



Gruenberg Cyclone Series™ Oven

The Gruenberg Cyclone Series™ Oven utilizes a pair of non-sparking blowers to provide a patented ignition-free heating method. One blower circulates the airflow in the oven while a second blower generates heat using “fan friction”. This heat source is by nature ignition free and it can be independently modulated without affecting the circulation air flow rate. The Cyclone Series™ is ideal for applications involving a wide range of hazardous materials, including flammable solvents and dusts that may be encountered in drying, curing and finishing applications. It is also designed with the capability to be used with programmable ramp and soak controllers.

▶ Benefits

- Ignition-free heat source - Mitigates risk of atmospheric explosions and ignitions when working with Class I, Group C & D, and Class II, Group E, F & G materials
- Modular - Available for use on a wide range of oven styles and sizes
- Flexible – Compatible with ramp and soak controllers to generate complex temperature profiles

▶ Common Applications

- Pre-heating
- Wet paint curing
- Powder curing
- Adhesive curing
- Ink curing
- Bonding
- Drying
- Heat treating

▶ Features

- Independent blower creates heat using “fan friction” - no interior oven surface is hotter than the process air
- Ideal for processes involving hazardous Class I & II materials, including a wide range of flammable organic and inorganic solvents encountered in drying, curing, bonding, encapsulating and finishing applications.
- Simple, economical design that endures years of use
- Modulating the rotational speed of the heating blower adjusts the heat input without affecting the air circulation rate
- Unlike Class A ovens, the maximum quantity of solvent per batch is not limited

▶ Installation Options

- New equipment
- Field retrofits possible, contact the factory for more information
- Available within other TPS Brands, contact the factory for more information



Blue M, Gruenberg, Lindberg/MPH, Lunaire, Redline Chambers, Tenney, Wisconsin Oven

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Specifications and Product Information are subject to change without notice.

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»»Blue M »»Gruenberg »»Lindberg/MPH »»Lunaire
»»Redline Chambers »»Tenney »»Wisconsin Oven