



FBL INDUSTRIAL SERVICES
A Company of FBL Group

**FBL Industrial Services
Offers
Pollution & Environment
Control systems.**

FBL designs, manufactures, and installs a variety of corrosion resistant wet scrubber systems, for many applications requiring air pollution control. Each wet scrubber is custom designed and fabricated according to project specifications.

Wet scrubber technology is one of the leading in the world applied after boilers and incinerators running on fuels producing particulate as pollutants in flue gases.

FBL supplied wet scrubbers are designed to remove soluble particulates and gaseous pollutants and is based on atomized spray, tower type centrifugal wet scrubbing technology.



Moreover wet scrubbers can be designed and installed as per requirement of customer from design change & to meet maximum efficiency as per process & site Requirement. Routine inspection and maintenance services of installed wet scrubbers can be offered on request.

Parameters:

- Rate of dust removing: $\geq 98 \%$
 - Rate of sulfur removing: $\geq 80 \%$
 - Output amount of smoke: 18-22 m/s
 - Input amount of smoke: 16-20 m/sec
 - Amount of rising smoke in drops catcher cylinder: 3.5-5.5 m/s
 - Static pressure of the over flowing trough: 2-5 mm H₂O
 - Air resistance in the tube: 70-120 mm H₂O
 - Cleaned smoke temperature: 50 - 80 Degree C
 - Ratio of water to air (a): 0.12 kg/m³
 - Water consuming G (kg/hr) a X Q
- a= ratio of water to air
Q= amount of smoke m³/h



FBL Industrial Services

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Features:

- Easy to Install & Operate
- Low maintenance Cost
- Quick opening door access for easy inspection
- Along with all metering & Pumping units
- No special mounting is required .

