

## ROOM AIR CLEANERS



Monmouth Scientific's new Room Air Cleaners can be used for a variety of applications including the removal of chemical fumes and particulate impurities from the environment.

The units can be fitted with a variety of types of activated carbon filters to remove different chemical fumes or noxious smells, alternatively, they can be fitted with a HEPA (High Efficiency Particulate Air) filters for particulate and bacteria removal.

**HEPA FILTRATION:** It is known that air is a major transporter for different impurities such as mould spores, Aspergillus & TBC (due to the vaporizing of cytostatic products), and many other infectious bacteria, in addition to dust, smoke etc.

The Room Air Cleaners help to achieve the objective of decreasing or even eliminating the risk of hospital acquired infections through airborne contamination as they are equipped with the best available HEPA filters. They can be used in a huge variety of areas including Bio-labs, Operating Theatres and all hospital departments having Immuno-compromised patients such as burn units, neonates, dialysis and oncology - Increasingly, they are also being used in Pharmacies and micro-electronic areas.

**CARBON FILTRATION:** The units have unlimited potential when fitted with activated carbon filters. They can be used in any area or room where chemicals may be present and air purification may be required. Applications include laboratories (including biological, chemical, biochemical), industrial areas, healthcare and forensic.

### Monmouth Scientific

Unit D4, Bath Bridge Business Park,  
Bath Road, Bridgwater, Somerset. TA6 4SZ

Telephone: 01278 458090 Fax: 01278 458091

Email: [info@monmouthsurgical.com](mailto:info@monmouthsurgical.com) Web: <http://www.monmouthsurgical.com>

Registered Office: Kernow House, Weymont Close, Middlezoy, Somerset, TA7 0JU



Registered Company No. 04716008

Monmouth Scientific is a trading division of Monmouth Surgical Limited



**FIXED OR PORTABLE?** The c.a.350 & c.a.850 are portable units designed for individual rooms where clean air is necessary, convenient for either professional or individual use. The c.a.plus350 and the c.a.plus850 are fixed units that are designed to draw air from one room to another. This creates a positive pressure in the room ensuring that no contaminants enters the room from adjacent areas.

## CONTROLS



The units are extremely easy use. A mains isolation switch is provided in addition to the variable fan speed controller.

## SPECIFICATIONS

	<b>c.a.350</b>	<b>c.a.850</b>	<b>c.a.plus350</b>	<b>c.a.plus850</b>
<b>Type</b>	Portable	Portable	Wall Mounted	Wall Mounted
<b>External Dimensions W x D x H - mm</b>	390 x 515 x 390	542 x 667 x 542	390 x 170 x 750	542 x 270 x 902
<b>Intake filter EU3</b>	310 x 285mm	482 x 437mm	310 x 285mm	465 x 285mm
<b>HEPA Filter H14 (if fitted)</b>	305 x 305 x 78mm H13	457 x 457 x 78mm H13	305 x 305 x 78mm H13	457 x 457 x 78mm H13
<b>Carbon Filter – type specific to application</b>	305 x 305 x 78mm – 7.2kg	457 x 457 x 78mm – 10kg	305 x 305 x 78mm – 7.2kg	457 x 457 x 78mm – 10kg
<b>Fan</b>	0.23kw	0.3kw	0.23kw	0.3kw
<b>Fan Control</b>	Variable speed – infinitely controllable	Variable speed – infinitely controllable	Variable speed – infinitely controllable	Variable speed – infinitely controllable
<b>Weight</b>	20Kg	30Kg	20kg	25kg
<b>Noise level</b>	42dB – at 50% air speed 54dB – at 100% air speed	44dB – at 50% air speed 56dB – at 100% air speed	42dB – at 50% air speed 54dB – at 100% air speed	44dB – at 50% air speed 56dB – at 100% air speed
<b>Air Volume</b>	350m <sup>3</sup> /hr	850m <sup>3</sup> /hr	350m <sup>3</sup> /hr	850m <sup>3</sup> /hr
<b>Cost:</b>	<b>£695 + VAT</b>	<b>£1,195 + VAT</b>	<b>£795 + VAT</b>	<b>£1,295 + VAT</b>

All Room Air Cleaners are manufactured by Karstulan Metall Oy to the highest technical specifications including ISO 9001 and ISO 14001 and are CE marked.

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