

LGP-NÓVUM 4000

falling film type gas scrubber and dust separating device



Outline of the gas cleaning process

The equipment is designed for suctioning operation, is divided to two areas by a fluid tray and is vertically structured. Inside the equipment the cleaning liquid and the polluted gas repeatedly collide with each other in parallel- and crosscurrents.

At the same time as the gas continuously, intensively, contacts with the liquid surface and the broken down liquid particles the fluid washes out the pollution from the gas and absorbs it.

The capacity of the devices are 4000 m³/h are equipped with mist-separator and ventilator. Up to 5000 m³/h the devices are with circular cross-section and above 5.000 m³/h capacity they are constructed with special square shaped tubes.

This technology is applicable in those cases when the pollution can be wetted or made wet.

Choose LGP-NÓVUM equipments

- . If there are filter replacements too often.
- . If the filter burns out.
- . If the pollution is explosive.
- . If the pollution dust is loaded with fluid droplets.
- . If constant air flow is required.
- . If there is high dust pollution load.
- . If an environment-friendly solution is needed.
- . If the production hall needs to be cooled and humidified by the recirculated air.

Technical data

| Dust extractor fan | | |
|---------------------|------|-------------------|
| Performance of fan: | 4000 | m ³ /h |
| Motor performance: | 7,5 | kW |
| Fan pressure: | 2200 | Pa |
| Height: | 2300 | mm |
| Width: | 1600 | mm |
| Depth: | 1600 | mm |
| Assembly height: | 2300 | mm |



LGP-NÓVUM 4000 - made for the separation of flammable and explosive aluminum powder