

POSITIVE PRESSURE MODULE PPM-819



KEY FEATURES

- **Sturdy Construction:** Made of powder-coated mild steel or stainless steel (SS 304/316)
- **Maintains Positive Pressure:** Creates a higher pressure inside the room to prevent entry of contaminants.
- **HEPA Filtration System:** Fitted with H13/H14 grade HEPA filter (99.97% efficiency at 0.3 microns).
- **Pre-filter System:** Washable synthetic pre-filter (10 micron) for initial dust removal.
- **Efficient Motor-Blower Assembly:** Dynamically balanced, low-noise motor ensures steady airflow and pressure.
- **Uniform Air Distribution:** Evenly distributes filtered air for consistent cleanroom performance.
- **Compact & Modular Design:** Easy to install on wall or ceiling of cleanrooms or sterile zones.
- **Low Noise & Vibration:** Operates smoothly with minimal sound and vibration

TECHNICAL SPECIFICATIONS

Parameter	Specification
Airflow Capacity	600 CFM/1000 CFM / 1500 CFM (as per model)
Filter Type	HEPA Filter (H13/H14 Grade)
HEPA Filter Efficiency	99.97% at 0.3 microns
Pre-Filter	Washable Synthetic Pre-Filter (10 micron)
Construction Material	Powder Coated MS / SS 304 / SS 316
Blower Type	Dynamically Balanced, Low Noise Centrifugal Blower
Motor Power	0.25 HP-1.0 HP (depending on model)
Air Velocity	0.36-0.54 m/s
Noise Level	< 65 dB (A) at 1 meter distance
Pressure Differential	Maintains +15 to +30 Pascal (pa) inside room
Mounting Type	Wall Mounted
Power Supply	230V ±10%, 50Hz, Single Phase AC