



(ISO 9001:2008 Certified)

**AIR MICRON CLEANTECH PVT. LTD.**

Hvac & Cleanroom System & Solution

103 - Aai Laxmi Plaza, behind classic hotel, kalyan shill road, Dombivali (E).

Tel-9223501187.

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[www.airmicron.com](http://www.airmicron.com). & [www.airhandlingunits.co.in](http://www.airhandlingunits.co.in)

VERTICAL LAMINAR REVERSE DOWNFLOW CONTAINMENT STATION



### Dispensing Booth - Front Open

Air Micron Cleantech offers a range of Laminar Airflow Bio-clean Containment Stations conforming to [current ISO/TC standards and guidelines](#). Employing contemporary technologies in micro-contamination control, these systems clean down your critical workspace and sustain design conditions through safe and effective removal of work-generated contaminants.

Isolation and containment are the emerging value-engineered technologies in micro-contamination control, and **Air Micron Cleantech** is again in the forefront, having every angle covered. From design, manufacture and installation to commissioning, qualification, training and servicing - our total package is relied on by many of our major pharmaceutical and chemical companies. With several installations countrywide to our name, our systems are used within dispensing, sampling, product charging and offloading applications, combining both operator and product protection. Solutions include:

- Downflow Containment Booths
- Glove Box Isolators
- Facility Design
- Containment Hoods
- Glassware Containment Booths

All Air Micron Cleantech units bear the hallmark of committed professionalism, and promise you quality, security, protection and full-value-for-money. Backed by rich experience, continuing research and strong infrastructure, Air Micron's cost-performance-benefit equations remain unequalled.

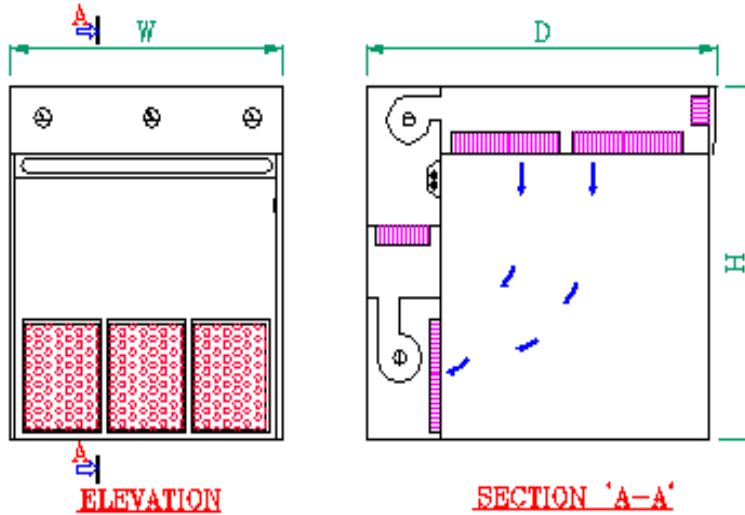
So whether you need a small stand-alone unit or a fully designed facility, choose Air Micron Cleantech and discover how to obtain a clear solution in containment. And you can be sure you are investing in the best in the market.

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Model	Work space dimensions			Overall dimensions		
	w	d	h	W	D	H
2254-RF	48"	24"	84"	56"	57"	102"
2254-RF-SP-1	48"	36"	84"	56"	69"	102"
2254-RF-SP-2	48"	48"	84"	56"	81"	102"
2254-RF-SP-3	48"	60"	84"	56"	93"	102"
2256-RF	72"	24"	84"	81"	57"	102"
2256-RF-SP-1	72"	36"	84"	81"	69"	102"
2256-RF-SP-2	72"	48"	84"	81"	81"	102"
2256-RF-SP-3	72"	60"	84"	81"	93"	102"

**Execution**

Standard execution	Optional features	Typical applications
<ul style="list-style-type: none"> <li>SS 304</li> </ul>	<ul style="list-style-type: none"> <li>SS316 execution</li> <li>Dead table</li> </ul>	<ul style="list-style-type: none"> <li>Work with Active Process Ingredients</li> </ul>

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<ul style="list-style-type: none"> <li>• Magnehelic Gauges</li> </ul>	<ul style="list-style-type: none"> <li>• UV germicidal lamp</li> <li>• PC side &amp; rear panels</li> <li>• Air/gas cocks</li> <li>• Magnehelic gauge</li> <li>• Ultra low noise blowers</li> </ul>	<ul style="list-style-type: none"> <li>• Powder weighing, dispensing &amp; sampling</li> <li>• Work with open containers</li> <li>• Work with corticosteroids</li> <li>• Work with low toxic or otherwise low risk hazardous materials</li> <li>• Sampling, specially substances that are either hazardous or of unknown origin</li> </ul>
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### Special Components

<b>Prefilter</b>	Washable, reusable fire-retardant depth filter, specially treated to inhibit microfloral growth
<b>HEPA filter</b>	Microfibre glass media. Efficiency > 99.97% down to 0.3µ at both 100% & 20% of rated airflow
<b>Impellers</b>	Statically and dynamically balanced for high performance, low noise and vibration
<b>Blower-motor</b>	Direct-driven dual outlet design with special sealed bearings and unique suspension

### Containment Booths

Among the exciting emerging value-engineered technologies are **isolation** and **containment** under sub-turbulent ISO Class 5 (Fed Std 209E Class 100) *first* air, and **A S Air System**<sup>®</sup> is in the forefront, fully geared to render comprehensive support to the industry.

Containment systems are particularly useful for

- Work with Active Process Ingredients
- Powder weighing, dispensing & sampling
- Work with open containers
- Work with corticosteroids
- Work with low toxic or otherwise low risk





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hazardous materials

- Sampling, specially substances that are either hazardous or of unknown origin

## Tech-brief

<b>Governing standards</b>	ISO 14644 (1998)
<b>Air velocity</b>	90 fpm (0.45 mps) + / - 20%
<b>Cleanliness level</b>	Fewer than 100 particles of size 0.5 $\mu$ or larger per cu.ft of air sampled ( or <3,520/cuM )
<b>Noise level</b>	< 65 dB (A Scale)
<b>Vibration level</b>	< 2.5 $\mu$ ( 0.0001" )
<b>Illumination level</b>	800 lumens/sq m (75 ft-candles) at work level
<b>Electricals</b>	230V AC, 1 $\phi$ , 50 Hz