

**SUN-SPOT**<sup>®</sup>

**FAST  
CATALYTIC  
PAINT DRYING  
SYSTEM**

*NOT JUST FAST*  
**SPOT-ON!**

# WE ARE WAY AHEAD OF OUR TIME!

With more than 20 years experience in design and manufacturing of drying systems, Sun-Spot infrared gas catalytic drying pads that simply outperform the competition.

Our flameless heaters are innovative, adaptable, inexpensive, eco-responsible, easy to use, cost-efficient products for all applications requiring high performance drying and curing solutions.

## IT'S ALL ABOUT THE ENVIRONMENT

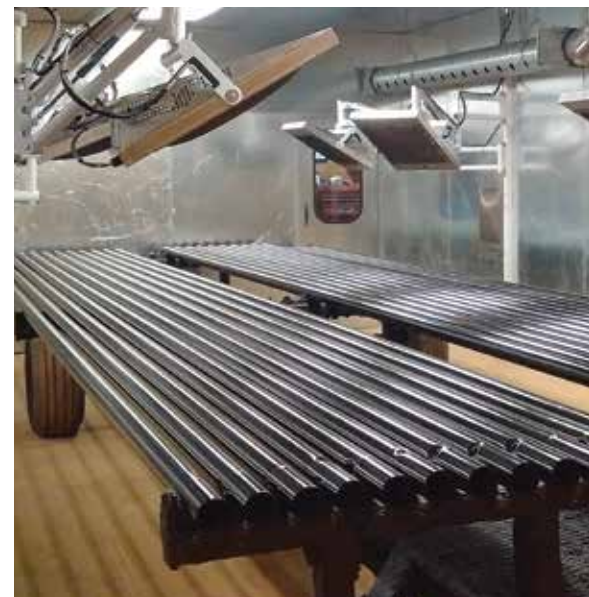
- An eco-responsible system that protects the environment.
- Volatile organic compounds (VOCs), solvents and other polluting chemicals are decomposed at the molecular level.
- Catalytic combustion of natural or propane gas generates exclusively carbon dioxide (CO<sub>2</sub>) and water vapour (H<sub>2</sub>O).
- System eliminates emissions of carbon monoxide, nitrogen oxides and unburnt hydrocarbons into the atmosphere.
- Flameless clean combustion no CO emission, No NOX.
- Green business certified, a recognition awarded to environmentally conscious and responsible businesses.



**WATER &  
SOLVENT  
BASED**

# BENEFITS TO SAVE TIME AND MONEY

- Propane or natural gas.
- Reduced Gas consumption to less than 1\$ CAD per hour.
- Energy efficient up to 80% more cost-efficient and four times faster than hot air convection systems.
- Minimal maintenance and life span of up to 20 years.
- Easily installed in existing ovens and drying booths.
- One for all coatings.
- Shorter drying time increases production profit - 4 to 12 minutes (cycles time).
- Saves Floor Space (reduces the space required for drying).
- The systems are very flexible. They can be used in any kind of environment.
- Plug and play concept.



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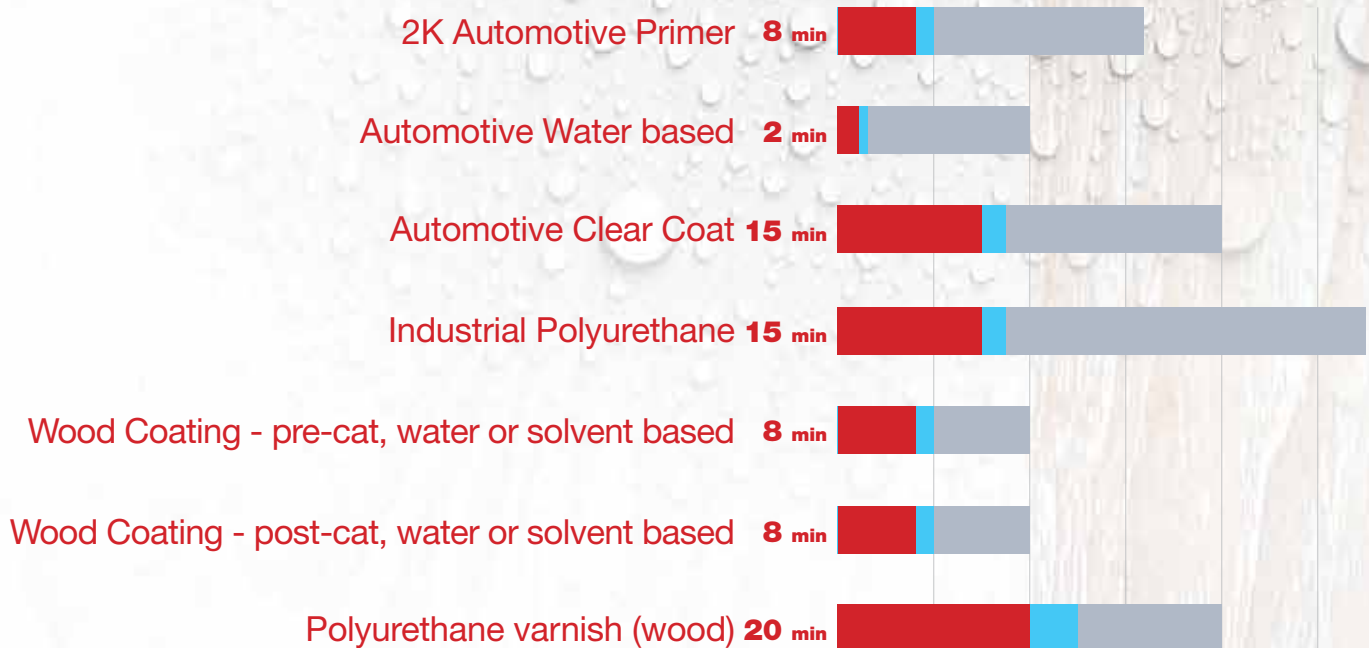
## REDUCED RUNNING COST

Up to **80%**  
Convection (hot air)

Up to **60%**  
Electric (short infrared)

**HT-200** Foot Print - 4' x 8' (1250mm x 2450mm)

### SUN-SPOT CURING TIME / HT-200 VS IR Short Wave and Convection



IR MEDIUM WAVE (SUN-SPOT) ■

IR SHORT WAVE - ELECTRIC ■

CONVECTION (HOT AIR) ■

10

20

30



60

70

80

TIME OF POLYMERISATION (MIN)

# REVOLUTIONARY CATALYTIC DRYING SYSTEMS

- Our **HT-200** products are high performance flameless catalytic infrared heaters.
- The technology uses a mixture of fresh air and gas to generate effective infrared medium waves.
- The Sun-Spot pads produce tremendous but controlled heat within the film that forces the curing of any type of organic coating through molecular excitation.
- This action drives the water or the solvent out of the coating film and dries up to 4 times faster than standard convection heaters.
- Each thermo heating pad (20" X 20" / 508 mm X 508 mm) is mounted on a flexible arm allowing movement in all directions, 60" (1520 mm) span and 180° angle rotation.
- A built-in pyrometer monitors and controls the surface temperature to avoid overheating with an accuracy of  $\pm 3^{\circ}\text{F}$  ( $\pm 1.6^{\circ}\text{C}$ ).
- Patented & approved CSA (US – CAN) and CE International.



**SUN-Spot**<sup>®</sup>  
Fast Catalytic Paint Drying System

# BREAKTHROUGH TECHNOLOGY FOR A WIDE VARIETY OF INDUSTRIES

## **APPLICATIONS**

- Woodworking
- Kitchen Cabinets
- Doors & Windows
- Steel, Plastic, Fiberglass & Composite
- Aerospace, Automotive & Marine

## **THE ONE & ONLY CURING CONCEPT**

Discover the many advantages of our fast catalytic drying system. Contact one of our sales representatives and start saving money.

### **Sun-Spot Head Office**

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**SUN-SPOT<sup>®</sup>**

Fast Catalytic Paint Drying System



**Flameless**  
100% safe to use

