AERECO

VAM

Acoustic whole-house fan – 6 rooms

Silent: only 29 dB (A)*.

DCV

Constant pressure: fitted to demand controlled exhaust units.

Choice of 3 settings at the time of installation: 80, 100 and 120 Pa.

W

Low energy consumption: only 23 W**.

Outlet 125 mm in diameter
Inlets 100 or 125 mm.

Easy to install: easy to handle and can be directly installed in living space (in a wall cupboard, corridor, etc.).

High capacity and low consumption

Thanks to its slim styling and silent running, the VAM fan is ideal for installation in living spaces. With its powerful AC motor and its optimised design, the VAM can be connected to up to six exhaust units in the same dwelling. Its airflow characteristics (constant-pressure curve) are well suited to operation with demand controlled exhaust units.

Intelligent motor

The VAM is driven by a single-phase asynchronous motor the speed of which is held constant by a tachometer and an electronic board, whatever the airflow required by the exhaust units**. The power is adjusted and optimised to limit noise and energy consumption.

3 pressures available

The VAM provides a choice of three pressure levels at the time of installation: 80, 100, or 120 Pa. This feature can be used to satisfy specific regulations or to compensate for complex ductwork.

Installation close to the occupant

Because the VAM is silent (acoustic foam) and compact, it is easy to install directly in the living space of the dwelling, in a wall cupboard, a loft space, etc. Maintenance is facilitated by its location within the dwelling.

* @ 100 m^3/h

** Within the limits of available power

VAM Acoustic whole-house fan – 6 rooms

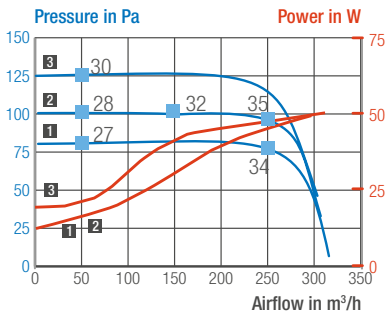
		VAM 230 V	VAM 100 V
Standard code		VAM767	VAM777
Airflow characteristics			
Max. airflow @ 100 Pa	m^3/h	250	
Max. pressure	Pa	130	
Available pressure settings	Pa	80 - 100 - 120	
Acoustics			
Sound pressure level Lp (r = 2 m) [airflow in m^3/h]	dB(A)	29 [100] ; 33 [200]	
Electrics			
Power supply		230 VAC / 50 Hz - 230 VAC / 60 Hz	100 VAC / 50 Hz
Motor type		asynchronous single-phase	
Power consumption [airflow in m^3/h]	W	23 [100] ; 44 [200]	
IP degrees of protection		IP30	
Characteristics			
Weight	kg	18	
Colour		metal	
Material (main)		galvanised steel	
Dimensions	mm	480 x 480 x 240	
Specifications ErP			
SEC, Climat		Cold: -53,24 / Average: -26,18 / Warm: -10,67	
ErP classification from 01/01/2016*		B	
ErP information		http://www.aereco.com/product/vam/	
ErP Label		http://www.aereco.com/product/vam/	
Installation			
Max. available duct connections		7	
Max. connectable exhaust units (airflow capacity)		6	
Inlet**	mm	ø125	
Outlet	mm	ø125	
Installation		inside the heated volume / in protected non-inhabitable place (attic, etc.) / wall / ceiling / floor	
Maintenance			
Filter		-	
Cleaning		easy-to-open cover (4 screws)	
Operation			
Direct-drive impeller		■	
Max. speed	RPM	1 100	

*Regulation based on at least two demand controlled exhaust units

**available accessories: ø80, ø100 and ø125mm

■ standard

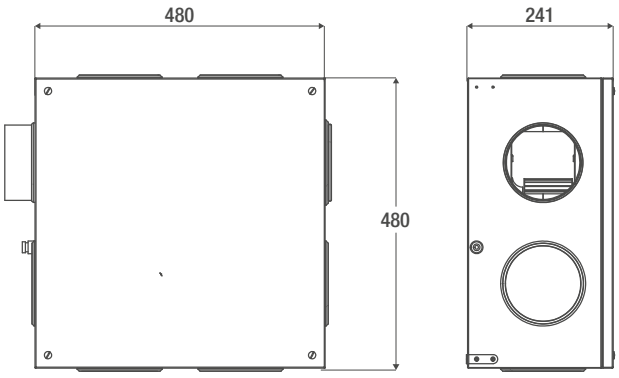
Airflow characteristics



■ Sound pressure level Lp @ 2 m in dB(A)

1 2 3 Settings at time of installation

Dimensions in mm



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