed filter hatches on the door are easy to remove and replace.

The units have all the modern MyVallox properties, including integrated humidity and carbon dioxide sensors that boost ventilation when necessary. In other words, ventilation is completely automated and energy-efficient.

The unit is controlled with a control panel installed inside the apartment or from the cooker hood. The unit can also be connected to a free cloud service or a building automation system.

### Improved energy performance

The efficient heat recovery system of MyVallox 119 and 149 CFi ventilation units ensures excellent energy performance. The

units' annual efficiency is outstanding at 83–84%. The partial HR bypass feature keeps the supply air temperature constant also in spring and autumn.

In addition, the units' constant flow fans are extremely energy-efficient and consume substantially less electricity than older ventilation unit models. The energy class of both units is A+.

*The annual electricity consumption of the new MyVallox 119 and 149 CFi ventilation units can be a third lower compared to older models in the same size category.*



SPECIFICATIONS				
<b>Product</b>	MyVallox 119 CFi XA12	MyVallox 149 CFi XA12	MyVallox 119 CFi XA12 & MyVallox 149 CFi XA12	
<b>Product code</b>	4126609	4122612	<b>Heat recovery bypass</b>	Automatic
<b>HVAC number</b>	7912227	7912226	<b>Post-heating</b>	Electrical resistor, 900 W
<b>Air volumes</b>	Supply air 116 dm <sup>3</sup> /s, 100 Pa Extract air 117 dm <sup>3</sup> /s, 100 Pa	Supply air 145 dm <sup>3</sup> /s, 100 Pa Extract air 148 dm <sup>3</sup> /s, 100 Pa	<b>Pre-heating</b>	–
<b>Fans</b>	Supply air 0.12 kW 1.0 A EC Extract air 0.12 kW 1.0 A EC	Supply air 0.17 kW 1.35 A EC Extract air 0.17 kW 1.35 A EC	<b>Additional heating</b>	Electrical resistor, 1500 W
<b>Electric connection</b>	230 V, 50 Hz, 12.2 A plug	230 V, 50 Hz, 12.9 A plug	<b>Enclosure class</b>	IP 34
<b>Efficiency*</b>	Annual efficiency 84% Supply air efficiency 89% Specific fan power SFP 0.9 kW/m <sup>3</sup> /s (81 dm <sup>3</sup> /s)	Annual efficiency 83% Supply air efficiency 89% Specific fan power SFP 1.1 kW/m <sup>3</sup> /s (101 dm <sup>3</sup> /s)	<b>Filters</b>	Supply air ISO Coarse > 75% + ISO ePM <sub>1</sub> ≥ 60% Extract air ISO Coarse > 75%
<b>Specific energy consumption (SEC)</b>	cold climate A+ temperate climate A+		<b>Dimensions (w x h x d)</b>	643 x 932 x 540 mm
			<b>Weight</b>	79 kg

\*At an operating point designated by the Ecodesign Directive (2009/125/EC), Southern Finland Helsinki-Vantaa TRY 2020.

## ENERGY-SAVING CONSTANT AIR FANS KEEP THE AIR FLOWS IN BALANCE

- The new CFi constant flow function maintains the desired airflow level in all conditions.
- The constant flow function is integrated into energy-efficient EC fans.
- Thanks to the fans, the annual energy consumption of the new units can be a third lower compared to older models in the same size category (see page 3).
- The energy class in a temperate climate is A+.



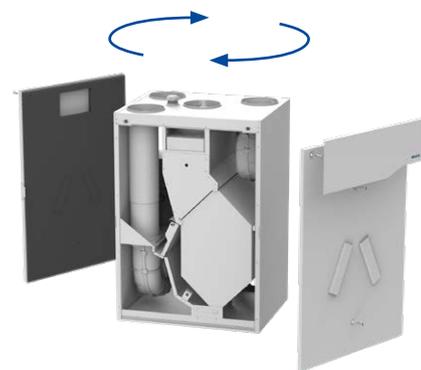
## HIGH-QUALITY FINNISH WORK



- Designed and manufactured in Loimaa, Finland, with over 50 years' experience.

## EFFICIENT HEAT RECOVERY

- Efficient heat recovery with partial bypass enables energy-efficient ventilation.
- Annual efficiency up to 84%



## INNOVATIVE, AMBIDEXTROUS FRAME

- Two units of the same size but with different air volumes.
- The unit's handedness can be changed from right to left by switching the places of the front and back door.

## CAREFREE AND MODERN VENTILATION

- Filter replacement through tightly sealed filter hatches on the unit door.
- Low sound level for enhanced living comfort.
- The integrated humidity and carbon dioxide sensors boost ventilation when necessary. VOC sensors are available as an optional accessory.
- Multiple control options.

## QUICK INSTALLATION AND COMMISSIONING

- Wall, ceiling or floor installation: the floor base and ceiling mounting plate are available as optional accessories.
- Smart total air flow adjustment directly from the control panel makes commissioning easier than ever.
- The Vallox technical support helps professionals throughout the product's lifecycle.

# VALLOX

[www.vallox.com](http://www.vallox.com)

Vallox Oy | Myllykyläntie 9-11 | 32200 LOIMAA | FINLAND