

Analogue Systems



Alpha & Alpha Dust

What to specify...

1. Model

2. Voltage

3. Pre-filter

4. Main filter

5. Connection Kit

6. Interfacing Kit

	200		400	
1				
2				
Voltage	230V ±10%	120V ±10%	230V ±10%	120V ±10%
Vacuum Control	0AL2102	0AL2103	0AL4102	0AL4103
Dust Version Vacuum Control	-	-	0AL4136	0AL4137
Wattage	0.14 kW	0.107 kW	0.24 kW	0.255 kW
Frequency	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz
Cabinet height (inc castors)	885 mm	885 mm	885 mm	885 mm
Cabinet width (not inc hose)	465 mm	465 mm	465 mm	465 mm
Cabinet depth (not inc hose)	430 mm	430 mm	430 mm	430 mm
Cabinet weight	55 Kg	55 Kg	55 Kg	55 Kg
Construction	Precision engineered brushed stainless steel units. High performance continuous run brushless motors. Mounted on castors for mobility.			

3

Labyrinth Pre-filter



Standard Alpha

Options: (Pack of 2)

F6 (std)

F8/F9 Composite

Code:

202269

202274

Dust Version

Options: (Pack of 2)

F6 (std)

F8/F9 Composite

Code:

202268

202271

4

Main filter



Options:

HEPA/Chemical (std)

HEPA/Twin Chemical

or HEPA/Twin Chemical

HEPA/Chemical Cleanroom*

HEPA

Code:

113505

113579

113669

113512

113809

Options:

Chemical

Chemical Special

Pleated Bag

Code:

113508

113662

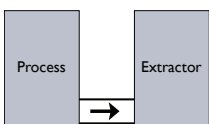
113531

* Use in combination with 202274

NOTE: No main filters are required for the dust version.

5

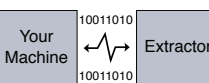
Connection Hose Kit



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6

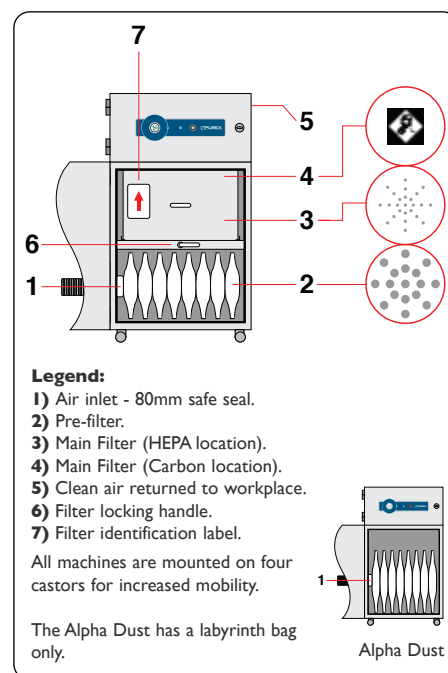
Machine Interfacing (Optional)



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



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, patented Labyrinth 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
- 2 x Labyrinth pre-filters
- 1 x Connection Kit
- 1 x Power cable

Note: Alpha Dust does not contain a main filter.

Accessories

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



Xbase

What to specify...

1. Model

2. Voltage

3. Pre-filter


4. Main filter

5. Connection Kit

6. Interfacing Kit


	200		400	
1				
2				
Voltage	230V ±10%	120V ±10%	230V ±10%	120V ±10%
Vacuum Control	0AL2106	0AL2107	0AL4104	0AL4107
Wattage	0.14 kW	0.107 kW	0.24 kW	0.255 kW
Frequency	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz
Cabinet height (inc castors)	705 mm	705 mm	705 mm	705 mm
Cabinet width (not inc hose)	707 mm	707 mm	707 mm	707 mm
Cabinet depth (not inc hose)	691 mm	691 mm	691 mm	691 mm
Cabinet weight	80 Kg	80 Kg	80 Kg	80 Kg
Construction	Precision engineered brushed stainless steel units. High performance continuous run brushless motors. Mounted on castors for mobility.			

3 Labyrinth Pre-filter



Options: (Pack of 2) F8/F9 Composite Code: 202275

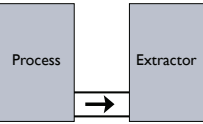
4 Main filter



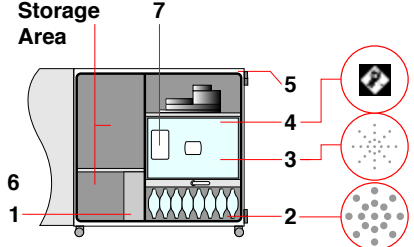
Options: HEPA/Chemical (std) Code: 110545
HEPA CSA Code: 113585



5 Connection Hose Kit



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Legend:

- 1) Air inlet. - 80mm safe seal.
- 2) Pre-filter.
- 3) Main Filter (HEPA location).
- 4) Main Filter (Carbon location).
- 5) Clean air returned to workplace.
- 6) Filter locking handle.
- 7) Filter identification label.

All machines are mounted on four castors for increased mobility.

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

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, patented Labyrinth 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
- 2 x Labyrinth pre-filters
- 1 x Connection Kit
- 1 x Power cable

Accessories

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



FumeCube

What to specify...

1. Single or Dual Arm System

2. Voltage


3. Pre-filter

4. Main filter

6. Interfacing Kit


		Single Arm System		Dual Arm System	
1	2				
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

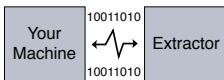


Options:	Code:	Note: FumeCubes sold prior to December 2008 may require different filters. Please contact your local distributor for advice.
HEPA/Chemical (std)	110536	
Chemical	110537	
HEPA/Chemical Cleanroom*	110538	

* Use in combination with 200316



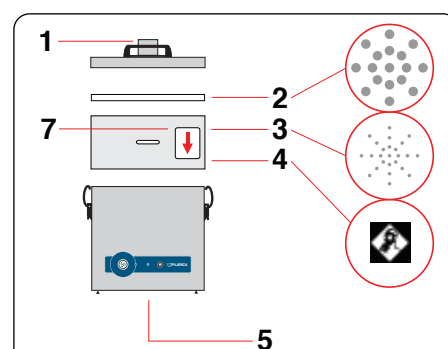
6 Machine Interfacing (Optional)



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
- 2 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.



FumeCube MAX

What to specify...

1. Voltage

2. Pre-filter

3. Main filter

4. Kits

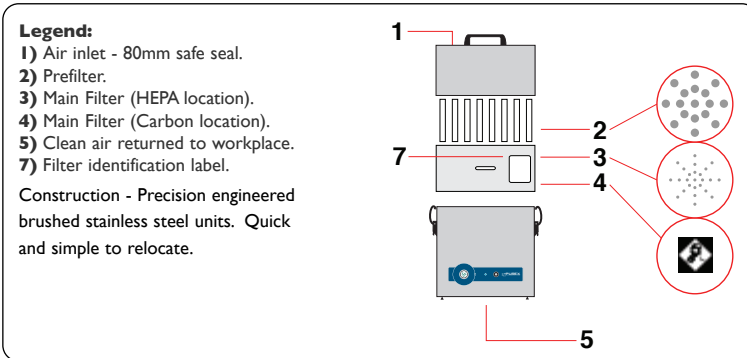
5. Interfacing Kit

Machine Only		
Voltage	230V ±10%	120V ±10%
Vacuum Control	072115	072116
Wattage	0.14 kW	0.107 kW
Frequency	50Hz / 60 Hz	50Hz / 60 Hz
Cabinet height	493 mm	493 mm
Cabinet width (not inc hose)	314 mm	314 mm
Cabinet depth (not inc hose)	330 mm	330 mm
Cabinet weight (inc filters)	14 Kg	14 Kg



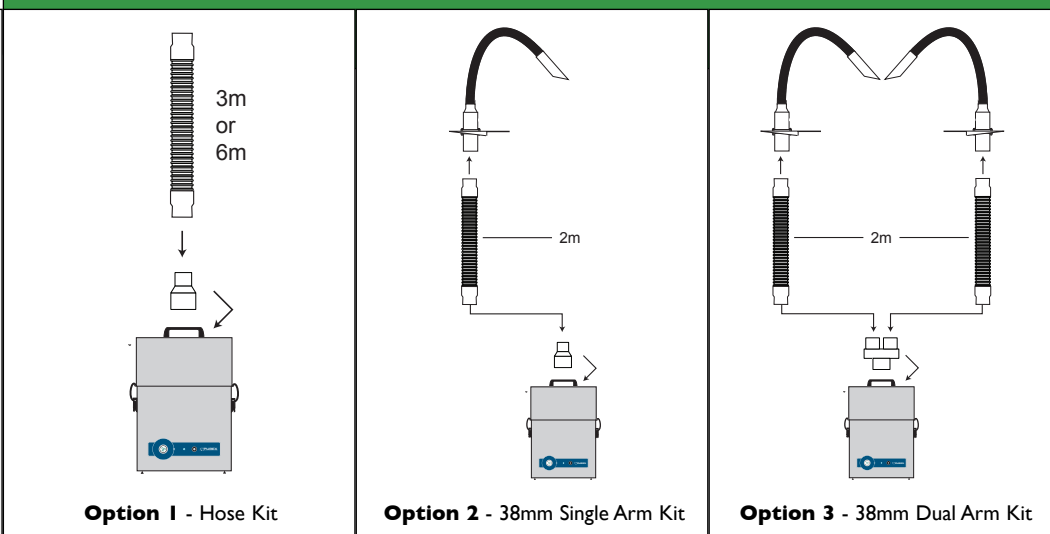
Pre-filter	
	Labyrinth Pre-Filter (All models) Description: F8/F9 Composite Code: 111124

Main filter	
	Main Filters Description: HEPA/Chemical (std) Chemical Code: 110507 110504



4	
Option 1	
Description: 51mm hose kit (3m)	Code: 100032
Option 2	
Single 38mm arm kit (Screw Fixing)	
1 x Arm Kit (Screw Fix)	100294
or 1 x Arm Kit (Clamp Fix)	100295
1 x 80mm to 51mm reducer	550287
Option 3	
Dual 38mm arm kit	
2 x Arm Kit (Screw Fix)	100294
or 2 x Arm Kit (Clamp Fix)	100295
1 x Dual Manifold Assembly	120093C

Hose and Arm Kits



5 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

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, patented Labyrinth 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
- 1 x Labyrinth Pre-Filter
- 1 x Power cable



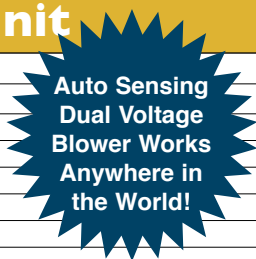
What to specify...

1. Model

3. Pre-filter

4. Main filter

1		3-15 Tip Fume Extraction Unit	
Voltage	230V ±10% or 120V ±10%		
Vacuum Control	072200		
Wattage	0.45 kW		
Frequency	50Hz / 60 Hz		
Cabinet height	493 mm		
Cabinet width (not inc hose)	471 mm		
Cabinet depth (not inc hose)	430 mm		
Cabinet weight (inc filters)	26 Kg		
Construction	Stainless Steel		
Construction	Precision engineered brushed stainless steel units. High performance continuous run brushless motors. Quick and simple to relocate.		



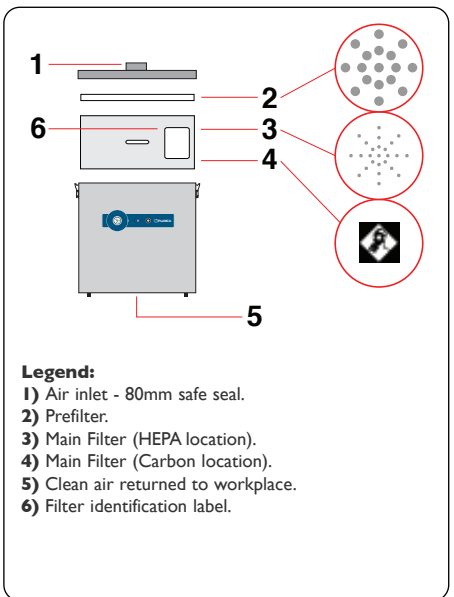
3		Replacement Pads	
	Pre Filter Options:	Code:	
	F8/F9 Pack of 4	200098	
	Exhaust Filter Options:	Code:	
	Single	200093	



4		Replacement Main filter	
	Options:	Code:	
	HEPA/Chemical (std)	110531	
	Chemical	110532	
	or Chemical Special	110542	
	HEPA/Chemical Cleanroom	110533	
Solvent Lock	110541		

Pipe kit (100165) includes 32mm Ø:	Code:
6 x 1.5M x 32mm pipe (3 pre drilled)	500050
4 x 90° bends	500080
2 x Swept T's	500100
4 x Straight connectors	500060
2 x End caps	500120

Also includes machine to pipe connector hose
Code - 100170



Supplied with 3 universal iron kits - 300001

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.

Controls & System Features...

- Speed Control
- Dual voltage brushless blower
- 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
- Filter blocked alarm and LED

Includes:

- 1 x Main filter
- 1 x Pre-filter pad
- 1 x Exhaust filter
- 1 x Power cable
- 1 x Connection kit
- 1 x Pipework kit
- 3 x Universal iron kits

Accessories

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



What to specify...


1. Model

3. Pre-filter

4. Main filter

1		2 Tip Fume Extraction Unit	
Voltage	230V ±10%		
Vacuum Control	072120		
Wattage	0.135 kW		
Frequency	50Hz / 60 Hz		
Cabinet height	275 mm		
Cabinet width (not inc hose)	286 mm		
Cabinet depth (not inc hose)	291 mm		
Cabinet weight (inc filters)	9.8 Kg		
Construction	Stainless Steel		
Construction	Precision engineered brushed stainless steel units. High performance continuous run brushless motors. Quick and simple to relocate.		


3 Replacement Pre-filter Pad



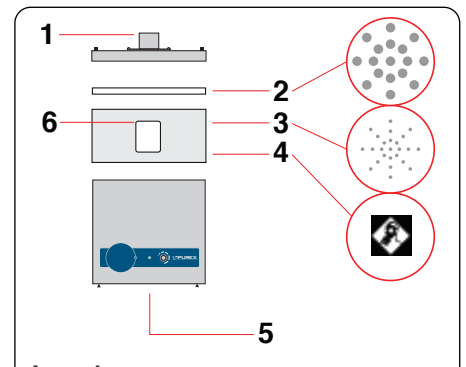
Options:	Code:
F5 Pack of 4 (std)	200225
F6 Pack of 4	200226



4 Replacement Main filter



Options:	Code:
HEPA/Chemical (std)	110507



Supplied with connection kit

Options: Iron kits (Pg 32-33)

- Legend:**
- 1) Air inlet - 38mm ID - 40mm OD
 - 2) Prefilter.
 - 3) Main Filter (HEPA location).
 - 4) Main Filter (Carbon location).
 - 5) Clean air returned to workplace.
 - 6) Filter identification label.

Controls & System Features...

- Run LED
- Speed Control
- 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
- 1 x Pre-filter pad
- 1 x Power cable
- 1 x Connection kit
- 1 x End cap

Accessories

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



FumeBuster

What to specify...


1. Voltage


2. Pre-filter

3. Main filter






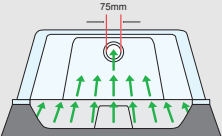
4. Capture Kit (For one or two stations)

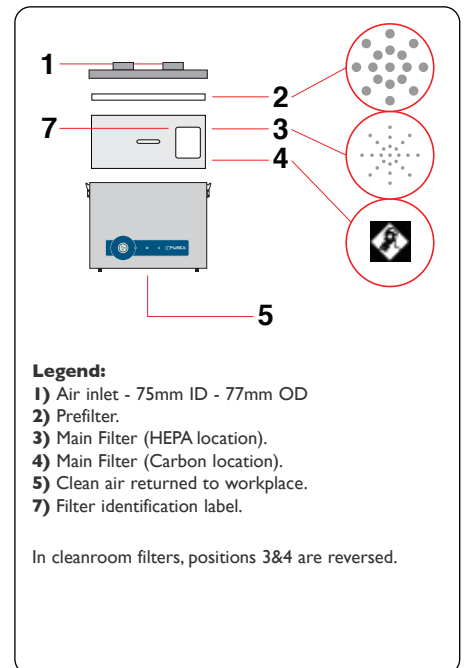
Machine Only		
Voltage	230V ±10%	115V ±10%
Vacuum Control	070362	070363
Wattage	0.3 kW	0.3 kW
Frequency	50Hz	60 Hz
Cabinet height (inc castors)	350 mm	350 mm
Cabinet width (not inc hose)	425 mm	425 mm
Cabinet depth (not inc hose)	415 mm	415 mm
Cabinet weight (inc filters)	25 Kg	25 Kg
Construction	Precision engineered brushed stainless steel units. High performance continuous run brushless motors. Quick and simple to relocate.	

2 Pre-filter Pad	
	<p>Options: Code:</p> <p>F5 Pack of 4 (std) 200314</p> <p>F8/F9 Pack of 4 200098</p>

3 Main filter	
	<p>Options: Code: Solvent Lock 110541</p> <p>HEPA/Chemical (std) 110531 * Use in combination with 200098</p> <p>Chemical 110532</p> <p>or Chemical Special 110542</p> <p>HEPA/Chemical Cleanroom* 110533</p>



4 Capture Kit (Optional)	
	<p>1 x 1.2m x 75mm Ø flexible arm with 2 x 75mm couplings (120707) + 1 x Conical cowl (840114)</p> <p>Code: 100181</p> 
	<p>1 x 1.5m x 75mm Ø flexible hose with 2 x 75mm couplings (100185) + 1 x Anti-static plenum cowl (black) (120702)</p> <p>Code: 100182</p> 
	<p>1 x 1.5m x 75mm Ø flexible hose with 2 x 75mm couplings (100185) + 1 x Cleancab extraction cabinet (840155)</p> <p>Code: 100183</p> 



Controls

Visual and Audible Filter Blocked Warning

Alerts the operator when a filter is blocked so that a replacement filter can be acquired.

LED Filter Status

Green = Filter OK

Red = Filter full, replacement required

System Features...

- Audible and visual filter blocked alert
- 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 x Port blank (530430)
- 1 x Power cable

Accessories

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



What to specify...

Model

Voltage

2

Captivair Max

	230V ±10%	120V ±10%		
Voltage	230V ±10%	120V ±10%		
Vacuum Control	080703	080702		
Wattage	0.155 kW	0.280 kW		
Frequency	50 Hz	60 Hz		
Cabinet height (inc castors)	691 mm	691 mm		
Cabinet width (not inc hose)	851 mm	851 mm		
Cabinet depth (not inc hose)	591 mm	591 mm		
Cabinet weight (inc filters)	100 Kg	100 Kg		

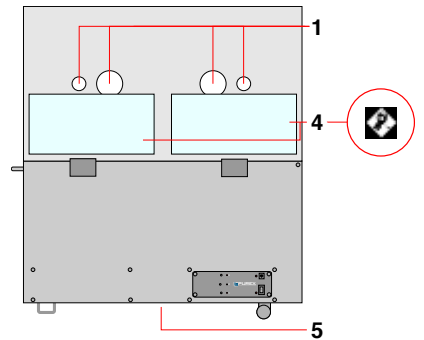


CAPTIVAIR
MAX

Legend:

- 1) Air inlet
4 x 48mm ID - 51mm OD
4 x 98mm ID - 102mm OD
- 4) Main Filter (Carbon location).
- 5) Clean air returned to workplace.

All machines are constructed of coated steel.



Main filter (Included)



Description: Chemical (refillable)
Refill for 113800

Code: 113800
113805

(!) Please note the Captivair^{MAX} requires 2 main filters.

Printer Model	Machine Part No.		Machine Type	Connection Kit	Fittings	Manifold	Main Filter	Pre-Filter	
	230V	120V							
Mimaki	JV33-130SP	080703	080702	CaptivairMAX	120309	120311	120313	113800 x 2	-
	JV33-160SP	080703	080702	CaptivairMAX	120309	120312	120313	113800 x 2	-
Roland	AdvancedJet AJ-740	0LX4000D	0LX4001D	400	120188	120299	-	113508	202260
	VersaUV LEC-300	0AL4102	0AL4103	Alpha 400	100019	120090	-	113508	202269
	VersaUV LEC-330	0AL4102	0AL4103	Alpha 400	100019	120089	-	113508	202269
Seiko	ColorPainter H-74s	080703	080702	CaptivairMAX	120303	120314	120322	113800 x 2	-
	ColorPainter H-104s	080703	080702	CaptivairMAX	120303	120314	120322	113800 x 2	-
	ColorPainter V-64s	0LX4000D	0LX4001D	400	120297	120323 x 2	-	113508	202260

Contact Purex or your local distributor for more information.

Captivair units are available for other printer models, please contact Purex or your local distributor for further information.

Features...

- Captures fumes at source
- Reduces fumes escaping into the workplace
- Promotes a more pleasant working environment
- Can help reduce headaches and nausea caused by fumes
- Helps prevent fumes escaping into neighbouring buildings and rooms
- Bespoke kits for each printer model
- Can aid compliance with health and safety regulations

System Features...

- Visual filter blocked alert
- Low capital and running costs
- Activated carbon filtration of ink vapour
- Simple to install and quiet in operation
- Easy to relocate

Includes:

- 2 x Main filters
- 1 x Power cable



Inline Filter Units

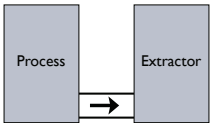
What to specify...

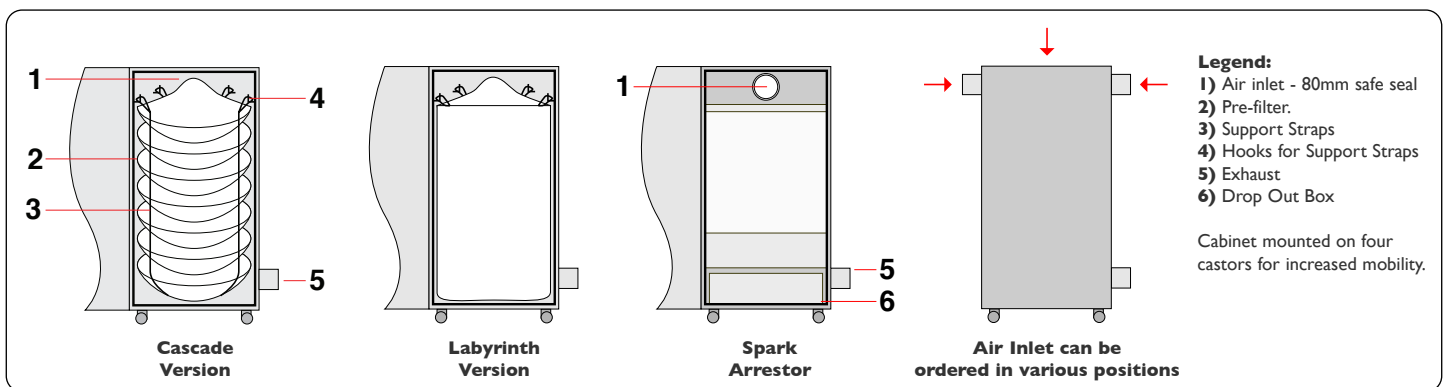
Pre-filter

Connection Kit

1	Cascade	Spark Arrestor
Part number	890180	890241
Cabinet height (inc castors)	1063 mm	1063 mm
Cabinet width (not inc hose)	430 mm	430 mm
Cabinet depth (not inc hose)	430 mm	430 mm
Cabinet weight (inc filters)	30 Kg	30 Kg
Note: Vacuum or Volume	The Cascade Box is fitted with a silicone vacuum sensing tube. The tube should be connected to the inlet on all vacuum machines e.g. Xbase, Alpha and Digital Tip and Arm Applications. It should not be connected on volume machines.	Not Applicable.

2	Cascade Pre-filter	Spark Arrestor
	<p>Description: Needlefelt Cascade Code: 111107 or</p> <p>Description: Labyrinth F8/F9 Composite Code: 111117</p>  <p>Cascade Version Shown</p>	<p>Description: Supplied with a collection tray</p> 

3	Connection Hose Kit
	<p>1 x 1M of 80mm hose 1 x 100-80mm reducer 1 x 80mm coupling 1 x 100mm coupling 2 x 70-90mm hose clips</p> <p>Code: 100184</p>



Inline Filter

The Cascade Box acts as an additional prefilter to capture particles in applications where large amounts are produced. The filter can be emptied when full and the operator can periodically shake the filter to increase filter life.

- Removes large particles from the process air
- Extends the life of the filters in the fume extractor
- Can be used on problematic applications where large quantities of dust are produced
- Filter can be seeded to help deal with sticky particles
- Filter can be emptied and shaken to prolong life*

- The use of this unit means the operator does not have to buy a new, larger fume extraction machine
- Low capital and running costs
- Simple to install and easy to relocate
- Precision made from stainless steel
- * cascade filter only

Spark Arrestor

This inline unit is used to prevent sparks entering the extraction machine. It works by extinguishing sparks against metal surfaces and collecting hot materials in a drop out box.

Includes:

- 1 x Cascade filter
- or 1 x Labyrinth filter
- or 1 x Drop out box
- 1 x Connection kit

Accessories

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