

SPRAY TYPE SCRUBBER

APZEM spray type scrubber is the simplest of wet scrubber and are custom designed to capture dust particles, VOCs, chemical fumes, and other water / chemically soluble fumes and Vapors generated in industrial process. It have high efficiency and maintenance-free acid gas absorption system proven by successful installations.

FEATURES

- > Robust, compact construction
- > Minimum maintenance
- > Optional self-diagnostic system
- > Liquid Recirculation System
- > Mist Elimination Section
- > Clean Air Outlet
- > Dirty Air Inlet
- > Mixing Chamber

ADVANTAGE

- > Relatively low pressure drop
- > Can handle flammable and explosive dusts with little risk
- > Fiberglass-reinforced plastic (FRP) construction permits operation in highly corrosive atmospheres
- > Relatively low capital cost
- > Relatively free from plugging
- > Relatively small space requirements
- > Ability to collect particles

OPERATION

Pollutant laden gases enter at the bottom of the spray tower and rise upward, making contact with the liquid draining down through the column. Since the pollutant concentration decreases as the gas rises, there is constantly fresher solvent available for contact, resulting in an efficient removal of contaminants.

APPLICATION

- > SO₂ absorption from boiler flue gas
- > Acid gas absorption
- > HF absorption in the aluminium industry

