



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 $\pm$10%	120V $\pm$10%	230V $\pm$10%	120V $\pm$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:	Options:	Code:
	HEPA/Chemical (std)	110536	Solvent Lock	110543
	Chemical	110537	* Use in combination with 200316	
	Chemical Special	110544	Note: FumeCubes sold prior to December 2008 may require different filters. Please contact your local distributor for advice.	
HEPA/Chemical Cleanroom* 110538				



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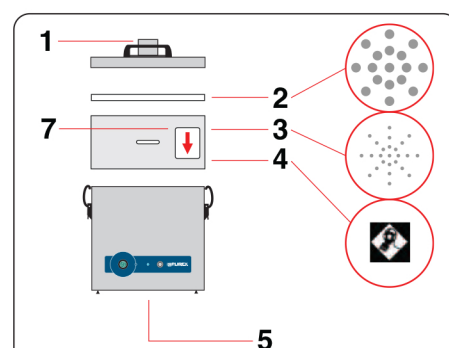
Machine Interfacing (Optional)

The diagram illustrates the electrical connection between a machine and an extractor. It consists of two rectangular boxes: 'Your Machine' on the left and 'Extractor' on the right. Two horizontal lines connect the boxes. The top line is labeled with the binary code '10011010' and the bottom line is also labeled '10011010'. A small waveform symbol, resembling a pulse or a square wave, is positioned between the two lines in the center.

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

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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.



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.

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.