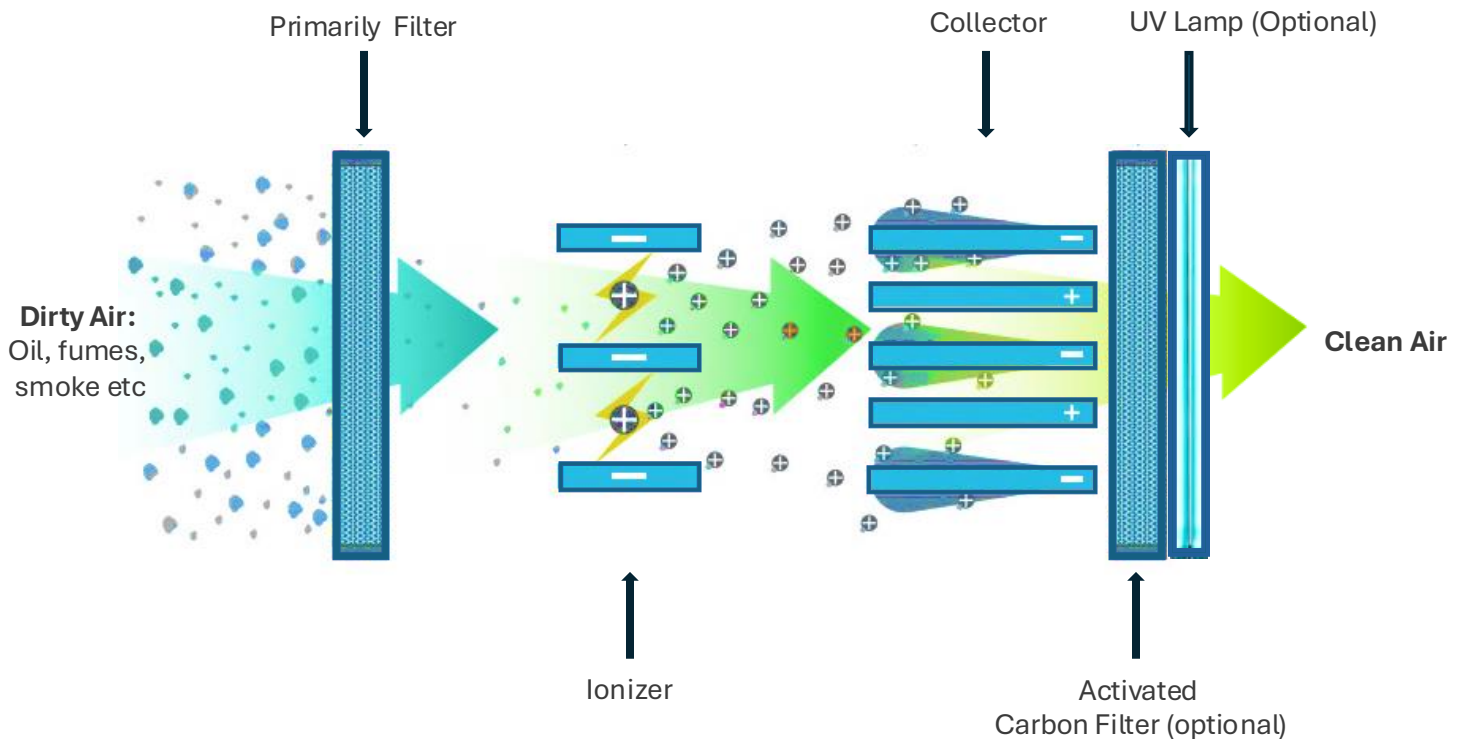




Air purification solutions for kitchen fumes pollution.

Dry Scrubbers (ESP) for kitchen exhaust.

How it works?



Stage 1: Wire mesh filter

Dirty air will pass from primarily wire mesh filter; this will trap large particles of pollutants. Smaller particles will pass through this filter and will enter ionizer.

Stage 2: Ionization (Ionizer Section)

Polluted air passes through ionizing electrodes and particles as small as $0.1\mu\text{m}$ will be positively charged and will move forward towards collector.

Stage 3: Collection (Collector Plates)

In collection section many parallel collection plates are negatively charged, the positively charged particles coming from ionizer will get attracted to these collector plates, where they stick and build up.

Stage 4: Activated Carbon Filter (Optional)

Activated carbon filter helps in removing odours from cleaned air & will deliver fresh air.

Stage 5: UV Lamps (Optional)

Ultraviolet (UV) lamps can be used in kitchen exhaust systems after an electrostatic precipitator (ESP) to reduce grease buildup and eliminate odours.



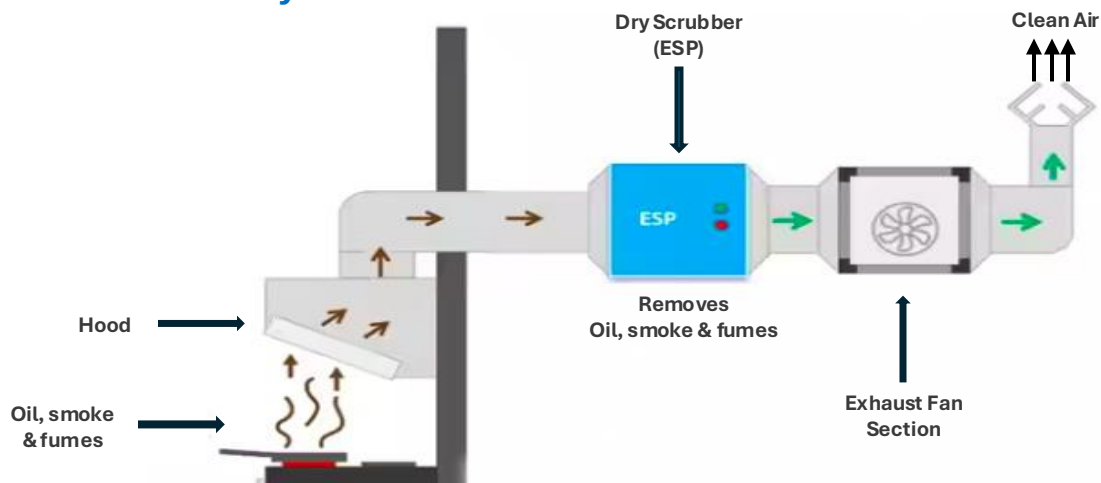
Technical Data:

Models	Air Flow (CFM / CMH)	Unit Dimension W X H X L (mm)	Unit Weight (kg)	Power (w)
VT-020DS	2000 / 3400	725 X 540 X 620	65	50
VT-050DS	5000 / 8500	1294 X 540 X 620	100	90
VT-075DS	7500 / 12750	1861 X 540 X 620	135	130
VT-100DS	10000 / 17000	2429 X 540 X 620	170	185

Optional:

- Auto Wash
- UV Lamps
- Activated Carbon Filter.
- Can be provided within double skin casing with fan section.

Kitchen Exhaust System:



“Empowering Clean Air”



“For a Greener Earth.”



Vivair Technologies Pvt Ltd.

📍 404, Vishwadeep Building,
District Centre, Janakpuri,
West Delhi, Delhi-110058

☎ +91-11-49948258 ✉ sales@vivair.co.in

