

APPLICATION SOLUTIONS

PCR Workstation

Get results – not background

AirClean® Systems AC600 Series PCR Workstations combine ISO 5 HEPA-filtered air with UV light irradiation for the ultimate DNA/RNA manipulation and amplification work area. Cross-contamination during amplification of DNA and RNA can lead to results that are inaccurate, costing the lab technician valuable time and reagents. PCR Workstations minimize this risk by keeping airborne contaminants away from samples and irradiating work surfaces and tools between amplifications.



AC632LFUVC PCR Workstation

Features:

- UVtect™ microprocessor controller
- ISO 5 vertical laminar airflow
- UV and fluorescent lights
- Polycarbonate and polypropylene design reflects UV energy
- Seamless plastic design — no joints or gaps in construction
- UV shelf with built-in pipettor holder
- Digital UV light timer 1-59 minutes
- Constant monitoring of UV light and HEPA filter effectiveness
- Lab event timer
- Slip-hatch electrical cord access port
- Available in 110V AC or 220V AC

AirClean® Systems laminar flow workstations and clean benches meet and exceed ISO 5 standards

Unique Safety Features



UV light and UV shelf for enhanced irradiation of supplies



Polypropylene base reflects ultraviolet energy and is easily cleaned



Unique interlocking sash with a safety overlap to prevent gaps in sash



Sash safety switch automatically turns off UV light and activates the blower when sash is raised

*PCR is a registered trademark of Hoffman-LaRoche



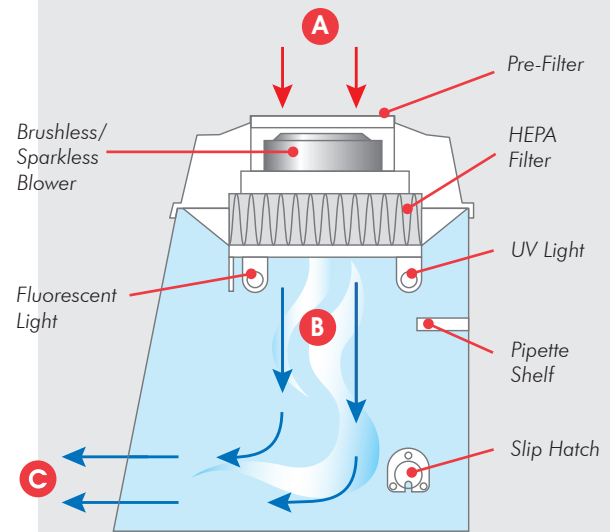
AC632LFUVC PCR Workstation in use



- Standard feature on AirClean® Systems Combination PCR Workstations. (32" and 48" models)
- Constantly monitors workstation effectiveness, alerting the operator if HEPA filter or UV bulb needs replacing
- Allows the operator to manually adjust airflow speed, accommodating the most fragile samples

How the PCR Workstation works:

1. Room air enters at "A" where it is cleaned via electrostatic pre-filtration.
2. Air then moves through the HEPA filter, capturing smaller particulate.
3. Clean vertical laminar flow air enters the chamber at "B" and exits at "C".
4. UV light sterilizes pipette tips, tubes and flasks.



Hoods, workstations and enclosures shipped fully assembled



PCR WORKSTATION DIMENSIONS

Product #	External Dimensions			Internal Dimensions		
	Width	Depth	Height	Width	Depth	Height
AC624LFUV	24"	24"	30"	23"	23"	18"
AC632LFUVC	32"	24"	30"	31"	23"	18"
AC632TLFUVC	32"	24"	39"	31"	23"	27"
AC648LFUVC	48"	24"	32"	47"	23"	18"
AC648TLFUVC	48"	24"	42"	47"	23"	29"

*AC624LFUV available in 110V only