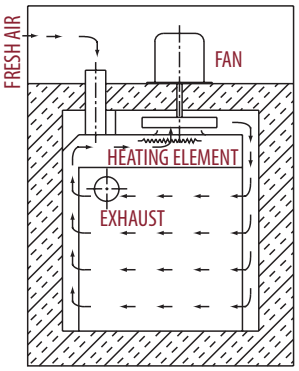
With horizontal airflow for ultimate temperature uniformity

HSCO oven User horizontal recirculating airflow to ensure uniform temperatures throughout the oven.
A high-volume fan circulates air through perforated, stainless steel walls to create a constant horizontal airflow across all sections of the oven. The result is proven reliability in demanding production and laboratory applications such as curing, drying, sterilizing, aging and other process-critical procedures.



control. Panel is a microprocessor-based temperature and hi-limit controller with large LCD display and real time clock for auto start capability. The LCD display shows temperature readings along with clear, detailed information on oven status. Protocol 3™ features three operating modes for quick and easy operation:

Easy to clean and service. Cleaning is easy due to the scratch-resistant, baked enamel exterior, 304 stainless steel interior, and smooth door surface. Servicing is easy due to convenient top access to the heater and fan.

Superior quality. The Airflow oven features sturdy, welded, double-wall construction, of glass fiber insulation

FEATURES AT A GLANCE

- Maximum temperature of 260˚C (500˚F)
- Horizontal recirculating airflow
- High limit over-temperature protection
- Robust type 304 stainless steel interior
- 1 year heater warranty (Excluding electrical Parts)

HSCO

Forced Air Recirculation Industrial Ovens

HSCO, ovens have been carefully designed, utilising the very latest computer optimisation and drawing techniques, to represent the current 'State of the Art' in curing, heating and drying oven design.

HSCO Ovens are of the hot air recirculation type. With this design, the Oven interior is heated by a fan assisted convection process. The heated air is constantly recycled around the Oven's interior to maintain superb temperature consistency. Fuel consumption is considerably lower than would be expected with the other types of oven (such as Radiant of Infra Red). This is because in normal use, the oven operates at considerably reduced power to simply maintain its internal temperature.

HSCO Air recirculation ovens are very flexible. As well as offering a huge standard product range, our modular design concept, also enables us to easily manufacture Ovens to suit specific customer requirements. This concept enables us to offer superb specification and price as well as fast delivery.

HSCO Oven systems offer simple and very accurate digital temperature control. A huge choice of more sophisticated control options is also available. The ovens are exceptionally fuel efficient and responsive due largely to our utilisation of the latest burner or heater technology as well as the oven's fully integrated, insulated construction.

HSCO Ovens are the safest units currently available. They incorporate electronic over temperature protection, electronic fan sensors, a powered fume exhaust system, an internal safety handle to prevent operator entrapment, a disintegration type Explosion Relief system, an automatic fume purge system and a sophisticated 3-way safety system on our powered door versions.

Applications:

HSCO Ovens are intended for all Industrial Drying, Stoving, Curing and Heating applications from 30˚ to 450˚ Centigrade. These include:

- Paint Stoving
- Epoxy/Polyester Powder Curing
- Lacquer Drying
- Hydrosetting
- Battery processing
- Moisture removal
- Plastic Curing
- Rubber softening
- Metal annealing
- Spring stress relieving