

# Professional Air Purification



- A** Fan / motor unit
- B** HEPA filter
- C** Prefilter
- D** Control panel providing indication for filter change, speed control and on/off switch
- E** Air outlet grill

In its standard configuration, AstroPure is delivered with a galvanised steel finish. Optionally the unit is also available with a powder-coated finish (any RAL) for smooth integration into any room environment.



## A Fan/motor combination

AstroPure contains a high performance encapsulated, direct driven, backward curved fan/motor combination. Motor options are available to create air flows from 2,000 m<sup>3</sup>/hr up to 4,000 m<sup>3</sup>/hr. The specialised electronic commutation motor design permits variable speed control via a Potentiometer. The complete section is mounted on a sliding tray providing easy access to service the fan.



## B Easy filter installation and maintenance

The unique design of the clamping system is designed to take various AAF pre and main filters. This ensures easy installations, filter maintenance and disposal when no longer effective. The complete servicing is completed from the rear side.



## C Prefilter options

In its standard configuration, AstroPure is equipped with a RedPleat ISO coarse 70% prefilter. As an option, the unit can also be equipped with RedPleat Carb, an ISO coarse 65% prefilter including active carbon media able to additionally control unpleasant odours in the room.



## D Unit control options

As standard, AstroPure is equipped with control lights on the front to indicate necessary changes of the pre- or HEPA filter. Integrated knobs switch the unit on and off and control the speed. As an option, AstroPure can be delivered with a fully digital LCD display instead of the indicator lights and control knobs.



## E Air supply options

When operated as a Recirculation Unit, AstroPure releases the cleaned air via a perforated outlet grill on the top side of the unit into the room. Optionally, the air outlet can be designed so that the AstroPure unit can be connected to ventilation ducts.

### Specifications:

Model		BR00000749	BR00000751
Maximum Air Flow Rate	m <sup>3</sup> /h	2000	2000
Variable Speed Control		Yes	Yes
Dimensions	Height x Width x Depth mm	1630 x 770 x 770	1630 x 770 x 770
Weight	kg	165	165
Electrical Details		1 Phase, 230V, 50hz	
Fan	Type	EC centrifugal fan, backward-curved, single-intake	
Filter	Pre-Filter Standard mm (Height x Width x Depth)	ISO Coarse 70% (592 x 592 x 45)	ISO Coarse 70% (592 x 592 x 45)
	Pre-Filter Optional	ISO ePM10 70%	ISO ePM10 70%
	Gas Phase Filter Optional	-	ISO Coarse 65%
	Main Filter mm (Height x Width x Depth)	HEPA H14 (610 x 610 x 292)	HEPA H14 (610 x 610 x 292)
LCD Screen			Yes
Sound Pressure (min/max) dBA		35-52	35-52
Operating Conditions		0-50°C, H0 dry environment, ambient air ≤ 90%RH	

## Features

- › Suitable for in-room use or sheltered outdoor installation
- › Uses HEPA 14 filters in combination with optional pre and active carbon filters
- › Designed with variable speed fan (EC) and filter combinations to meet application requirements
- › Insulated double-wall construction provides whisper-quiet operation
- › Easy installation, operation, and maintenance in a totally self-contained system
- › Sliding tray design provides easy access and servicing of filters
- › CE-compliance, VDI6022 guided design
- › Suitable for schools, universities, commercial buildings, hospitality, health care, shops, malls