



FumeCube

What to specify...

1. Single or Dual Arm System

2. Voltage

3. Pre-filter

4. Main filter

6. Interfacing Kit

1	2	Single Arm System		Dual Arm System	
Voltage		230V ±10%	120V ±10%	230V ±10%	120V ±10%
Vacuum Control		072066	072067	072065	072068
Wattage		0.14 kW	0.107 kW	0.14 kW	0.107 kW
Frequency		50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz
Cabinet height		366 mm	366 mm	366 mm	366 mm
Cabinet width (not inc hose)		308 mm	308 mm	308 mm	308 mm
Cabinet depth (not inc hose)		294 mm	294 mm	294 mm	294 mm
Cabinet weight (inc filters)		17 Kg	17 Kg	17 Kg	17 Kg
Construction					
Precision engineered brushed stainless steel units. High performance continuous run brushless motors. Quick and simple to relocate.					

3	Pre-filter Pad	
	Options:	Code:
	F5 Pack of 4 (std)	200225
	F6 Pack of 4	200226
	F8/F9 Pack of 4	200316

4	Main filter	
	Options:	Code:
	HEPA/Chemical (std)	110536
	Chemical	110537
	Chemical Special	110544
	HEPA/Chemical Cleanroom*	110538
	Options:	Code:
	Solvent Lock	110543
	* Use in combination with 200316	
	Note: FumeCubes sold prior to December 2008 may require different filters. Please contact your local distributor for advice.	

6	Machine Interfacing (Optional)	
 Allows the Purex system to interface with a piece of equipment connected to it.	Start/Stop Control: Extraction unit starts/stops when a connected piece of equipment is switched ON/OFF. Filter Blocked Warning: A signal is sent to a connected piece of equipment to trigger an alert or to shut it down. Remote ON/OFF Switch: 5M cable & switch	
	See PAGE 34	



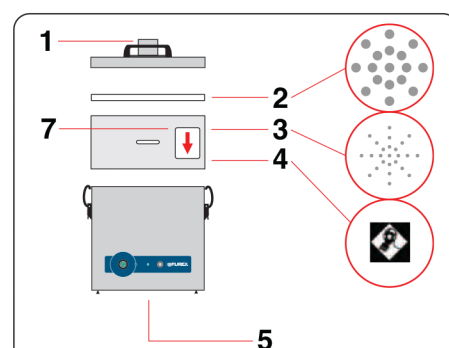
Single arm system supplied with:

- 1 x Filter + pre-filter pad
- 1 x 51mm x 2m flexible hose [black]
- 2 x Connecting cuffs [black]
- 1 x Clamped bracket
- 1 x 38mm stainless steel flexible arm and valve
- 1 x 38mm pen nib nozzle & 1 x conical cowl.



Dual arm system supplied with:

- 1 x Filter + pre-filter pad
- 1 x 51mm x 2m flexible hose [black]
- 4 x Connecting cuffs [black]
- 2 x Clamped bracket
- 2 x 38mm stainless steel flexible arm and valve
- 2 x 38mm pen nib nozzle and 2 x conical cowl.



Legend:

- 1) Air inlet - 57mm ID - 62mm OD
- 2) Pre-filter.
- 3) Main Filter (HEPA location).
- 4) Main Filter (Carbon location).
- 5) Clean air returned to workplace.
- 7) Filter identification label.

In cleanroom filters, positions 3&4 are reversed.

Controls

Visual and Audible Filter Blocked Warning

Alerts the operator when a filter starts to block so that a replacement filter can be acquired and downtime can be avoided.

LED Filter Status

Green = Filter OK

Yellow = Filter nearly full

Red = Filter full, replacement required

Interface with other equipment e.g. a laser optional.

System Features...

- Automatic electronic flow control - maintains a constant extraction rate even as the filter blocks
- Adjustable airflow
- VariColour filter blocked warning system
- Low capital and running costs
- Quick change pre-filters deliver longer filter life
- Submicronic (HEPA) filtration removes 99.997% of particles down to 0.3 microns
- Activated carbon filtration removes harmful gas
- Simple to install and quiet in operation
- Easy to relocate
- Precision made from stainless steel

Includes:

- 1 x Main filter
- 4 x Pre-filter pad
- 1 or 2 Arm Kit
- 1 x Power cable

Accessories

Please see the accessories section at the back of this brochure.