

## VPCR60 vertical laminar flow cabinets



### Applications

An ultra-clean work environment, free from biological and particulate contamination is needed to obtain reliable results in clinical and diagnostic PCR work. Additionally, UV radiation is needed to destroy post-procedure contaminants. Gelaire VPCR60 cabinets provide a high degree of protection for products and apparatus.

### Description

Gelaire VPCR60 cabinets are vertical laminar flow workstations designed and manufactured to comply with AS 1386 Part 5. They are intended for installation on standard laboratory benches, or on optional floor stands.

Vertical ULPA-filtered laminar airflow in the work zone creates a biologically-clean, particle-free work environment that reduces cross contamination during sample preparation. Partial recirculation of air leaving the work zone reduces air turbulence and extends ULPA filter life.

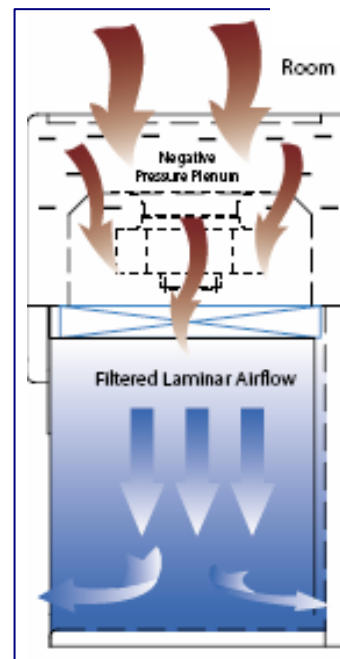
A short-wavelength 254 nm UV lamp inactivates residual DNA/RNA particles, thus reducing carryover contamination. The UV operates only with the fan switched off, and the UV shield fitted.

### Standard specification

- Cabinet housing in electro-galvanised steel with abrasion-resistant baked powder-coat finish
- Durable 304 stainless steel work zone
- ISO 14644.1 Class 4 air cleanliness within work zone
- Minipleat ULPA filter with efficiency of  $\geq 99.9997\%$  at MPPS and  $99.9998\%$  at  $0.3$  and  $0.12 \mu\text{m}$
- Germicidal UV lamp with 0-60 minute timer and safety shield
- Splashproof power outlet in work zone

### Accessories and options

- Floor stand
- Gas or vacuum tap
- Additional power outlet in work zone



### Physical data

Overall dimensions (mm)			Work zone dimensions (mm)			Base (mm)	
W	D	H	W	D	H	W	D
730	800	1250	630	654	685	730	685
Minimum recommended clearance above cabinet for inflow						250 mm	
Weight						100 kg	

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