

# SafeAire™ Powder Weighing Stations

## PW-1000, PW-1200, PW-1500 and PW-1800

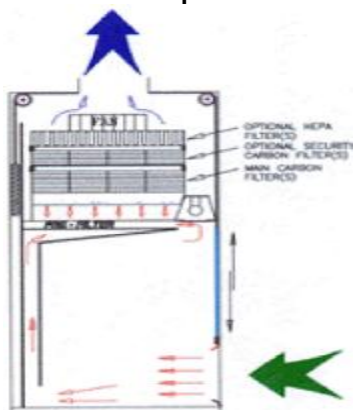
**SafeAire™ PW Powder Weighing Stations** facilitate vibrationless high-precision weighing of irritant and toxic substances such as fine powders and liquid chemical compounds providing in the same time protection to personnel and the environment.

- Ø SafeAire PW™ fitted onto two independent steel support-stands:
  - the filtration fume cupboard on the outer base-stand
  - the high-precision balance on the inner base stand, which is isolated from any vibrations from the outer base-stand
- Ø Balance also on marble or granite slab (5-decimal accuracy).
- Ø Suspended Counterweighted gliding Safety Glass Sash to BS:7258:1994, BS:7989:2001 and EN:14175:2005
- Ø Automatic VAV (Variable Air Volume control) ensures constant face velocities at all sash height openings maintaining high fume-and-powder-containment factors
- Ø Multilayered Filter Systems (see Guide),
  - Main & Security Activated Carbon Filters or
  - Activated Carbon and HEPA Filters
- Ø Auxiliary Extraction Devices ensure uniform airflow ensuring effective removal and extraction of powders and solvent vapours
- Ø Tested & Certified to BS:7258:1994 (1 & 4) for fume-containment, to DIN:12924, ANSI-ASHRAE 110:1995 and BS:7989:2001.

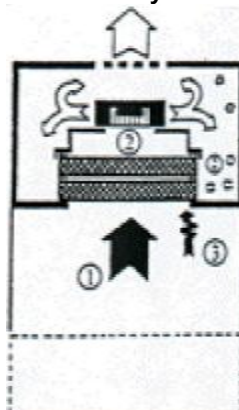


**SafeAire PW-1000/1200/1500/1800**

**The air flow pattern**



**The filtration system**



**The “double” base-stand support system**



Models	Filters fitted	Width x Depth x Height in mm		Airflow Characteristics		Electrical Power Supply		
		External mm	Internal mm	Air velocity	Air-volume-flow	Voltage	Current	Power
SafeAire™ PW 1000	1	1000x754x2400	950x650x850	0.35 - 0.6m/s	500m³/h-720m³/h	230V-50Hz	1.4A	0.34kW
PW 1200	2	1200x754x2400	1150x650x850	0.35 - 0.9m/s	576m³/h-860m³/h	230V-50Hz	2.4A	0.56kW
PW 1500	2	1500x754x2400	1450x650x850	0.35 - 0.9m/s	720m³/h-1075m³/h	230V-50Hz	2.4A	0.56kW
PW 1800	3	1800x754x2400	1750x650x850	0.35 - 0.9m/s	864m³/h-1290m³/h	230V-50Hz	4.0A	0.85kW

We reserve the right to change specifications with view of product improvement

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