

GRID AGING OVEN



Oven Construction

The oven is constructed by modular dismantle type PUF insulated 100 mm sandwich panels. The interior is constructed by GI Powder Coated sheets and the exterior will be GI powder coated sheets. The chamber is designed with air circulation blower, heaters, etc. The sensor is located inside the return air duct. The Heating will be SS tubular Heaters.

Control Panel

External control panel consists of all the instrumentation power on, control power on, and indicators for drying cycle operation are provided. The electric power panel consists of contactor, MCB's, timer and other electric components.

Instrumentation

PID based Temperature controller, etc.

Safety controls

In addition to the entire instrumentation high temperature control is provided for extra safety of the oven.

GENERAL DESIGN CONCEPT

