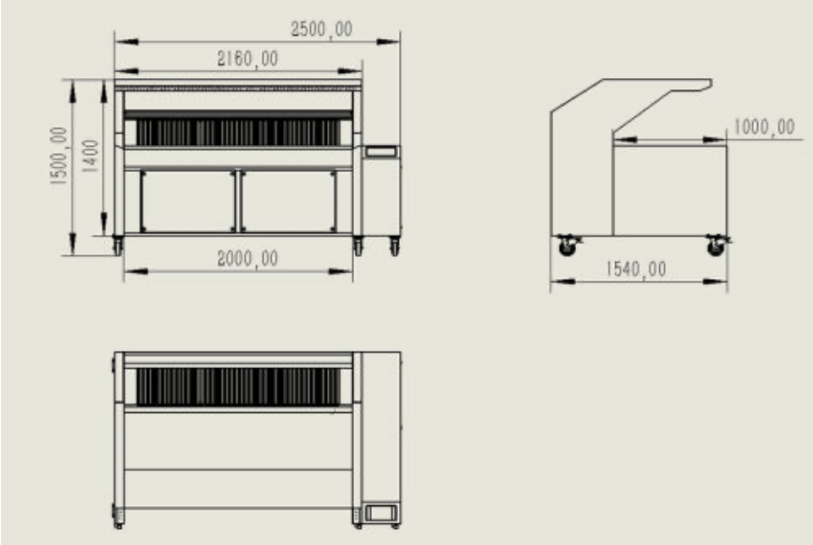
ECO AIR MOBILE COOKING STATION

Eco Air mobile cooking station is an innovative approach to food preparation. Integrated with state of the art induction appliances, recirculating air-filtration and UL300 fire suppression systems(Optional), eliminating the need for external ventilation. It's a self- contained front-of-house cooking solution ٥٦that is perfect for hotels, restaurants, resorts, cafeterias, Charcoal station and convention centers. It gives food service operators the ability to fully engage their customers, expand their menu and grow their business in areas possible before. It is a versatile, energy efficient cooking solution that meets NFPA-96 codes.

The details at a glance:

- Reduced suction bridge for optimum visibility
- Highly effective filter system (plasma Ionizer)
- Electronic control with filter change indicator
- Spacious storage space on the odor filter boxes
- Free space below the device setting board
- Full-wheel plastic rollers ø 75 mm

084-CB-QMS



1. Vacuum and a three-sided air stream guide the fumes to the extraction bridge.
2. In the extraction bridge the grease is separated.
3. Fleece and grease filters absorb moisture and aerosols.
4. Odour particles and blue smoke are reduced with the optional Plasma Ioniser filter system.
5. Activated charcoal binds odour molecules.
6. The cleaned air exits downward.
7.

The filter system Plasma Ioniser filters blue smoke and prolongs the service life of the activated carbon.

That's how it works:

1. In the pre-filter stages coarse particles, e.g. Grease separated.
2. In the ionizer, the particles flowing through are positively charged by an electrostatic voltage field. In addition, high-reactivity ozone is formed from oxygen.
3. In the collector stage, the positively charged particles adhere to the negatively charged plates and are thus deposited (especially aerosols).
4. In the oxidation process, the ozone decomposes odors and blue smoke.
5. Particles attached to activated carbon, which have not yet been deposited, react with the residual ozone. The activated charcoal is thereby cleaned, the service life thereby significantly extended.
6. Oxygen, carbon dioxide and water are released as end products to the environment.