



# WISCONSIN OVEN

## STL SERIES STANDARD TOP LOAD OVEN

*The Standard Top Load (STL) can be used for drying, curing composites, assorted paint curing and other heating applications. It is commonly used in the petroleum industry for the burn-in and qualification testing of down-hole electronic logging equipment.*



### Features:

- Ovens may be connected end-to-end to accommodate longer products
- Four (4) sizes available - 2.7 to 12 ft<sup>3</sup>
- Maximum temperature - 500° F
- Horizontal air flow
- Excellent temperature uniformity
- Exclusive 3-Year WOW™ warranty

### Options:

- Digital programmable controller
- Process timer
- Disconnect switch
- Chart recorders/data acquisition
- Access ports
- Liquid nitrogen cooling system
- Many other options available upon request

**DataSense**  
TECHNOLOGIES

Available with DataSense™  
Technologies IoT Based  
Performance Monitoring System



2675 Main Street • PO Box 873 • East Troy, WI 53120  
sales@wisoven.com • 262-642-3938



Wisconsin Oven is a brand of  
Thermal Product Solutions, LLC

924-STL-06/22



# WISCONSIN OVEN

## STL SERIES STANDARD TOP LOAD OVEN

### Standard Features

The STL is an electrically heated convection oven. It features heavy duty construction in a unique configuration which allows processing of top-loaded part packages (i.e. tubing, extrusions, railings, etc.) which are long and narrow. The oven features horizontal air flow through the work chamber, complete with adjustable louvers. This type of uniform airflow is ideal for a wide variety of load conditions.

The STL offers a compact space saving design. With the standard removable end caps, several ovens can be placed end-to-end to accommodate larger parts. The end caps may be machined, to allow insertion of instruments, testing leads, or tooling.

Micro-processor based digital instrument with an SSR power controller allows for accurate temperature management. A separate high limit instrument with manual reset provides over-temperature protection. The ovens are designed with replaceable door seals, and easy access for maintenance.



### STL Series (Standard Top Load) Specifications

Model	STL-09686	STL-12086	STL-14486	STL-1441212
<b>Work Chamber Dimensions</b>				
Width	96"	120"	144"	144"
Depth	8"	8"	8"	12"
Height	6"	6"	6"	12"
<b>Overall Dimensions</b>				
Width	98"	122"	146"	146"
Depth	24"	24"	24"	30"
Height	36"	36"	36"	42"
<b>Heating System</b>				
	10 kW	10 kW	12 kW	12 kW
<b>Recirculation System</b>				
	1,000 CFM / 1.5 HP	1,000 CFM / 1.5 HP	1,700 CFM / 3 HP	1,700 CFM / 3 HP
<b>Voltage</b>				
	240 / 3 / 60	240 / 3 / 60	240 / 3 / 60	240 / 3 / 60

Note: Overall Dimensions are approximate



2675 Main Street • PO Box 873 • East Troy, WI 53120  
sales@wisoven.com • 262-642-3938

