



**96 134 06 63**

P.I. Fuente del Jarro  
Ciudad de Elda, 11  
46988 Paterna | Valencia  
[www.grupovento.com](http://www.grupovento.com)

**It obtains clean air,  
suitable for direct  
atmospheric  
disposal, and a  
methanolic aqueous  
solution treated in a  
recovery stage**

### WORKING SYSTEM

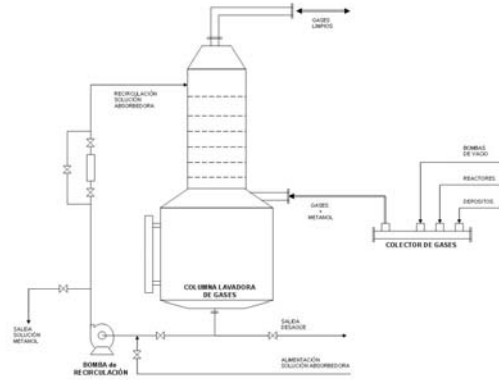
Air from the vacuum pumps and venting deposits and reactors is loaded with methanol (MeOH), so it is driven to this washing and absorption water operated system. The air is driven to the column with water circulating counterflow. A storage deposit is attached to the column provided with an automatic level detector in order to control the drainage and filling as well as depletion degree of the the absorbing solution.

In this way we obtain a methanolic aqueous solution, which is sent to the methanol recovery system, and clean air, that can be disposed directly to the atmosphere.

## PROCESS DIAGRAM

ATEX compliant

DIAGRAMA DE PROCESO PARA LAVADO DE GASES



## INSTALLATION EXAMPLES

| Installation of METHANOL-AIR WASHING for **Biocarsa** in Cuevas del Almanzora (Almería) with a treatment capacity of 600 Nm<sup>3</sup>/h.

| Installation of METHANOL-AIR WASHING for **Biotel** in Barajas de Melo (Cuenca) with a treatment capacity of 1.200 Nm<sup>3</sup>/h.

