



BRIGHTFLOW AIR SCRUBBERS

Brightflow Scrubbers because of its unparalleled & unmatched characteristics, have been continue to be used in most of the three, four, five & seven star hotels mostly in the northern region of India. The exhaust ducting from the kitchen, diesel generating sets, boilers & laboratories etc. carry odour or smell and are connected to the inlet of the scrubber.

CASING

These are manufactured in various sizes, ranges and cater to from 25 to 150mm static pressure as per system/application requirement. These are manufactured in single skin from GI or duly painted/ pre-painted – pre-plasticized GI / stainless steel sheets. However, double skin scrubbers with 24 gauge GI inner and same gauge for the outer skin with pre-painted / pre-plasticized sheets can be supplied as per specific demand. The sump tank is fabricated out of MS lined with FRP (Fibreglass Reinforced Plastic) / stainless steel sheets. We supply the units for any possible technical combination of body and the sump tank.

FAN SECTION

Fan section comprises of double width, double inlet, centrifugal blower with TEFC motor either belt or direct driven. The fan & motor assembly are mounted on a common / adjustable base frame isolated from the main structure by efficient, Self-resilient isolators and fire retardant flexible connection at the fan outlet inside the body to minimize the vibration and noise transmission. We prefer to use backward type blowers for ease of maintenance on account of widely spread of blower vanes.

SPRAY SECTION

The standard Scrubber comprises of GI / PVC/ SS distribution Plate, double bank opposed spray banks placed lengthwise on both sides in a zig-zag way, pump set including GI / PVC/SS pipe and pipe fittings, valves for recirculation of water including make up, quick fill, drain connection, suction strainer and suction screen in the sump tank. The water is supplied at a very high pressure through specially designed nozzles which convert water into a complete envelope of mist to eliminate carbon grease, dirt etc. PVC eliminators are provided to prevent water vapour / moisture carryover to the fan section.

OUR OTHER PRODUCTS

- Air Treatment Unit • Fan Coil Unit • Evaporative Air Cooling Unit • Pressurisation Unit
- Air Terminal Product • Smoke & Fire Damper • Accoustic Door



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Get rid of foul smell, carbon particles, oil grease, acid fumes etc...

AIR SCRUBBER