

# Стационарный рециркуляционный вытяжной шкаф

## Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Брянск (4832)59-03-52  
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# Fixed Recirculating

## EDUCATIONAL FUME CUPBOARD



Clean Air & Containment

## Extract dangerous fumes when ducting is difficult

Fixed recirculating fume cupboards from Envair Technology are designed to be placed in a permanent position in classrooms and prep rooms where installing ductwork is problematic, for instance in listed buildings.

The unit re-circulates air back into the laboratory via an integral fan unit and carbon filter, rather than exhausting to atmosphere. The carbon filter is suitable for all standard chemicals used in GCSE and A Level curriculum work. We can offer an annual maintenance service which includes carbon filter saturation testing and replacement supply and installation of filters as required by COSHH regulations. In a prep room environment, the carbon filter replacement would typically be more regular due to a higher level of use and exposure to concentrated chemicals over time.

All Envair Technology educational fume cupboards are designed in accordance with CLEAPSS Guide G9 – Fume Cupboards in Schools (Revision of DfEE Building Bulletin 88) and independently tested and passed by CLEAPSS.



Fixed recirculating fume cupboard for school classrooms and labs where ducting is difficult

### KEY FEATURES

- Fixed and levelled in position
- Integral 25kg carbon filter
- Protective pre-filter
- No fumes to atmosphere
- Integral high level lighting
- Airflow control panel
- RCD protected double socket outlet
- Remote operated gas and water outlets
- Drip cup, bottle trap and flexible drain hose

# Fixed Recirculating

## EDUCATIONAL FUME CUPBOARD



**ENVAIR**  
TECHNOLOGY

Clean Air & Containment

| MODEL SIZE                   |     | 1 m                                                                                            | 1.2 m | 1.5 m |
|------------------------------|-----|------------------------------------------------------------------------------------------------|-------|-------|
| <b>Dimensions</b>            |     |                                                                                                |       |       |
| External                     |     |                                                                                                |       |       |
| Width                        | mm  | 1000                                                                                           | 1200  | 1500  |
| Depth                        | mm  | 715                                                                                            | 715   | 715   |
| Height                       | mm  | 2070                                                                                           | 2070  | 2070  |
| Usable work surface          |     |                                                                                                |       |       |
| Width                        | mm  | 900                                                                                            | 1100  | 1400  |
| Depth                        | mm  | 500                                                                                            | 500   | 500   |
| Internal height of work area | mm  | 1070                                                                                           | 1070  | 1070  |
| Working sash height          | mm  | 400                                                                                            |       |       |
| Worktop height from floor    | mm  | 750                                                                                            |       |       |
| <b>Weight</b>                |     |                                                                                                |       |       |
| Net Weight                   | Kg  | 180                                                                                            | 220   | 270   |
| <b>Electrical data</b>       |     |                                                                                                |       |       |
| Voltage                      | V   | 240                                                                                            |       |       |
| Hertz                        | Hz  | 50                                                                                             |       |       |
| Power supply                 |     | Pre-wired to junction box mounted at high level.<br>Mains supply required: 240V 13A fused spur |       |       |
| <b>Filtration</b>            |     |                                                                                                |       |       |
| Pre-filter                   |     | Polyester filter media roll                                                                    |       |       |
| Carbon filter                |     | Activated carbon – education blend                                                             |       |       |
| <b>Airflows</b>              |     |                                                                                                |       |       |
| Design face velocity         | m/s | 0.4                                                                                            | 0.4   | 0.4   |
| <b>Materials</b>             |     |                                                                                                |       |       |
| External carcass             |     | Mild steel epoxy coated                                                                        |       |       |
| Vision panels                |     | 5mm toughened glass                                                                            |       |       |
| Worktop                      |     | Trespa Toplab                                                                                  |       |       |
| Baffles                      |     | Trespa Toplab                                                                                  |       |       |
| Lighting                     |     | Twin fluorescent light tubes                                                                   |       |       |
| Ductwork connection (PVC)    |     | Not applicable for recirculating units                                                         |       |       |
| <b>Services</b>              |     |                                                                                                |       |       |
| Power sockets                |     | 1 No. Double Switched Socket – RCD protected                                                   |       |       |
| Mechanical service taps      |     | 1 No. Water and 1 No. Gas                                                                      |       |       |
| Control panel                |     | Push button to control ON/OFF, lights and fan.<br>Audible and visual alarm                     |       |       |

# Fixed Recirculating

## EDUCATIONAL FUME CUPBOARD



Clean Air & Containment



Available with glazed side panels for whole class demonstrations

### QUALITY STATEMENT

Envair Technology provides world class design and manufacturing expertise for a full portfolio of clean room and containment solutions. We work with healthcare, pharmaceutical and laboratory facilities around the world, to protect the safety of teams handling hazardous compounds and maintain product integrity. Our engineers and production team are committed to the highest standards of excellence, meeting the requirements of ISO 9001:2015. We provide a comprehensive maintenance, testing and parts service for all our products, to ensure a lifetime of trouble-free use.



### SERVICE AND MAINTENANCE

To ensure a lifetime of trouble-free use, we offer a comprehensive 12 month service contract. This will ensure your fume cupboard remains compliant with the latest regulatory requirements, and that staff and pupils are protected at all times. Please ask us for details.



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