

Furniture

Filtration Fume Hoods

For operator protection against fumes, vapours and smoke when handling modest volumes of chemicals. Ideal for intermittent procedures or educational demonstrations.

- ◆ Comply with French AFNOR NF X.15-211 class 2 standard
- ◆ All four side walls have transparent polycarbonate panels to maximise lighting of the work area and visibility externally, within a coated steel framework and overhead fan/filter housing
- ◆ Standard features includes filtered air sampling port, timer with periodic alarm reminder to test filter saturation, air flow meter, two cable ports to allow instruments to be used inside the cabinet and CD-ROM with list of approved chemicals for use with filters
- ◆ Hingeing front panel allows full access to the work area for set-up with choice of ergonomically designed, 2-hand or single trapezoidal apertures for unhindered working during operation
- ◆ Accessory plastic coated, laminated ply or tempered glass work surfaces with spill retention sump
- ◆ A choice of four standard activated carbon filters is offered, for organic or corrosive fumes and vapours, formaldehyde or ammonia
- ◆ Rapid, easy filter cartridge replacement
- ◆ Quiet fan extraction reduces noise disturbance to the operator
- ◆ Electronic filter alarm monitors airflow through the filter and activates when this falls below a safe level due to filter clogging or fan failure

| Model | 2-hand opening | H061D | H092D | H122D | H152D |
|---------------------------------------|---------------------|-------------------------------|------------|-------------|-------------|
| | trapezoidal opening | H061Z | H092Z | H122Z | H152Z |
| Dimensions, external (internal) H, mm | | 950 (735) | 1160 (935) | 1160 (935) | 1160 (935) |
| | W, mm | 600 (545) | 900 (845) | 1200 (1145) | 1500 (1445) |
| | D, mm | 650 (505) | 750 (700) | 750 (700) | 750 (700) |
| Internal volume | m ³ | 0.20 | 0.61 | 0.75 | 0.95 |
| Average face velocity | m/sec. | 0.5 — all models | | | |
| Filter/light modules required | | 1 | 2 | 2 | 2 |
| Supply requirements | | 220-240V 50/60Hz — all models | | | |
| Rating | A | 0.1 - all models | | | |
| Weight | kg | 41 | 67 | 85 | 102 |



FZ540-44 with FZ552-40 in use

Filtration Fume Hoods

As described. For 220-240V 50Hz single phase supplies. Without filters which are required for operation.

| | |
|----------|-------------|
| FZ540-12 | Model H061D |
| FZ540-14 | Model H061Z |
| FZ540-17 | Model H092D |
| FZ540-19 | Model H092Z |
| FZ540-42 | Model H122D |
| FZ540-44 | Model H122Z |
| FZ540-47 | Model H152D |
| FZ540-49 | Model H152Z |

Accessories

Filters*

Activated carbon. for use with fumes/vapours and as indicated. Supplied singly. Please refer to the table for the numbers of filters required per cabinet.

| | |
|----------|----------------------|
| FZ541-10 | Organic fumes |
| FZ544-10 | Corrosive fumes |
| FZ546-10 | Formaldehyde vapours |
| FZ549-10 | Ammonia vapours |

*HEPA filters are also available - details on request.

Work Surfaces

Choice of plastic-coated laminate plywood or toughened glass worktops with spill retention sump. For fume hoods as indicated.

| | |
|----------|----------------|
| FZ550-10 | Laminate, H061 |
| FZ550-12 | Glass H061 |
| FZ550-15 | Laminate, H092 |
| FZ550-17 | Glass H092 |
| FZ550-40 | Laminate, H122 |
| FZ550-42 | Glass H122 |
| FZ550-45 | Laminate, H152 |
| FZ550-47 | Glass H152 |

Trolleys

Enable fume hoods to become mobile, increasing flexibility of use. Supplied with removable shelf. Steel construction. For cabinets as indicated.

| | |
|----------|------|
| FZ552-10 | H061 |
| FZ552-15 | H092 |
| FZ552-40 | H122 |
| FZ552-45 | H152 |

Lighting panel

For direct illumination of the work area. Mounted externally and supplied singly. Please refer to the table for the numbers of filters required per cabinet.

| | |
|----------|------------|
| FZ552-95 | All models |
|----------|------------|