

# AVIAM1100 Specification Sheet

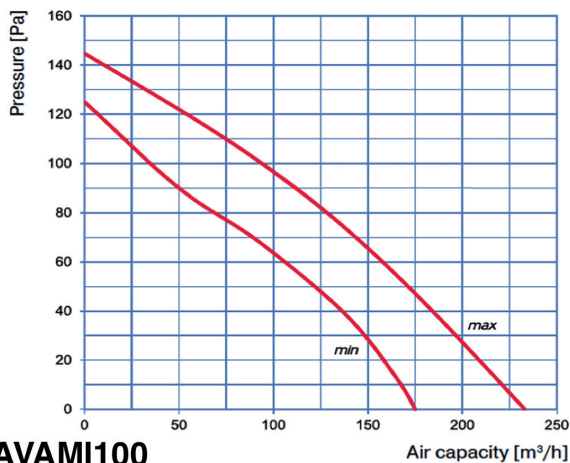


## Technical Details

Construction	Polymer Coated Steel
Rating	220-240V ~50Hz~AC 26W
IP Rating	IP44
Class	Class I
Motor	Double Speed Single-phase high-efficient motor with low energy demand on pre-oiled bearings Overheating protection by built-in thermal switches.
Operating Temperature	Maximum operating Temperature 60°C
Approvals	CE, ErP 2018
Warranty	5 Years Exchange
Country of Origin	UK
Manufacturer	Addvent

## Performance Details

AVIAM1100	m <sup>3</sup> /hr	l/s	dB(A) @ 3m	Power (W)	SPF (W/l/s)
Max Speed	233	65	29	26	0.40
Low Speed	175	49	24	24	0.48



## AVIAM100

Sound-power level	Octave-frequency band [Hz]								
	Gen	63	125	250	500	1000	2000	4000	8000
L <sub>WA</sub> to inlet, [dBA]	42	19	18	29	35	39	39	31	24
L <sub>WA</sub> to outlet, [dBA]	45	20	19	30	38	42	35	35	23
L <sub>WA</sub> to environment, [dBA]	34	15	14	17	25	29	21	22	14

## Product Description

AVIAM1100 Acoustic In-Duct Mixed Flow Fan

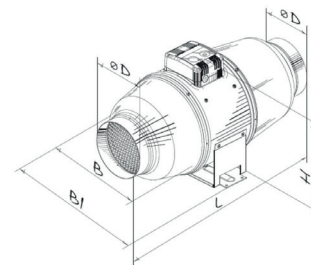
## Key Features

- Fully lined acoustic in-line fan range.
- Duct diameters 100mm
- Can be connected to a fan speed regulator or control system. Can be used for supply and extract air.
- Built-in mounting foot.
- Casing made of low-flammable polypropylene.
- Designed to fit all standard duct sizes.
- 2-speed German ball bearing motors used.
- Can be installed anywhere in a ducted ventilation systems. Equipped with thermal overload protection.
- Highly efficient range of low noise extractor fans.
- 5 Year warranty.

## Models

Model No.	Product Description
AVIAM1100	100mm Acoustic In-duct Mixed Flow Fan

## Dimensions



Dimension (mm)	B	BI	ØD	H	L
AVIAM1100	214	243	98	251	505

## Additional Information

- Mounting feet on Fan to allow installation to Floor, Walls and Ceiling.
- Ideal solution for limited spaces due to the compact design Smooth speed control is possible with an additional speed controller.
- Suitable for installation in any section of the ventilation system from intake to the end of the ductwork.
- External Air tight terminal block on casing for power supply High performance due to the diffuser, specially profiled impellor and direction vanes along with low noise operation.
- Special inner perforations of the casing and the sound insulation material designed to absorb a wide range of sound.



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