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$_2$) and water vapour (H$_2$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.
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.
NOT JUST FAST
SPOT-ON!
### 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

<table>
<thead>
<tr>
<th>Material</th>
<th>Convection Time</th>
<th>IR Short Wave Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2K Automotive Primer</td>
<td>8 min</td>
<td></td>
</tr>
<tr>
<td>Automotive Water based</td>
<td>2 min</td>
<td></td>
</tr>
<tr>
<td>Automotive Clear Coat</td>
<td>15 min</td>
<td></td>
</tr>
<tr>
<td>Industrial Polyurethane</td>
<td>15 min</td>
<td></td>
</tr>
<tr>
<td>Wood Coating - pre-cat, water or solvent based</td>
<td>8 min</td>
<td></td>
</tr>
<tr>
<td>Wood Coating - post-cat, water or solvent based</td>
<td>8 min</td>
<td></td>
</tr>
<tr>
<td>Polyurethane varnish (wood)</td>
<td>20 min</td>
<td></td>
</tr>
</tbody>
</table>

---

**IR MEDIUM WAVE (SUN-SPOT)**

**IR SHORT WAVE - ELECTRIC**

**CONVECTION (HOT AIR)**

<table>
<thead>
<tr>
<th>Time of Polymerisation (Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

---

**SUN Spot**
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 ± 3°F (± 1.6°C).
- Patented & approved CSA (US – CAN) and CE International.
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.