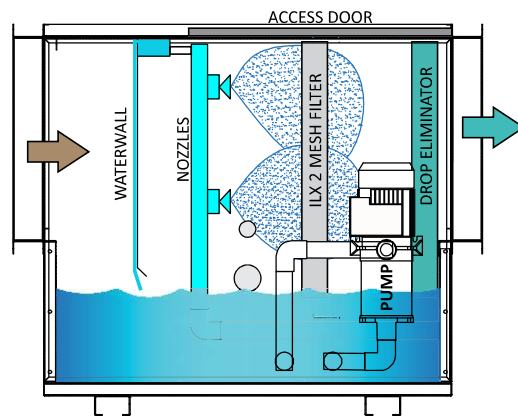


# Water Scrubber

Water filtering system for smoke and grease. The system is based on water, the most simple and efficient element in nature. A combination of fresh and recycled water from a tank, runs through a recirculation pump, and uses nozzles to spray water under high pressure to wash the gasses. It then filtrates and purifies the smoke, eliminating grease particles produced by cooking and combustion.



The unit is equipped with stainless steel mechanical filters which, when hit by the jet of water caused by the nozzles, distribute the air over the entire surface. A further barrier of mesh stainless steel filters is used to filter the particles that may have escaped the first filtration. Then, a water separator filter, also made of aluminium, has the purpose of reducing as much as possible the humidity produced by washing.

- The cabinet construction is formed by stainless steel panels
- Water curtain system is manufactured from stainless steel sheet panels and is articulate
- This allows easy access to the air washing system for maintenance
- Water reservoir is manufactured from stainless steel sheets with seamless welding
- Pipes and valves with proper diameters and dismantable washing nozzles are used in order to avoid obstructions
- Service valves are winged type
- Dismantable water filters are placed in front of water inlet valve, overflow pipe and pump suction
- Exhaust fan and water circulation pump are centrifuge type
- Armatures with batten type fluorescent lamps are used
- Power panel is placed on the cabinet and the internal cable network is ready to use
- The particles conveyed by the exhaust air are hold ideally thanks to the water curtain and air washing systems
- The eliminator-separator system placed in the air washing system holds the water drops carrying oil particles, conveyed by the exhaust air; and prevents pollution
- Water-curtain paints are suitable for both manual and continuous applications