

# Safety Cabinets

## Purair, Recirculatory Fume Cupboards

The Purair range of 'ready to use', bench mounted Fume Cupboards are ideal for use in laboratory environments where harmful substances are handled on a frequent basis. Being a recirculatory unit means there is no ducting required for its operation or setup. Fumes, gases, vapours and particulates are passed through the units filters, re-circulating clean air back into the laboratory. This ensures that no dangerous substances are exhausted in to the atmosphere surrounding the laboratory. Its ductless construction also allows the unit to be easily moved and transported.

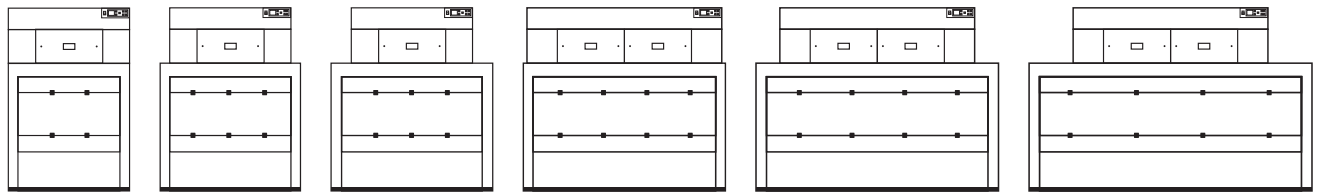
All Purair Fume Cupboards are delivered in 2 easy to assemble sections.

The clear Acrylic panels allow for 'all-round' visibility and make the unit easy to clean. The rear of the unit also has lighting to illuminate the work surface and cable pass through ports allow electrical cords to enter the work zone.

The operator is protected by a face velocity of 0.5 M/Sec, ensuring the containment of all fumes and particulates. If the airflow falls to an unacceptable level then the operator will be alerted by the built in alarm.

The patented filter clamping mechanism allows for the filter to be easily installed and ensures an even seal at the filter face at all times to prevent bypass leakage.

The main safety filter can be chosen from 10 different Carbon/HEPA types to suit most applications.



Purair 10

Purair 10XL

Purair 15

Purair 20

Purair 25

Purair 30

Cat No	S225-430	S225-433	S225-436	S225-439	S225-442	S225-445
Model No	Purair 10	Purair 10XL	Purair 15	Purair 20	Purair 25	Purair 30
Main Filter Weight (12kg)	1 x 12kg	1 x 12kg	1 x 12kg	2 x 12kg	2 x 12kg	2 x 12kg
Safety Filter** Weight (5kg)	1 x 5kg	1 x 5kg	1 x 5kg	2 x 5kg	2 x 5kg	2 x 5kg
Prefilter* (qty)	1	1	1	2	2	2
Airflow (m3/hr)	246	246	246	500	500	500
Dimensions (WxDxH), mm	750x700x1210	868x700x1210	1000x700x1210	1250x700x1210	1500x700x1210	1750x700x1210
Working Base Area, mm	700x650	818x650	950x650	1200x650	1450x650	1700x650
Noise (dBA)	<55	<55	<55	<58	<58	<58
Face Velocity (m3/sec)	>0.5					
Electrical Supply	Single Phase, 230v, 50Hz					
Switches	Mains ON/OFF					
Monitoring	Low Airflow Indicator					
Lighting (watts)	2 x 15 watts					
Fan	Low Noise Centrifugal					
Construction	Epoxy coated mild steel frame and head unit. Clear Acrylic Panels. Hinged front screen. Unit supplied in 2 easy to assemble sections.					

\*Safety/Backup Filters are optional

\*\*Prefilters come supplied as standard with all Purair units. Efficiencies superior to 99.6%

## Purair, Accessories

Optional accessories for the Purair range of Fume Cupboards are listed below.

Accessories for Catalogue No	S225-430	S225-433	S225-436	S225-439	S225-442	S225-445
Box Section Support Stand. Ideal for wheelchair access. Lockable Casters.	S225-450	S225-452	S225-454	S225-456	S225-458	S225-460
Enclosed Support Stand with Storage facility.	S225-471	S225-473	S225-475	S225-477	S225-479	S225-481
Electronic Filter Saturation Alarm.	S225-484					
Electronic Monitoring System.	S225-486					
Pack of 6 Prefilters *	S225-488					
Tap (Cold Water), Outlet & Drip Cup**	S225-491					
Double Switch Socket Outlet	S225-493					
Gas Tap**	S225-495					

\*Prefilters are designed to remove particles from the air-stream before going through the Main Filter. They are required on all Fume Filtration Units. One prefilter comes supplied with this unit.

\*\*Where Gas or Water Taps are ordered then a separate installation fee will be incurred. Please supply an installation address to receive an installation quotation.

## Purair, Filters



**Important Notice:** Correct filter selection is vital to ensure operator protection. When ordering, please supply details of what contaminants are to be filtered and in what volumes.

Main Filters are required in each Purair Fume Cupboard. Backup/Safety Filters are optional. Prefilters come supplied.

Quantities to order: 1 Filter (Purair 10, 10XL and 15).                      2 Filters (Purair 20, 25 and 30)

Filter Type	GP	FOR	ACI	ETH	SUL	AMM	ACR	ACM	HEPA	Custom*
Safety Filter No.	S225-120	S225-122	S225-124	S225-126	S225-128	S225-131	S225-133	S225-135	S225-137	S225-139
Main Filter No.	S225-340	S225-342	S225-344	S225-346	S225-348	S225-351	S225-353	S225-355	S225-357	S225-359

To look up which filter type is suitable for your application, please refer to the filter chart.

## Chemicals and Reagents

Please refer to page 365 for Wagtech's dedicated Chemical Section.



- Aa
- Bb
- Cc
- Dd
- Ee
- Ff
- Gg
- Hh
- Ii
- Jj
- Kk
- Ll
- Mm
- Nn
- Oo
- Pp
- Qq
- Rr
- Ss**
- Tt
- Uu
- Vv
- Ww
- Xx
- Yy
- Zz