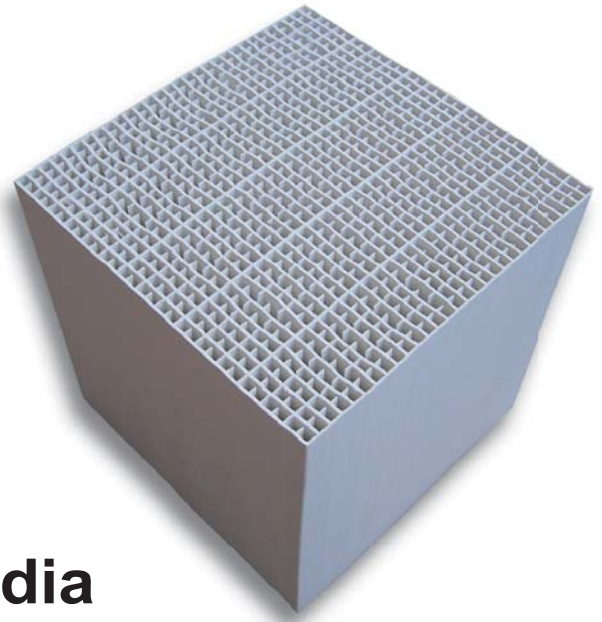


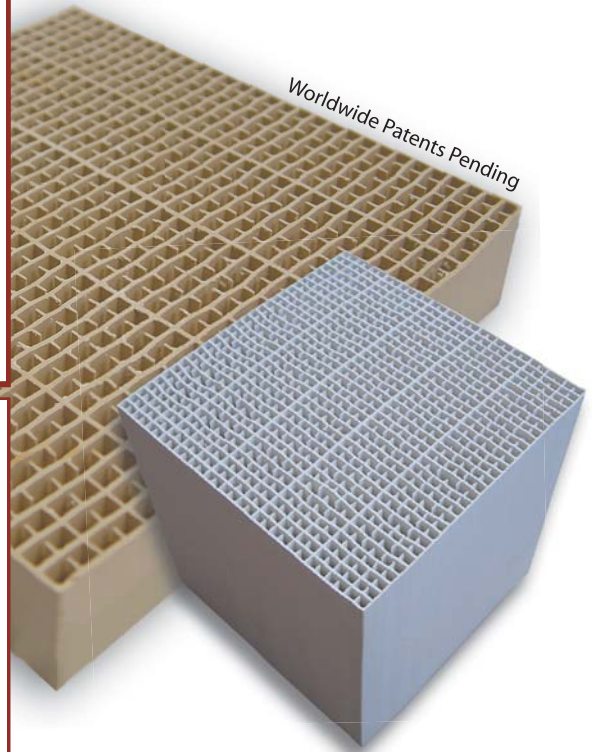
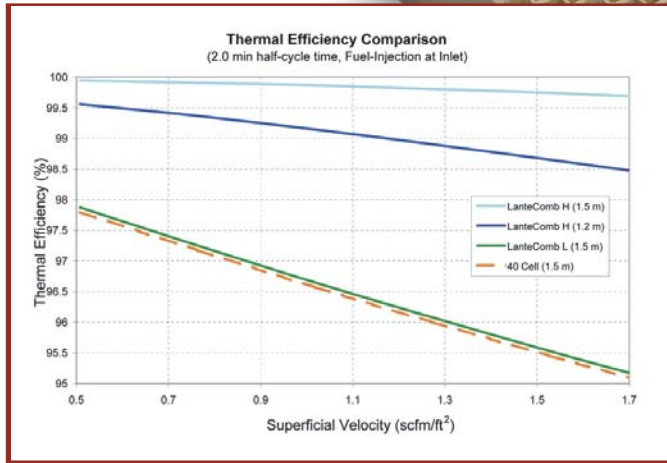
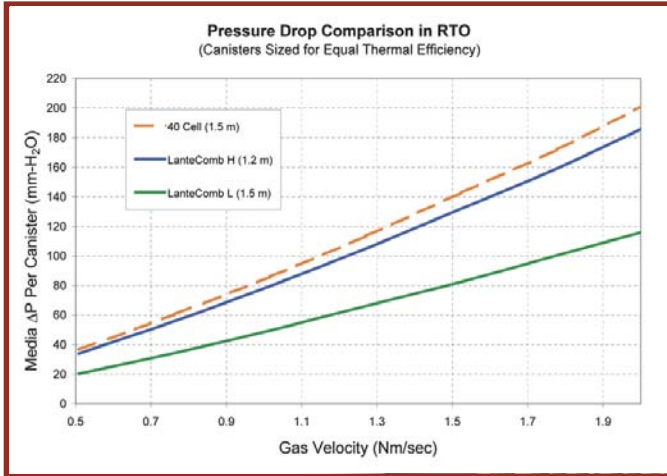
# The RTO Revolution has begun



**LanteComb**  
**New Heat Recovery Media**  
Worldwide Patents Pending

The World's Best Heat Recovery Media for RTOs

# LanteComb performance data



## LanteComb Properties

### LanteComb-H

Void fraction: 68%  
Heat capacity: 812 KJ/m<sup>2</sup> °C

### LanteComb-L

Void fraction: 77%  
Heat capacity: 600 KJ/m<sup>2</sup> °C

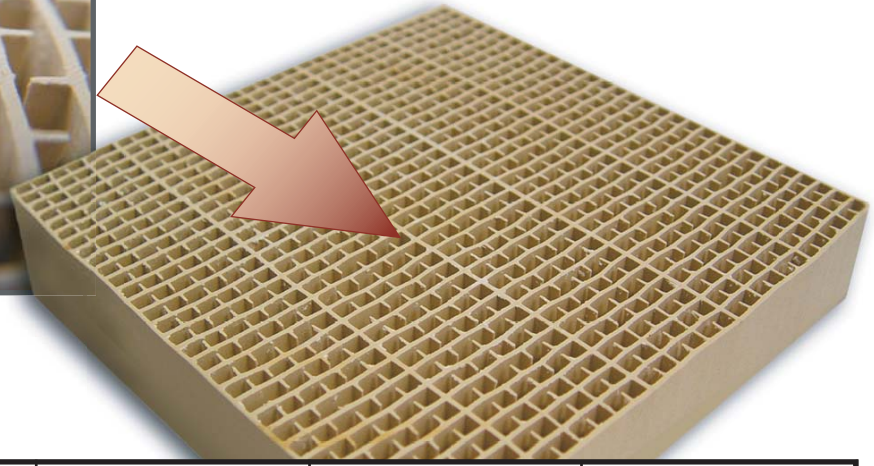
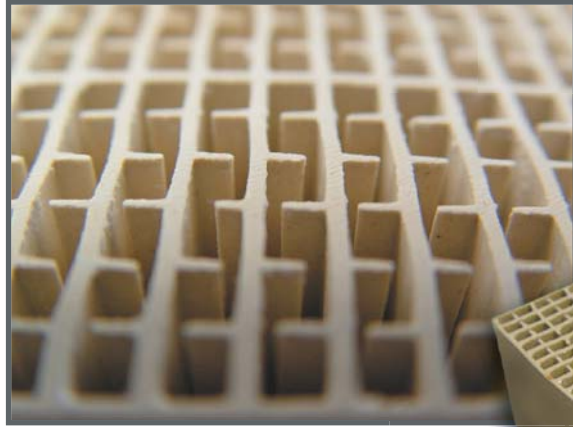
Module size:	150 mm x 150 mm x 150mm
Wall thickness:	0.8 mm
Material:	cordierite ceramic
Max working temp:	1300 °C

Think Big! Less is More!

# Achieving your heat recovery target:

*Worldwide Patents Pending*

# LESS is more!



## Examples for 95% TER (with fuel gas injection)

Superficial Velocity	0.71 Nm <sup>3</sup> /m <sup>2</sup> s	0.94 Nm <sup>3</sup> /m <sup>2</sup> s	1.41 Nm <sup>3</sup> /m <sup>2</sup> s	1.65 Nm <sup>3</sup> /m <sup>2</sup> s
<b>40 Cell</b> Media Depth Pressure Drop	1.22 m 97 mm-wc	1.28 m 145 mm-wc	1.40 m 262 mm-wc	1.43 m 323 mm-wc
<b>LanteComb</b> Media Depth Pressure Drop	<b>0.64 m</b> <b>58 mm-wc</b>	<b>0.67 m</b> <b>89 mm-wc</b>	<b>0.73 m</b> <b>157 mm-wc</b>	<b>0.76 m</b> <b>198 mm-wc</b>

<p><b>Traditional honeycomb:</b> Conventional monolith honeycombs have closed cells which constrict air flow.</p>	<p><b>NEW LanteComb:</b> Inter-connectivity of cells allows unrestricted air flow, leading to higher thermal efficiency with lower ΔP.</p>

LanteComb is a technological breakthrough in structured heat recovery media for RTOs.

Its interconnected cell structure creates performance advantages never before seen in the RTO industry.

# substantial **HEAT RECOVERY** improvement

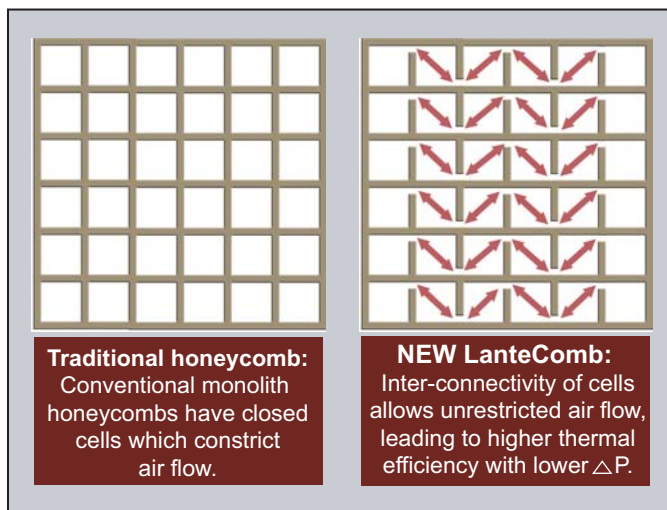
## when using LanteComb in RTO Retrofits

Replacing media with **LanteComb**  
will produce up to 3-8% rise in TER, leading to  
significant annual end user fuel cost savings\*:

**\$70,000 - \$160,000**

Media Cost:  
\$50,000 to \$150,000

\*Based on a 20,000 SCFM RTO running 24/7 @\$6.90/MMBTU



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