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Wet scrubbers are gas cleaning equipment where the dirty gas stream is brought into contact with a scrubbing liquid.

The scrubber design depends on the industrial process conditions and the nature of the air pollutants involved. Wet scrubbers can be designed to collect particulates and/or gaseous pollutants by capturing particles in liquid droplets and by dissolving pollutant gases into the liquid.

Special version on request.



Technical Data

- Frame in stainless steel AISI304
- Packed column (with Raschig rings) in borosilicate glass 3.3, size DN50 ÷ 600
- Spherical vessel in borosilicate glass 3.3, capacity 10 ÷ 200 litres with:
quick closure
rupture disk
discharge valve in borosilicate glass 3.3
pressure/vacuum gauge
- Coil type heat exchanger in borosilicate glass 3.3
- Regulating valves in borosilicate glass 3.3
- Recirculating pump (ATEX)
- PTFE gasket
- Operating pressure: -1.0 ÷ +0.5 barg
- Exhaust gas temperature: -60 ÷ +135°C
- Scrubbing liquid temperature: 0 ÷ 80°C
- Certificates: ATEX, CE

Application Fields

- Neutralizing of exhaust gas
- Scale-up studies

Optional

- Different packed columns
- Production scale columns