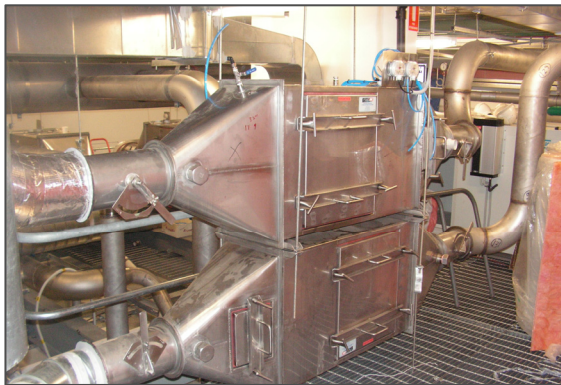


Ultra-clean environments for the
biopharma industry

Description

Vilair-AAF PC HEPA filter housings are produced in a range of sizes and configurations for exhaust or supply air applications in containment laboratories and similar critical environments. In PC3 and PC4 laboratories as defined in AS/NZS 2243.3:2002, airtight valves are used to isolate housings for pressure testing, maintenance or fumigation. Access doors allow installation, service and integrity testing of filters; capped fumigation ports facilitate in-situ decontamination; and threaded tappings for local or remote manometers and outputs to BEMS are provided.



PC3 installations at Institute of Clinical Pathology and Medical Research, Westmead NSW

Construction

304 stainless steel construction throughout. Housings fabricated to pressure-vessel standards in all-welded 2 mm sheet, with filter framing and clamping systems, access doors, fumigation ports, manometer/ BEMS tappings and fasteners all in 304 stainless steel.

Filtration

High capacity AAF® HCX 292 mm deep HEPA filters in accordance with AS 4260 and EN 1822 with efficiency rating of H12 or H14.

Physical data

| Model | Nom. capacity L/s | Static pressure Pa | Dimensions mm | | |
|----------|-------------------|--------------------|---------------|-------|--------|
| | | | Length | Width | Height |
| PC3/300 | 300 | 265 | 1700 | 690 | 450 |
| PC3/600 | 600 | 250 | 1900 | 690 | 770 |
| PC3/1200 | 1200 | 245 | 2200 | 690 | 1810 |

Options

- Sizes and configurations to meet project requirements
- Powder-coat welded steel construction
- ULPA filters to U16
- Prefilters with rating F5 to F7
- Magnehelic gauges
- Loose flanges for welded duct connections
- Airtight butterfly valves, lugged or wafer pattern with flanges to AS 2129
- Pre-installation pressure-decay testing

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