



THE UNIT FOR HEALTHY LIVING

**MARTA**

- removes 99.9 % of pollution from incoming air •
- filters out exhaust fumes, industrial emissions, etc •
- ensures a healthy environment •



## Ventilation is important

Fresh air is needed for healthy breathing and securing a healthy environment.

Permanent building ventilation eliminates moulds occurrence caused by high levels of air humidity.

## Why is ventilation with Marta better than with windows?

„Marta – the unit for healthy living “ greatly reduces penetration of harmful factors from the outside environment:



### Allergens:

The unit removes 99.9% of pollution particles dispersed in the air.



### Noise level:

Use of the unit prevents outside noise getting inside.



### Bad smells:

Filters eliminate penetration of contaminated air from the outside environment.



### Insects:

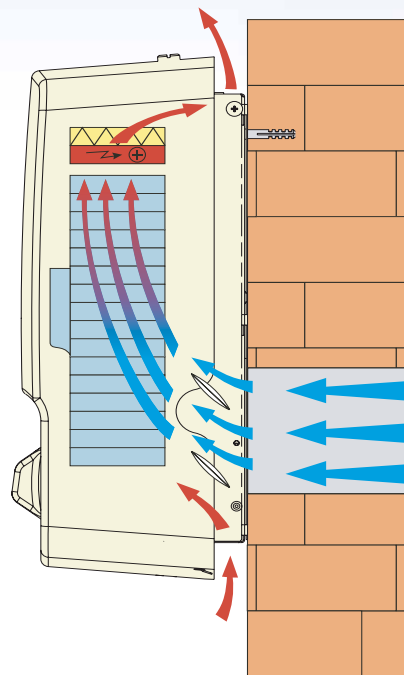
Thanks to ventilation without opening windows no insects get inside.

## How does the unit operate?

The unit draws in fresh air from the outside environment and recirculates air from the ventilated room. Quantity of the recirculating air can be set from 0% up to 100%. The air is filtered and heated up. Two-step filtration not only removes particles dispersed in the coming air but also partially removes unpleasant odours. The treated air is then exhausted into the aerating room.

## Where to use it?

„Marta – the unit for healthy living “ is used to provide ventilation for individual rooms of flats and family houses, in offices, smaller workshops, etc.



## Technical parameters:

Power supply V/Hz	Fan input W	Heater input W	Total current A	Noise level* dB(A) 3m	Filter			Air flow m³/h	Weight kg	El. protection
					1st step	2nd step	Efficiency			
230/50	9 / 13 / 40**	800	3,7	22,3 / 33 / 38	Active carbon filter	Folded F9 filter	99,9%	40 / 80 / 120	5,8	IP 20

\*Acoustic pressure measured at 3 m distance.

\*\*3 step fan regulation.

## Filter type:

Filter type	Active carbon	Folded – class F9
Particles absorbed by filter	Exhaust gas	Fly ash
	Industrial exhaust (SO <sub>2</sub> , Nox)	Dust
	Fumes from organic compounds:	Pollen
	Styrenes	Seeds (allergens)
	Acetates	Germs
	Benzene	Soot
	Diesel	Tobacco smoke
	Acid gases	
	Meat processing fumes	
	Formaldehyde	
	Ammonia	
Note	Above quoted compounds are absorbed by the filter mostly but not entirely. Efficiency of the filter decreases with time of using. To secure maximal efficiency of absorption it is recommended to change the filter regularly	It significantly decreases dustiness in room and improve healthy environment. This brings benefits especially to the persons with respiratory problems and allergies.

... for healthy living



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## Key to code

Small inlet ventilating unit „for healthy living“ with filtration and heating

JR

### Design

M (Marta)

### Type

Three stage fan control, heater +5 to +45°C,  
F9+carbon, mixing flap, manual control

JR

M

A

