

High Purity Filtration Solutions

Self-Contained HEPA Filtration Units

AstroPure CUBE - Compact HEPA H14 Air Purifier for areas where extra high filtration performance is needed and small equipment footprint is required



AstroPure CUBE

AIR PURIFICATION SYSTEM

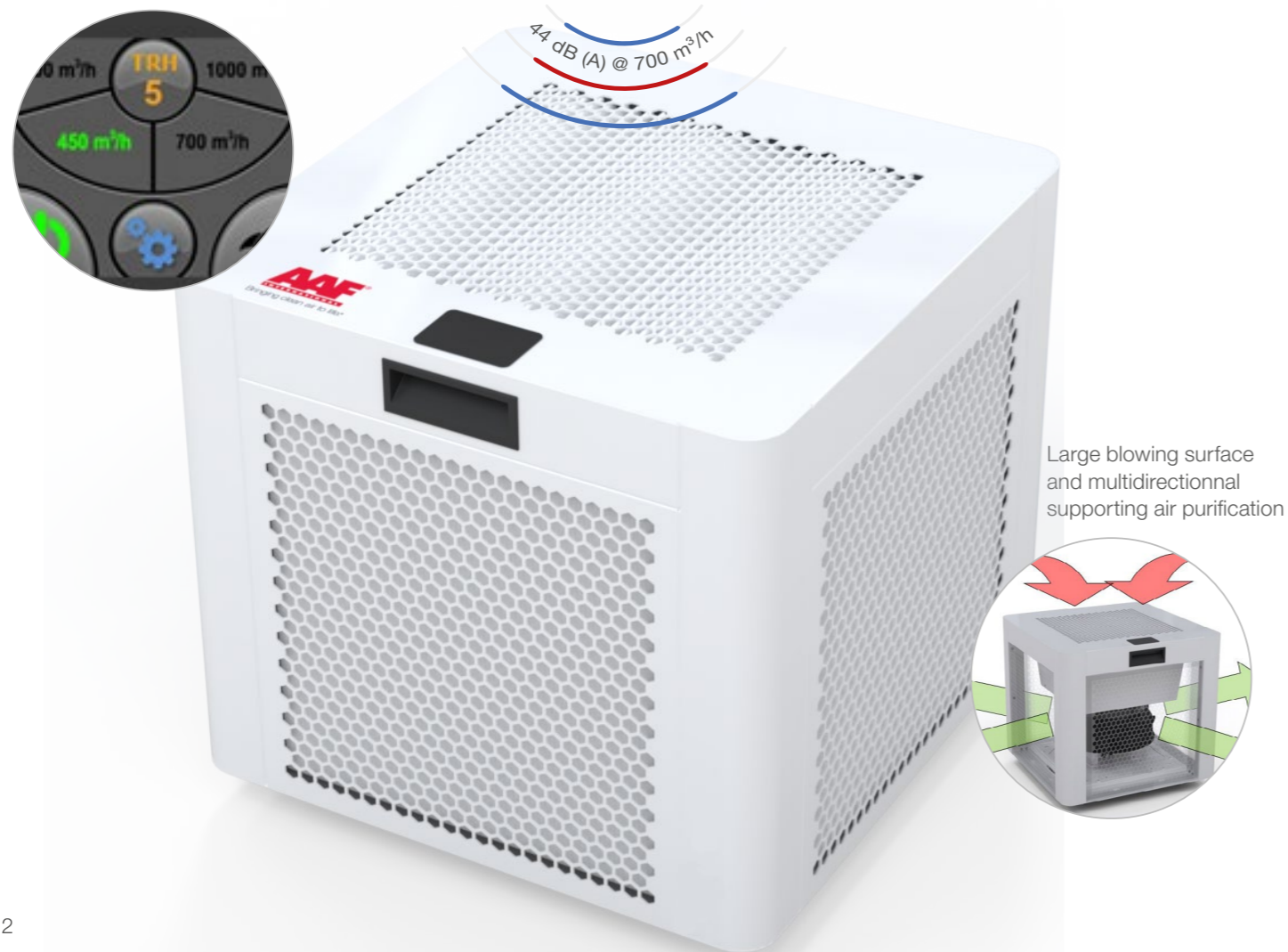
Features & Benefits

- Space saving and compact design
- Energy efficiency level: A
- Durable aluminium frame
- Epoxy paint
- Easy maintenance
- Fast and quiet
- Efficiency HEPA H14
- Safe: no release of by-product
- Flow rate max. 1.000 m³/h
- Very light weight enables easy repositioning within the room or from one room to another

- Coloured touch screen
- Viewing of operating parameters
- Display of warnings

Typical Applications

- **Healthcare:** retirement homes, private practices, dental. Protection of residents, patients and medical staff
- **Schools:** protections of children and teachers in canteens and classrooms
- **Companies:** protection of workers in offices, meeting rooms, dining areas
- **Cafes, hotels and restaurants:** protection of customers and staff in dining rooms and kitchens



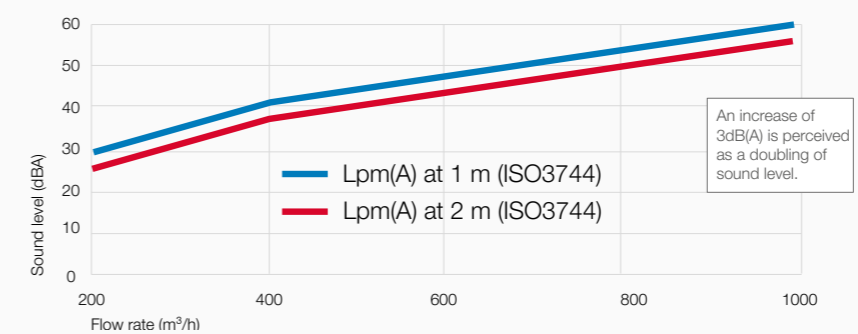
Technical Data

Technical Features		
Electric power	~230 V	50/60 Hz
Flow Rate (operating range)	From 200 to 1000 m ³ /h	
Dimensions	H 40 x L 42 x P 43 cm	
Weight	14 kg	
Conditions of use	Temperature +5 to +35°C	Relative humidity < 95% non condensing
Filters	HEPA H14 - Efficiency 99.995%	
Filtration media	ePTFE	

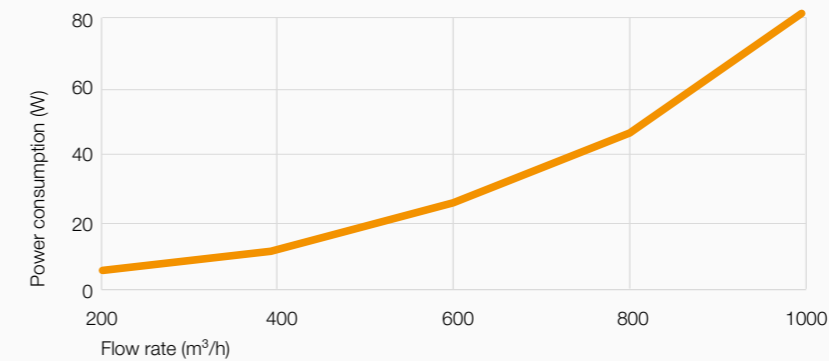
Case Study

Case Study: Room area 50 m ² , 3 m height		
Room volume (m ³)	150	
Air Change per Hour (ACH)	ACH 4	ACH 6
AstroPure CUBE flow rate (m ³ /h)	600	900
Sound level at 1 m dB (A)	44	57
Energy efficiency (m ³ /h/W)	20	13
Power consumption (W)	30	70
Ratio α (m ³ /h/dB(A))	14	16

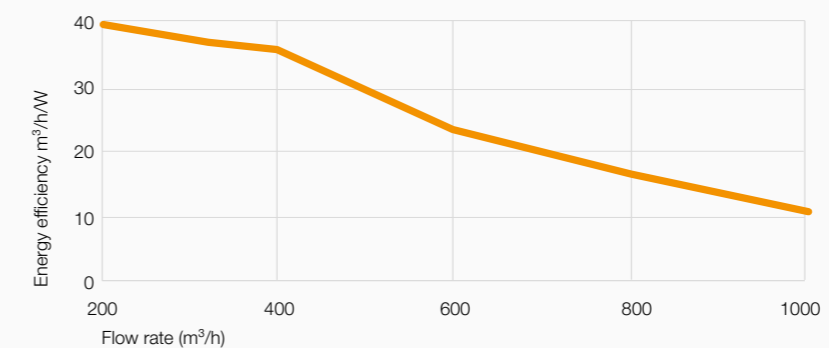
Sound levels according to ISO 3744 standard



Power consumption Watt



Energy efficiency m³/h/W according to NF 536 standard





AAF International Plant Locations

AAF, the world's largest manufacturer of air filtration solutions, operates production, warehousing and distribution facilities in 22 countries across four continents. With its global headquarters in Louisville, Kentucky, AAF is committed to protecting people, processes and systems through the development and manufacturing of the highest quality air filters, filtration equipment, and associated housing and hardware available today.

Contact your local AAF representative for a complete list of AAF Air Filtration Product Solutions.

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