

**sinteco**<sup>®</sup>

plants division

depuration LPG

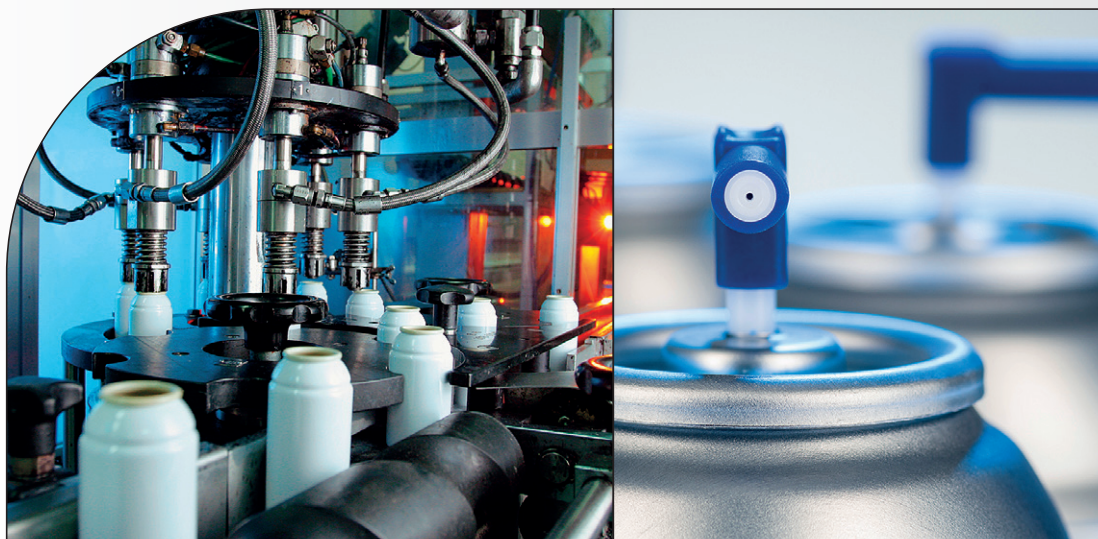
**FOR AEROSOL PROPELLANT GASES AND HIGH PURITY GASES**

# DEPURATION LPG

**FOR AEROSOL PROPELLANT GASES AND HIGH PURITY GASES**

PURIFICATION LPG AND SPECIAL HYDROCARBONS PROCESS TO PRODUCE HIGH QUALITY AEROSOL PROPELLANT AND PURE GASES.

**APPLICATIONS: COSMETIC, PHARMACEUTICAL, FOOD AND TECHNICAL SPRAY AEROSOL. PROPELLANT GAS PLANTS.**







**...TO PRODUCE A HIGH QUALITY PROPELLANT GAS IS OUR JOB SINCE 1973"**

Sinteco Srl projects and manufactures LPG purification plant. This process removes odours generated by sulphides and moisture present in LPG; these pollutants are not compatible with cosmetic propellants aerosol gas. The purification system leaves a complete odourless product.

### TYPE OF THE PLANTS

PROFESSIONAL PLANT

4 Towers Standard = (3.000 ÷ 4.000 lt/hour)

PROFESSIONAL PLANT

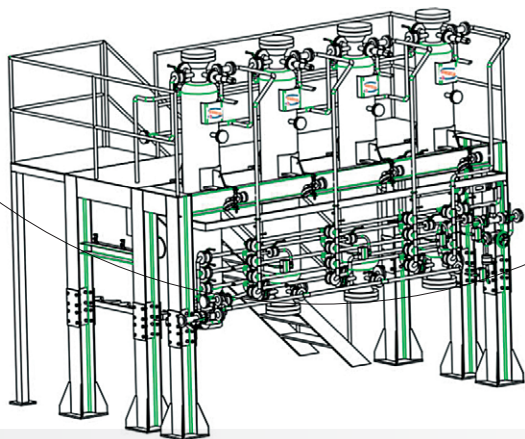
2 Towers Standard = (3.000 ÷ 3.500 lt/hour)

COMPACT PLANT 2 Towers = (1.500 ÷ 2.000 lt/hour)

We can provide to our customers a tailor-made plant with higher or lower purification capacity.



### TECHNICAL INFORMATION ABOUT THE PROFESSIONAL PLANT 4 TOWERS STANDARD



It has 4 purification towers with usage of molecular sieves for adsorption.

It is possible to project and realize the complete plant with or without regeneration of exhausted sieves.

Production capacity = 3000 ÷ 4000 lt/hour

Working temperature = - 40 °C / +50 °C

Maximum working pressure = 18 bar

Pressure test = 25 bar

The process and all equipment's are certificated for usage with LPG and CE-PED and CE-ATEX certified in accordance to the European Standard Regulations.



### APPLICATIONS

This type of plant can be used to distribute propellant gas to the OEM or it can be used by an aerosol gas filler for its production of aerosol cans. It is also possible to supply all other equipment's, as an option for the plant (as an example the pumping units, compressor skid, storage - tanks, pipelines etc.). Our process to produce a high-quality LPG propellant gas has been installed in many parts of the world like Italy, Poland, Russia, Ukraine, Dubai, Niger, Egypt, etc. Sinteco's know-how is a guaranteed process by 40 years' experience.



All technical informations and sales information available at:  
[www.sinteco-srl.com](http://www.sinteco-srl.com)

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