

# Ecoline



*New Generation Ducted Fume Cupboard*



2 TIME WINNERS  
THE QUEEN'S AWARD  
FOR ENTERPRISE  
INTERNATIONAL TRADE

# Ecoline



BSI4175 supersedes the old BS7258 Part 4 and presents the fume cupboard with additional much more rigorous challenges. These tests are designed to help users and designers make better informed product selection. Ecoline has been fully independently tested to all aspects of this new European protocol.

# Ecoline

An environmentally friendly fume cupboard which pays the highest regard to operator protection, through intelligent design and construction.

- Independently tested to BS14175
- 40% less energy consumption
- Reduced air handling plant and costs
- Lower first cost
- Lower running costs



Ecoline has unique internal geometry, side stiles with purge and entrainment slots, front upper baffle and air high/air low alarm system. These features combine to give this fume cupboard the most efficient operator safety, environmental, initial and running cost ratio.

# Ecoline

A tough, durable fume cupboard which will withstand heavy and aggressive extended usage, through the use of resistant materials and robust construction.

- Ergonomic Design
- Solid Wall construction
- Speedy low cost installation
- Up to 22% more internal working space\*
- Safer and minimal lower cost maintenance

\*22% for 1200 units, 18% for 1500 units and 13% for 2000 units in comparison with traditional fume cupboards.



Research, development and testing has proven that the highest containment standards and operator protection can be achieved without wasting enormous amounts of heated and conditioned air. A 40% reduction in energy consumption not only provides a very important environmental benefit, the cost savings are such that Ecoline pays for itself.



# Ecoline

## Experience

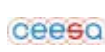
S+B have been manufacturing and installing fume cupboards and laboratory furniture for over 40 years. Our Manchester offices, production plant and showrooms are always open to visitors. All are welcome to pop in at any time and a staff member will always be happy to provide a guided tour and answer any questions. Demonstrations can be arranged and third party reference and site visits can be organised.

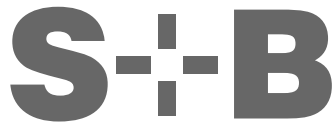
## Testing

S+B has a fully operational on site test room and all our product development prototypes undergo rigorous in house tests to BS14175. All new products are subjected to additional tests such as the Ashrae protocol, smoke tests, containment testing with hood loaded and with cross drafts. Once we are satisfied that we have a properly functioning product, we then send them out for independent type testing and certification. Test results are available on request.

## Alternative products

Ecoline operates safely and efficiently at a fixed low volume (0.3m/sec face velocity) and can negate the requirement for expensive VAV air handling systems with their attendant operational and maintenance implications. S+B can also supply a full range of non by-pass fume cupboards from our Smart System product line which can be used where VAV is a requirement. Step in, Drive in and special application fume cupboards complete our standard portfolio and we are always happy to design and manufacture to customer specific requirements.





*furniture for learning*

## A Turnkey Package

**At S+B we work with you to provide the ideas, solution and final outcome completely free of charge and obligation. From initial consultation of designs, including CAD and 3D drawings, allowing you to view the solution before manufacture.**

S+B provide the answer - stripping out and removal of old furniture, reinstatement of mechanical and electrical services – supplying and fitment of new flooring, suspended ceilings, lighting, interactive whiteboards, decoration and installation of new furniture.

From a single space to a complete refurbishment, we create design that works.

### Furniture For Learning

The experience gained over 50 years servicing all market sectors has given S+B a project management capability which is second to none. S+B specialise in design led development, manufacture and installation of school furniture systems for Science, Design Technology, Food Technology, ICT, STEAM & Makerspace as well as cross curricula general classroom furniture.



Visit our website for more details and alternative designs - [www.splusb.co.uk](http://www.splusb.co.uk)



**British made**



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