

DWS DOWNFLOW WORKSTATION

EFFICIENT AND ECONOMICAL

Exceeds OSHA, ANSI and all relevant international standards

FEATURES

- High operator protection
- Compact size
- Unique downflow air pattern
- No ducting or installation costs



DWS 36 unit shown

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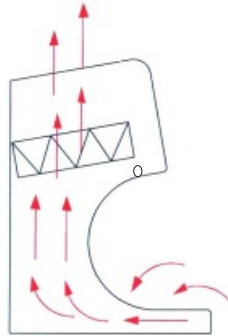
Made in the USA

DWS WORKSTATION

The DWS range of downflow workstations give the operator safety where routine work is being carried out. The units operate at low noise levels and because they recirculate, they do not exhaust expensive conditioned and/or heated air into the atmosphere.

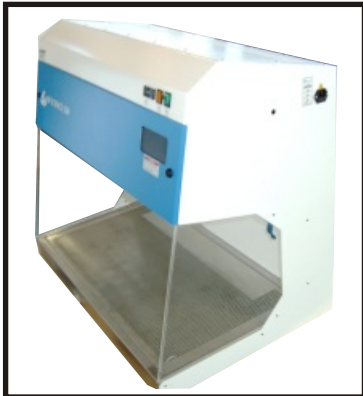


DWS base



THE DWS WORKSTATION

The DWS Workstation has been specifically designed to provide a small bench mounted unit with unrestricted access for those operations that are difficult to perform in a conventional fume hood. To provide protection, the



Available side windows and front door for enhanced containment

downflow action takes the contaminated air away from the operator and an alarm will sound when the airflow falls to an unacceptable level.

The stainless steel tray is removable for easy cleaning and provides access to the pre-filter. A spillage tray is located below the work surface. Integral lighting gives good illumination of the desired area.

All mechanisms in the head section are on the clean side of the filter, with the switches and electrical components being isolated from any contamination.

The main filter can be chosen from 14 different types of carbon, which include speciality media for vapors of organics, solvents, acids, mercury and formaldehyde. HEPA filters for particulate filtration are also available to suit your application needs.

TYPICAL APPLICATIONS

Typical applications include microscopes, fingerprint powders, veterinary and dental work.

**For advice on filter selection call
Air Science USA 800.306.0656**



AIR SCIENCE USA



SPECIFICATIONS	DWS 24	DWS 36
Airflow (CFM)	145	290
Face Velocity (FPM)	>80	>80
Lighting	18watts	18watts
Noise Levels	52dBA	52dBA
Width/Depth/Height (")	24 x 22.75 x 31.5	36 x 22.75 x 31.5
(mm)	610 x 580 x 800	915 x 580 x 800
Working Height (")	19	19
(mm)	480	480
FILTERS		
Prefilter (Electrostatic)	Filter efficiencies superior to 99.6%	
Weight Main Filter (lbs)	18	25
HEPA	Optional	Optional
STANDARD ON BOTH UNITS		
Construction	Epoxy coated mild steel	
Color	White	
Spillage Tray	Polypropylene	
Fan	Centrifugal	
Supply	110v 60Hz single phase (Other voltages available on request)	
Switches	Mains on/off	
Monitoring	Low airflow	
48" wide units and custom sizes also available		

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