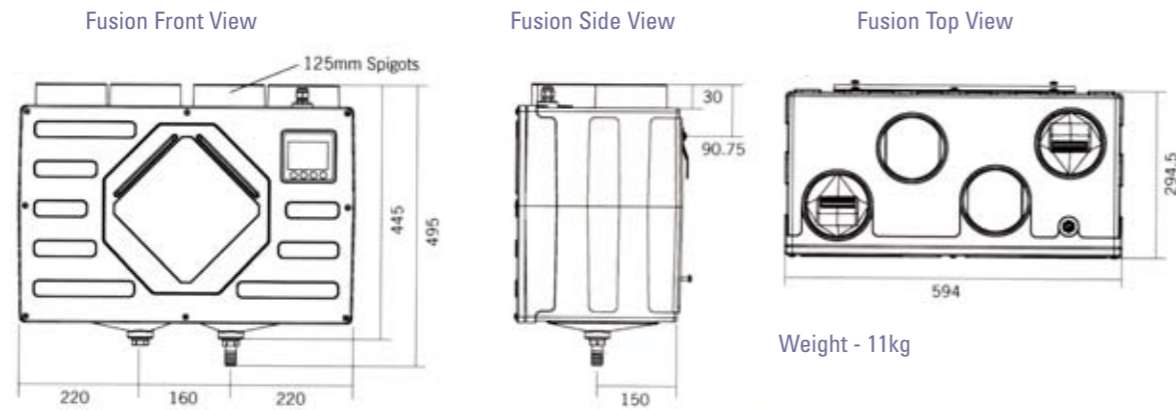


# Technical Specification

## Physical Specification

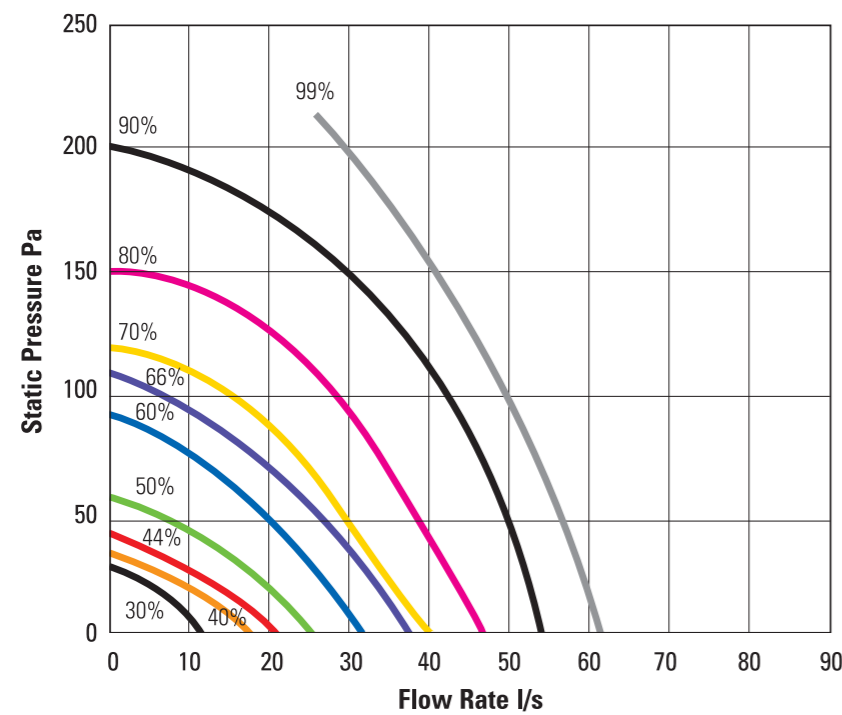


## Performance Overview

Model	Performance to BS 848 Pt1 in free air l/s		Consumption (W)		Sound Pressure level @ 3m (dB(A))	
	Boost	Normal	Boost	Normal	Boost	Normal
HRV1	38'	21'	28'	13'	25'	15'

\*HRV1 factory settings

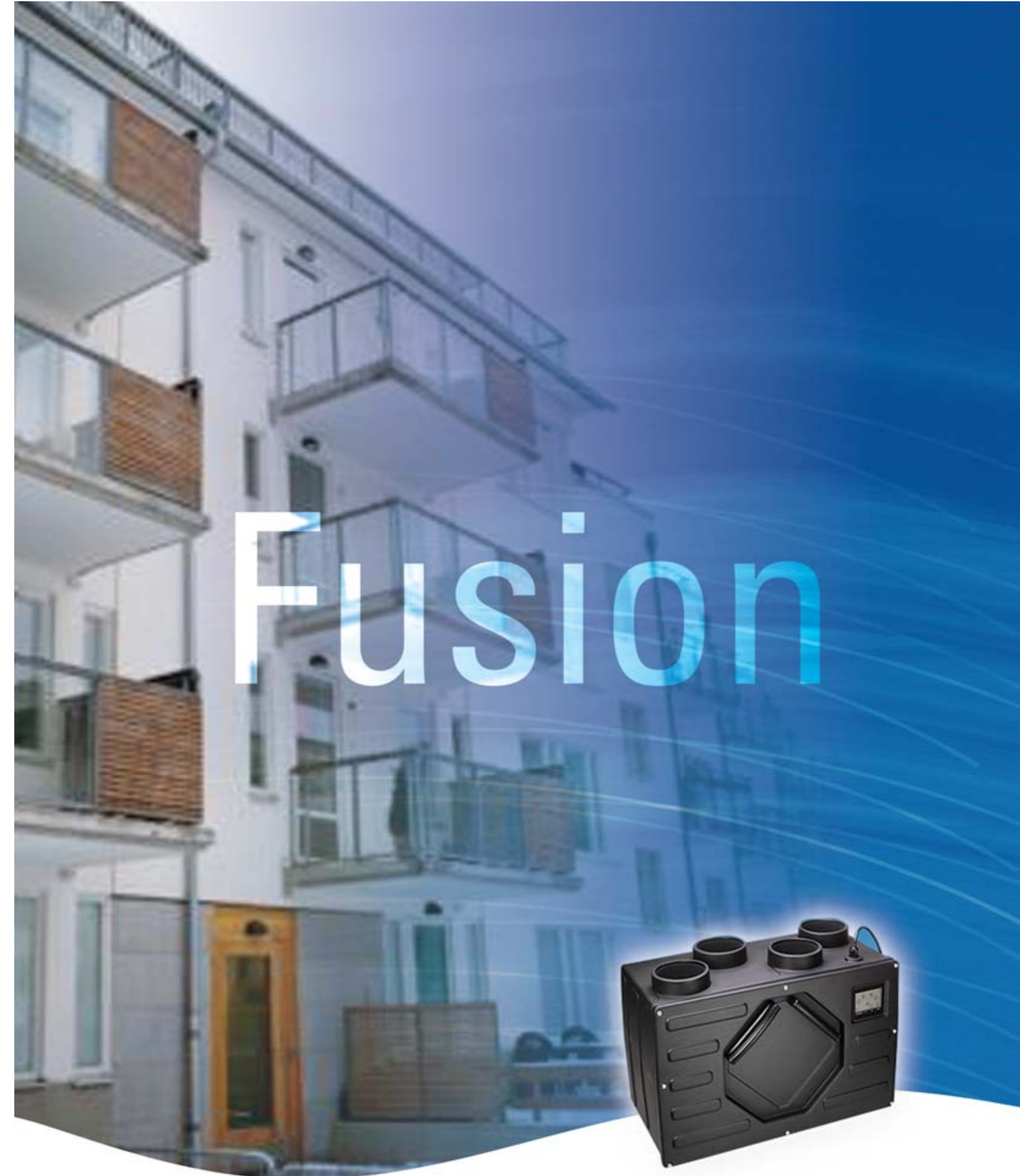
## Airflow Performance



**Electrical Specification:**  
230V~50Hz Class II

**Consumption:**  
Normal 13W  
Boost 28W  
Max 81W

9W for both fans   
  28W for both fans  
 13W for both fans   
  81W for both fans



**GREENWOOD**  
AIRVAC

**Fusion** - the efficient answer to apartment ventilation

# Fusion - Heat Recovery ventilation for apartments

## Reducing DER

- MVHR can help to reduce emission rates in SAP
- Fusion has the lowest specific fan power available
- Fusion is the only compact unit suitable for apartments on SAP Appendix Q Website

[www.sap-appendixq.org.uk](http://www.sap-appendixq.org.uk)

## Simple, Cost Saving Installation

- The quickest unit to wire
- Fast commissioning through LCD Display
- Plug and Play - live, neutral and earth and you're ready to go



Ready to connect to electrical supply

## Effective Controls

- Automatic boost via humidity sensor - no requirement for extra switching
- Option to extract only in the summer, to keep occupants cool

Simple 2-point wall installation



Visible operating status and control

Easy pull out washable filters



Easy condensate connection



## Silent Ventilation

- The quietest MVHR unit on the market - ideal for apartments
- No more nuisance noise for occupants
- Supply and Extract system requires no trickle vents - ideal for acoustic sites

## Easy Maintenance

- Long life, pull out washable Grade EU3 filters - removing the need for regular maintenance of the heat exchanger
- Wipe-clean internal ceiling grilles
- Fit and forget it