



## »»Gruenberg

Solvent-Venting Industrial Ovens

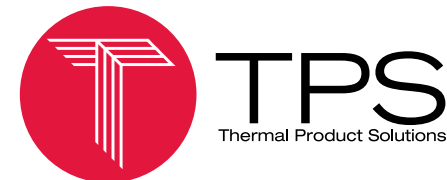
### Solvent-Venting Ovens

All standard Gruenberg ovens can be designed to house volatile atmospheres. Thermal Product Solutions designs all Class A ovens to conform to OSHA, NFPA 86A, Factory Mutual (FM) and Factory Insurance Association (FIA) requirements.

As part of the safety design, Class A ovens must be equipped with a high exhaust rate: because the heating elements are an ignition source, a high exhaust rate is needed to dilute the volatile vapors below the "lower explosive limits." As a result, the heating elements' kW must be sufficiently increased to compensate for the heat loss caused by the above-normal exhaust rate. In addition, for a Class A oven to be energy efficient, the additional kW required must be carefully calculated according to solvent load and operating temperature requirements.

#### ► Features

- Explosion venting
- Separate power exhauster
- Heating systems interlocked by differential switches
- Purge timer
- High-limit thermostat
- Second heater contactor for electric ovens
- Door switch
- Markings including various warning labels and a capacity curve
- Automatic electric ignition with pilot flame supervision by an electronic device for gas ovens



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*Specifications and Product Information are subject to change without notice.*

THERMAL PRODUCT SOLUTIONS

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