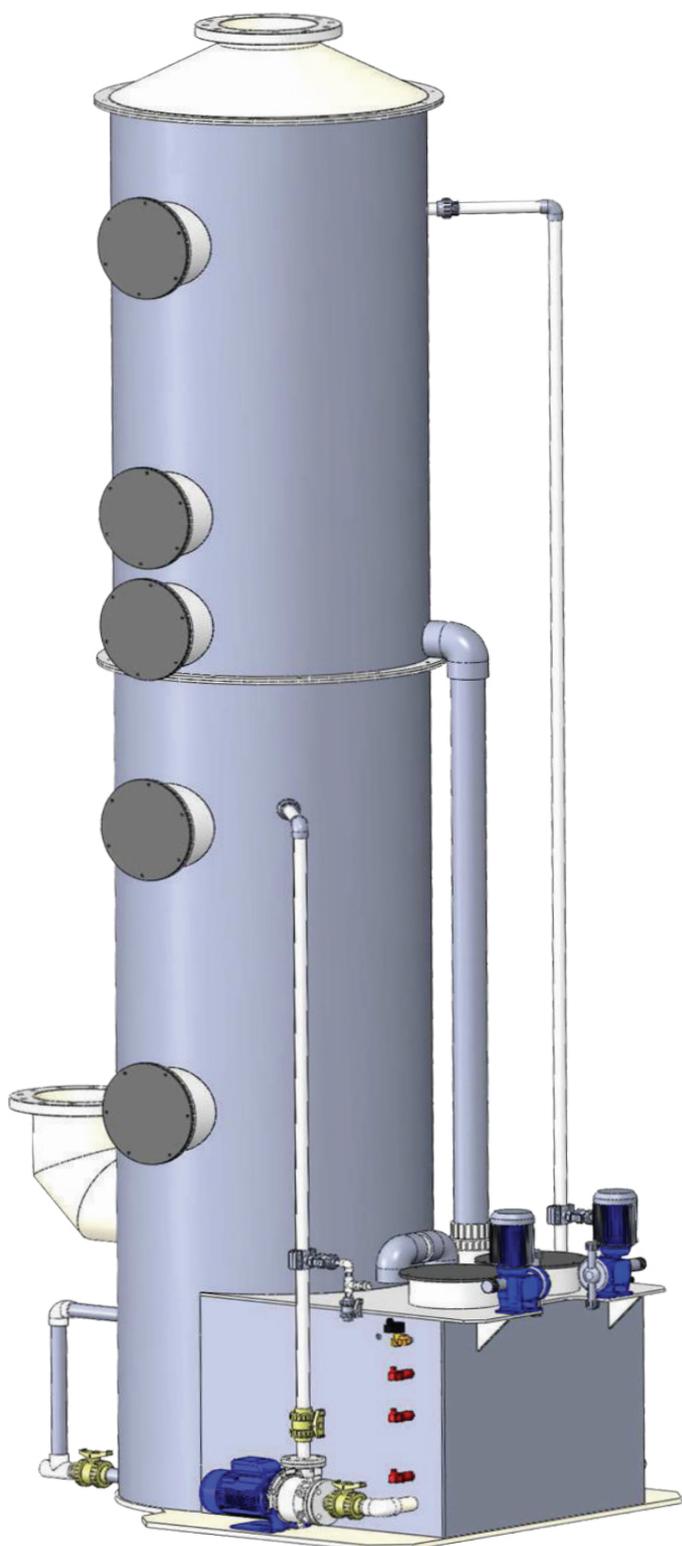


Two stages tower SDS series



EQUIPMENT TYPE

Wet air, or other gases, depollution.

APPLICATION

Two-stage Scrubber SDS series is used when we need to clean air from acids and bases in a single column.

OPERATING PRINCIPLE

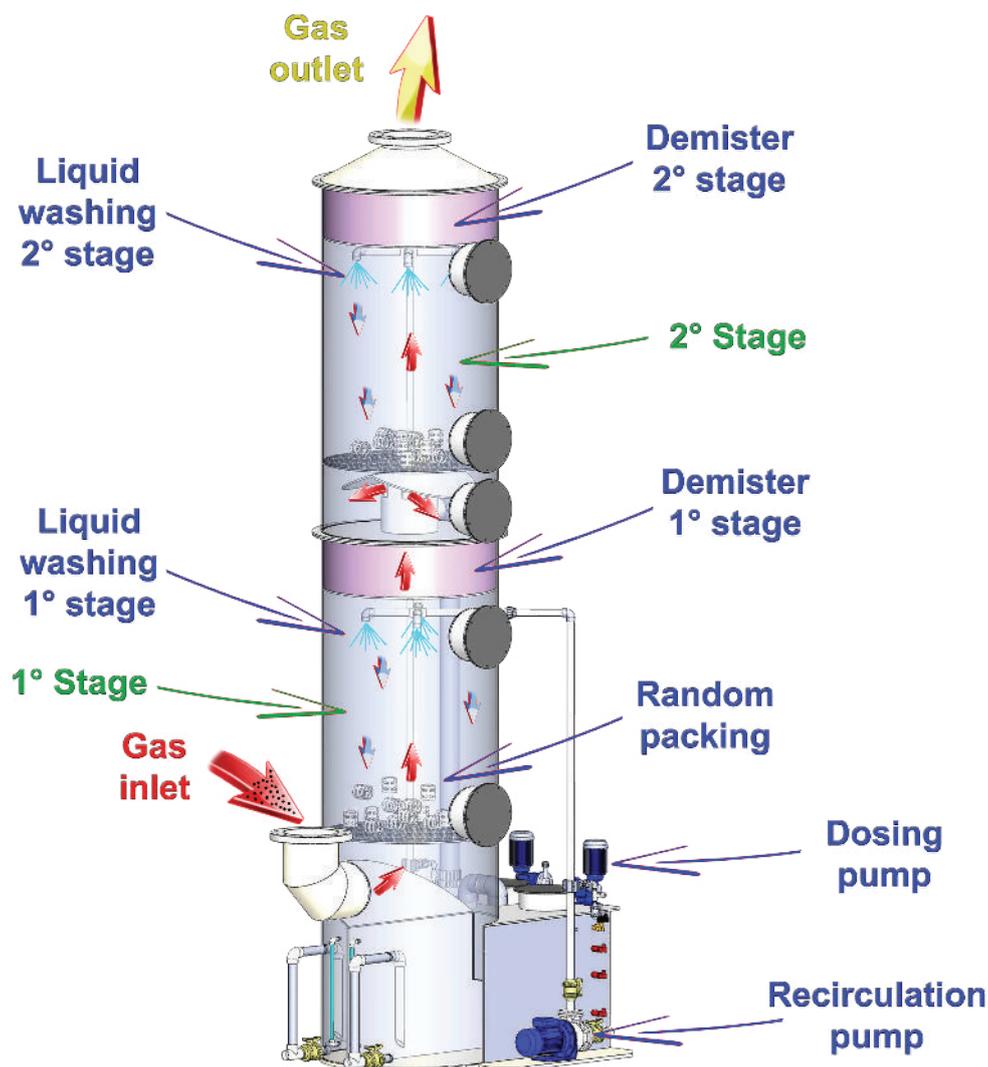
Two-stages Scrubber SDS series, is a gas absorption device that use two stages of internal media. This scrubber design series can achieve high removal efficiencies on most gaseous contaminants with energy saving, low pressure lost, and space saving.

MAIN ADVANTAGES

- It saves energy input
- It saves space

TYPICAL APPLICATIONS

- Gaseous and particulate contaminant removal from processing operations in the chemical, pharmaceutical, food and petroleum industries.
- Gaseous and or particulate emissions from process operation vessels, reactors and storage tanks
- Odor control and VOC removal from solid dryers, and waste treatment operations
- Acid and alkali fume removal from pickling, galvanizing, and cleaning lines
- Toxic, explosive or hazardous gases.
- VOC Scrubbing
- Fume Scrubbing
- Odor Control



| | | |
|----------------|--|--------------|
| Gas flow m3/h | from : 500 | to : 100.000 |
| Dimensions | As required by the customer | |
| Packing | The choice of random packing is according to the process. | |
| Washing system | With a recirculation pump and nuzzels | |
| Demister | With a high efficiency in polypropylene or stainless steel | |

CONSTRUCTION

Two-stages Scrubbers, is constructed in polypropylene, with two separates washing solution tanks located at the scrubber base, for each stage is installed one electrical pump, one dosing pump, and there are a random packing bed and one demister.

OPTIONAL

- Construction in stainless steel
- Construction in fiberglass
- Electrical panel
- Airfan
- Inverter
- chemical storage tanks
- Dust and fume collecting System