



B I G N E A T
A CARON
COMPANY



Downflow Tables

1000mm and 1200mm widths as standard

Custom sizes and alternative configurations available



DOWNFLOW TABLES IMPROVE AIR QUALITY
IN THE WORKPLACE BY:

- Reducing the risk of operator exposure to harmful substances
- Capturing smoke, chemical fumes and vapours
- Increasing employee and operator safety and wellbeing

FEATURES:

- Unimpeded access for operator
- Flat stable work surface
- Low initial capital outlay, no ducting required
- High quality finish
- High capacity filtration
- Operates at a comfortable noise level

APPLICATIONS

Removal of fumes and vapours from adhesives, paint, solvents, soldering processes, etc.

HIGH QUALITY FINISH

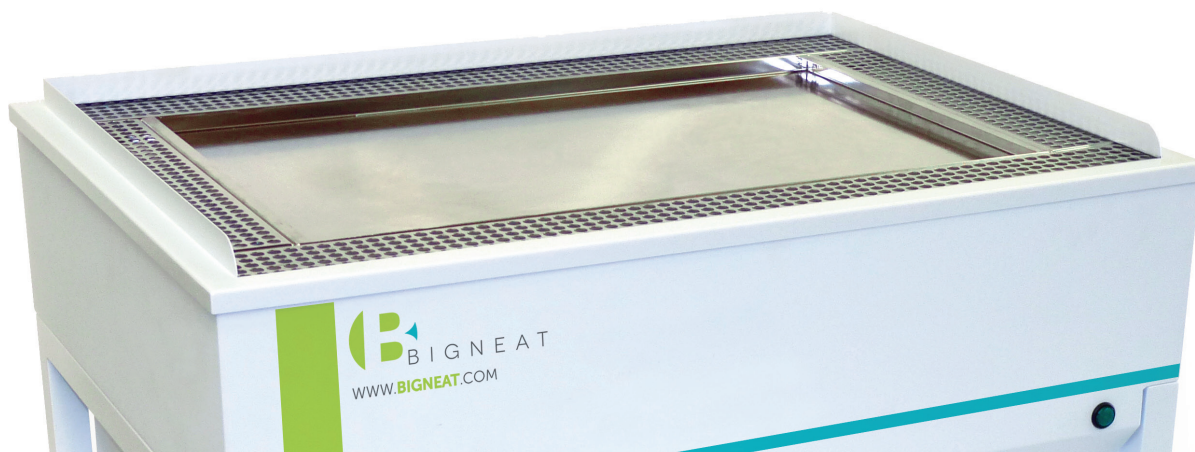
Removal of fumes and vapours from adhesives, paint, solvents, soldering processes, etc.

Bigneat downflow tables draw dust, smoke high quality finish and fumes down past the worktop and away from the operator, the contaminants are filtered and retained by a highly efficient Chemcap™ carbon filter (removes chemical vapours and fumes) or a HEPA filter (removes particulates).

The Bigneat design for this downflow bench provides a robust stainless steel work area surrounded by an extraction grille. This gives the user a firm flat surface on which to safely work.



Picture shows quality of airflow grilles, work surface and pre-filter pad.



DESCRIPTION AND FURTHER INFORMATION

Bigneat downflow tables take dust and fumes away from your workspace by drawing them down through grilles into the internal filters, returning clean air back to the room.

Downflow tables are designed to provide excellent operator protection and have adjustable fan-speed control providing optimum grille velocities; 0.3 to 0.5 ms⁻¹.

Tables are constructed from epoxy powder coated mild steel with 304 grade stainless steel grilles and worktop. The ventilation grilles and worktop are fully removable to allow access to filters beneath for easy cleaning and filter change.

Utilising Chemcap carbon filter technology, these downdraft tables can be used for an ever increasing range of applications.

These benches help you to meet Health & Safety regulations and to comply fully with COSHH regulations.

More detail about filtration at:
www.bigneat.com/filtration

PLANNING AND DESIGN

Tables are available in two standard sizes, custom sizes and alternative configurations are available to meet your specific needs.



FILTRATION STANDARDS & PERFORMANCE

Chemcap™ carbon filters provide a filtration efficiency of 99.9% for the duration of the filter life.

Pre-filter pad eliminates particles at 5.0 microns or larger to an efficiency of 92% as defined in BS EN ISO 779.

HEPA filtration (H14 Standard) eliminates particles 0.3 microns or larger to an efficiency of > 99.995 %.

Model	Description	Dimensions mm WxDxH
BDT 1000	Downflow Table supplied complete with pre-filter, carbon filter (of predetermined type), or HEPA filter.	1000 x 708 x 1021
BDT 1200		1200 x 708 x 1021

Available for power supply: 230V, AC, 50Hz, 5Amp, 1Ø and 110V, AC, 60Hz, 8Amp, 1Ø.

BIGNEAT - A WORLD CLASS MANUFACTURER OF CLEAN AIR AND SYSTEMS AND SAFETY ENCLOSURES

Bigneat is a leading global provider of clean air safety systems and enclosures to scientific laboratories and workshops in disciplines such as pharmaceuticals, chemicals, materials science, metal working, photonics and electronics.

The company has an unrivalled reputation for its extensive engineering skills and ability to customise standard products to suit the needs of differing applications.

QUALITY ASSURED



Bigneat is accredited to
BS EN ISO 9001: 2008



Bigneat systems
are CE marked

Bigneat manufactures from UL approved components

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