Maximize Your Radiant Tube Furnace

Same Day Furnace Savings

**TIME**
- More Uptime and More Throughput

**ENERGY**
- Real Energy Savings

**EMISSIONS**
- Sustainable Production

**MAINTENANCE WORKS**
- High-Performance, Low Maintenance

**Fits Any Exhaust**
- Can be Pre-Installed

Our promise:
To simply and ingeniously reduce energy use and emissions.

SpyroCor®
Radiant tube inserts

SpyroCor®

Reduces CO₂ & NOₓ Emissions

Saint-Gobain
Performance Ceramics & Refractories
We don’t make the furnace... ...we make it PERFORM

How it works
SpyroCor® systems install in the exhaust leg of a radiant tube. The patented twist design and silicon carbide formulation significantly enhances heat release into your furnace. Therefore we can promise life-long energy & operating savings, throughput increase, and reduced emissions.

18 Month Average ROI*

*This represents an average ROI. The actual ROI may vary depending on operating conditions, market location, and other factors.

About SpyroCor®
The patented spiralCor® design allows for uniform heat release across the radiant tube, and can be customized to accommodate all sizes and configurations.

Features
• Durable silicon carbide material
• Patented twisted fin design for maximum surface area
• Alloy locator rod holds SpyroCor® inserts in place
• Can be custom sized to fit any radiant tube

Benefits
• Increase heat output
• Perfectly even heat distribution
• Thermal shock resistant
• Easy, do-it-yourself installation
• Long product lifetime that outlasts the life of your radiant tubes

Compare the Difference
A Traditional Radiant Tube Furnace

<table>
<thead>
<tr>
<th>50% WASTED ENERGY</th>
<th>220,000 BTU</th>
<th>110,000 BTU</th>
<th>45,000 BTU</th>
</tr>
</thead>
</table>

Radiant Tube Furnace with SpyroCor®

Increase Throughput*

<table>
<thead>
<tr>
<th>SAME ENERGY INPUT</th>
<th>220,000 BTU</th>
<th>125,000 BTU</th>
<th>13.64% MORE HEAT INTO FURNACE</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.6% LESS WASTED ENERGY</td>
<td>95,000 BTU</td>
<td>60,000 BTU</td>
<td></td>
</tr>
</tbody>
</table>

- OR -

Reduce Energy Consumption*

<table>
<thead>
<tr>
<th>12.0% LESS ENERGY USED</th>
<th>193,600 BTU</th>
<th>110,000 BTU</th>
<th>SAME AVAILABLE HEAT INTO FURNACE</th>
</tr>
</thead>
<tbody>
<tr>
<td>24.0% LESS WASTED ENERGY</td>
<td>83,600 BTU</td>
<td>53,000 BTU</td>
<td></td>
</tr>
</tbody>
</table>

More Uniform Heat Released

* This comparison is based on a traditional radiant tube furnace. Your results may vary.

Call Today
We work with your team to maximize your savings. For more information on SpyroCor® radiant tube inserts and other energy saving products offered, visit our website at www.ceramicsrefractories.saint-gobain.com

Saint-Gobain Performance Ceramics & Refractories
One New Bond Street P.O. Box 15136, Worcester, MA 01615-0136 USA
Phone: +1 508.795.5577 • Fax: +1 508.795.5011

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