

KITCHEN SOLUTION

MOST EFFICIENT IN TERMS OF SPACE USE



Vallox
51_{MV}

Vallox
51K_{MV}

VALLOX
HOME *of* FRESH AIR

A VENTILATION UNIT WITH A COOKER HOOD SAVES ROOM IN SMALL APARTMENTS

The unit installed in the kitchen combines ventilation and extraction of cooking smells. Placing the ventilation unit in the kitchen, it enhances the use of space in small apartments in particular. There is no longer need to reserve space for the ventilation unit in e.g. the small bathroom.

The ability of the residents to adjust the efficiency of ventilation based on their individual lifestyle has been shown to enhance their satisfaction with living. The kitchen solution enables apartment-specific ventilation, even in mini-apartments. When the ventilation unit is integrated with the kitchen cabinet, similarly to domestic appliances, it is elegantly out of view, yet easy to use and service. There is plenty of space for maintenance measures, such as replacing the filters, in front of kitchen cabinets.

Quiet and fire safe - and naturally also energy efficient

With an indicative maximum floor area of 75 m², Vallox 51 is best suited for one and two bedroom apartments, and for relatively small three bedroom apartments.

The ratio on supply and extract air remains balanced also during the defrosting cycle. The internal humidity sensor ensures that ventilation is also boosted automatically where required.

The unit is rated in energy class A; equipped with an additional sensor, the class can be increased to up to A+. Also

the extract air of the cooker hood passes through the heat recovery cell.

Special attention has been paid to acoustic properties in the design of the unit that is intended for use in kitchens.

The metal structure makes Vallox 51K MV a fire safe ventilation solution for kitchen installations. The electric assembly that can be removed as one piece allows for easy maintenance.

Diverse control options

Vallox 51K MV has several different control options. The front panel of the inconspicuous cooker hood is equipped with easy-to use capacitive switches.

The unit can also be connected to building automation systems (Modbus and KNX). This enables an easy centralised control of data produced by the unit. The number of maintenance visits can also be reduced,

as the unit can be adjusted remotely. Vallox's technical support provides assistance throughout the unit's service life.

Vallox 51 MV without a cooker hood

The Vallox 51 ventilation unit is also available without a cooker hood (Vallox 51 MV). The unit is only 349 mm deep, which enables installation e.g. above a toilet seat.

Did you know that the BIM models of the Vallox 51K MV and Vallox 51 MV ventilation units can now be downloaded free of charge for Revit and AutoCAD? MagiCAD is also supported.

COVER PANEL ADDS STYLE



The cover panel is mounted on the ventilation door with magnets to cover the door screws. It gives the unit a stylishly elegant look, no matter where the unit is located.

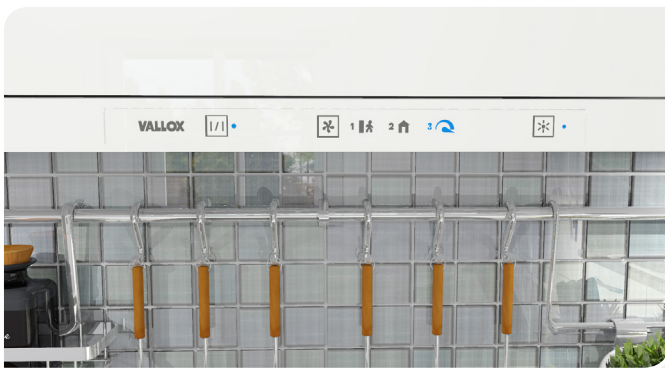
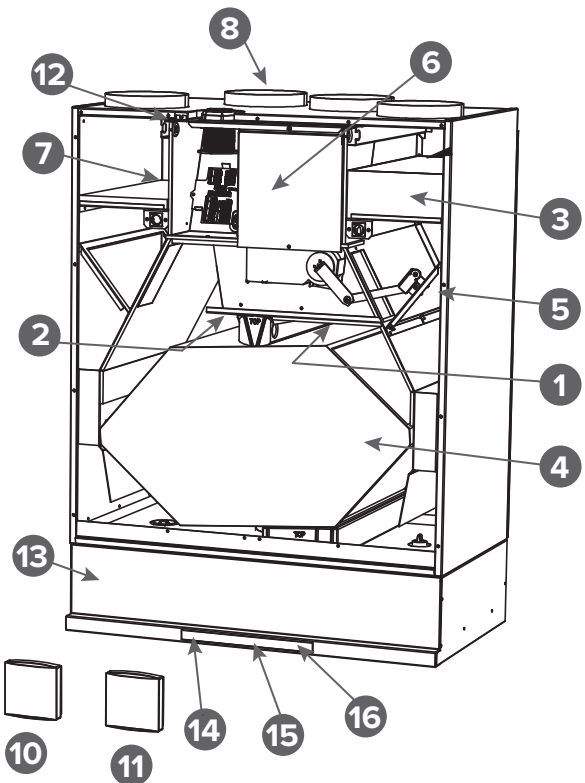




Read more about the Vallox 51K MV ventilation unit on our website!

Main parts:

1. Extract air fan
2. Supply air fan
3. Coarse and fine filter for supply air
4. Heat recovery cell
5. Bypass flap
6. Electric assembly
7. Coarse filter for extract air
8. Post-heating resistor
9. Control panel
10. Carbon dioxide sensor (optional)
11. Humidity sensor (optional)
12. Internal humidity sensor
13. Cooker hood
14. Flap button
15. Fan speed button
16. Light button



VALLOX CAPTURA COOKER HOOD

The Vallox Captura cooker hood is only compatible with Vallox 51K ventilation units. The modern simplified cooker hood has a low front panel that merges with the kitchen cabinet and has capacitive switches that have been marked with clear icons.

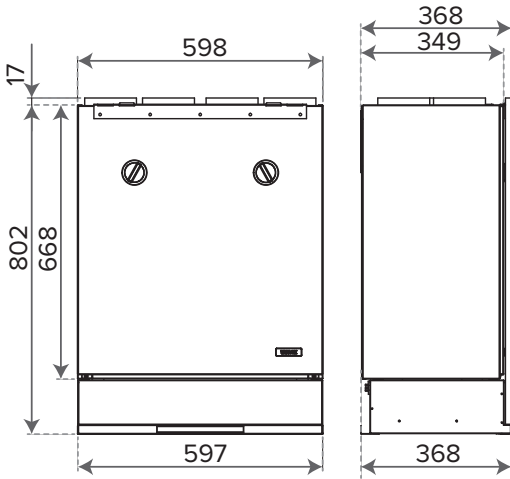
The even switch panel makes it easy to keep the cooker hood clean. The cooker hood has no glass or easily damaged mechanical parts. The cooker hood is equipped with a motorised flap.

The standard width of the Vallox Captura cooker hood is 600 mm. The available colours are white and stainless steel.

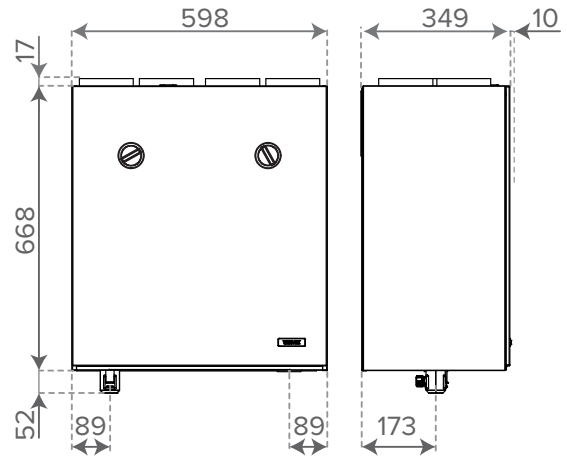


Dimensions

Vallox 51K MV



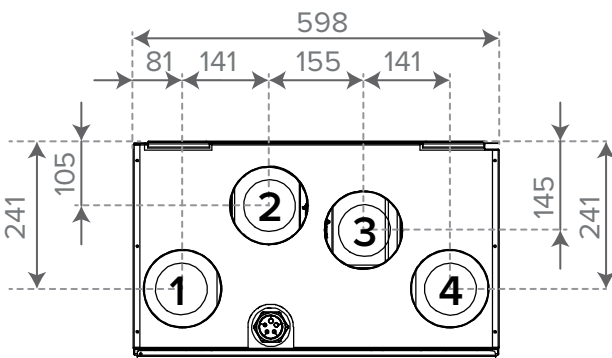
Vallox 51 MV



TECHNICAL SPECIFICATIONS

Product title Vallox 51K MV R Vallox 51K MV L Vallox Captura white hood Vallox Captura SST hood	Product number See www.vallox.com	Dimensions (w x h x d) and weight Vallox 51 MV Vallox 51K MV	598 x 668 x 349 60 kg 598 x 802 x 349 66,2 kg
		Heat recovery bypass	Automatic
Air volumes Supply air Extract Air	47 dm ³ /s, 100 Pa 51 dm ³ /s, 100 Pa	Fans Supply air Extract Air	0.119kW, 0.9A EC 0.119kW, 0.9A EC
Electrical connection	230 V, 50 Hz, 5.7 A power plug	Specific energy consumption (SEC) in a cold climate in a temperate climate	A+ A
Enclosure protection class	IP34	Efficiencies Supply air efficiency Specific Fan Power (SFP)	84% 0,94 kW (m ³ /s)
Post-heating resistor	Electric, 900W	Filters Supply air Extract Air	ISO Coarse > 75% + ISO ePM ₁ ISO Coarse > 75%
Preheating resistor	-	Additional heating resistor	-

Duct outlets



Inner diameter of the female collar: 125 mm

R model

1. Extract air from the apartment to the unit
2. Supply air from the unit to the apartment
3. Exhaust air flowing outdoors from the unit
4. Outdoor air to the unit

L model

1. Outdoor air to the unit
2. Exhaust air flowing outdoors from the unit
3. Supply air from the unit to the apartment
4. Extract air from the apartment to the unit

VALLOX

www.vallox.com

Vallox Oy | Myllykyläntie 9-11 | 32200 LOIMAA | FINLAND
 Customer Service +358 10 7732 200