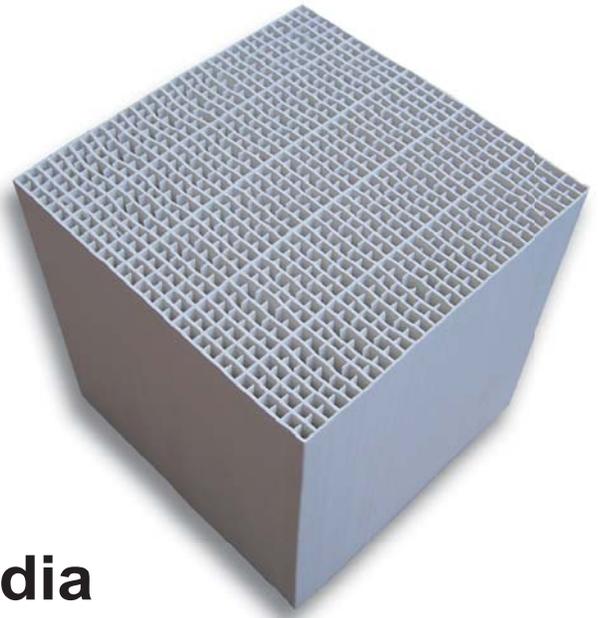


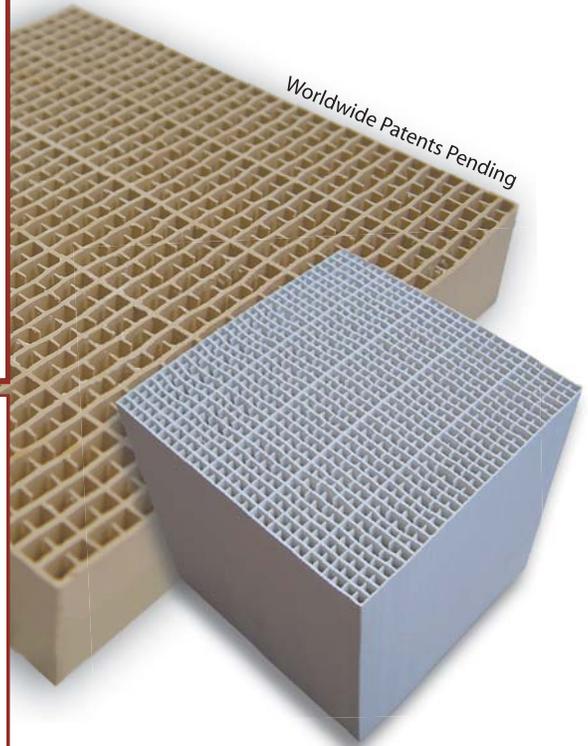
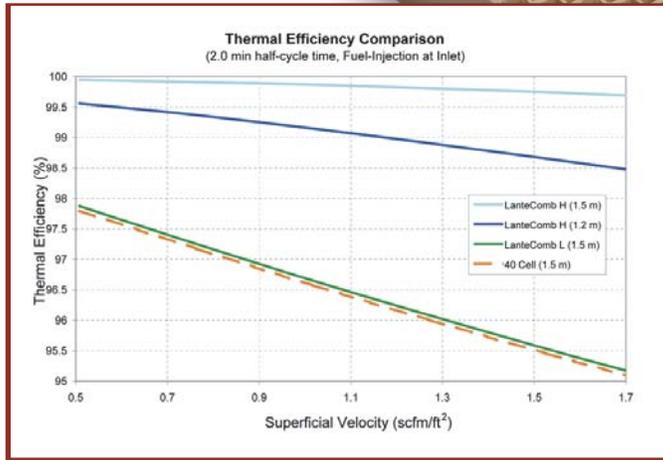
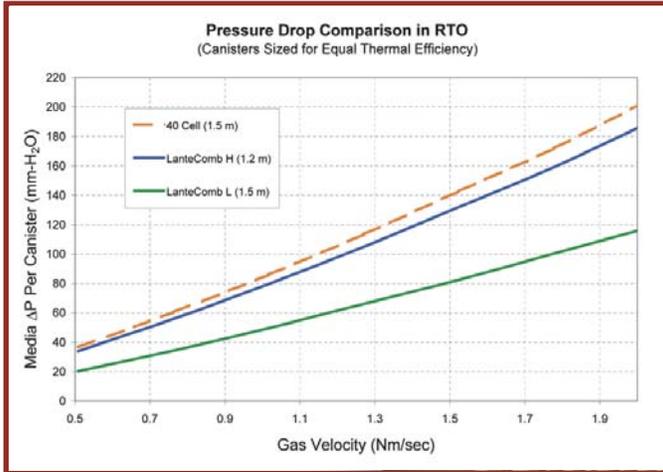
The RTO Revolution has begun



LanteComb
New Heat Recovery Media
Worldwide Patents Pending

The World's Best Heat Recovery Media for RTOs

LanteComb performance data



LanteComb Properties

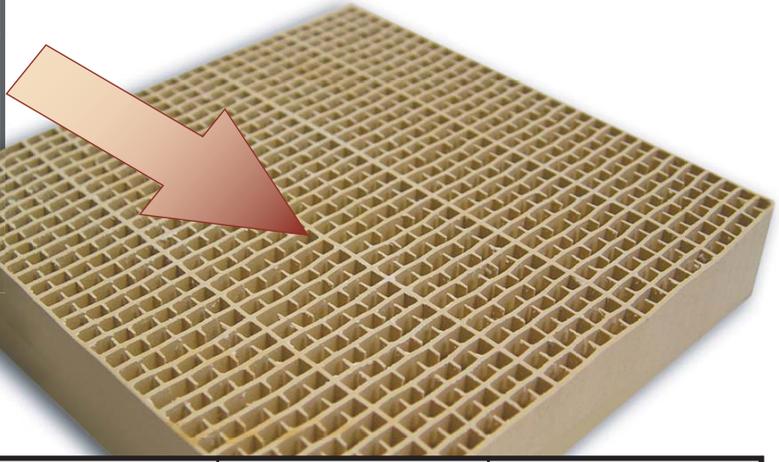
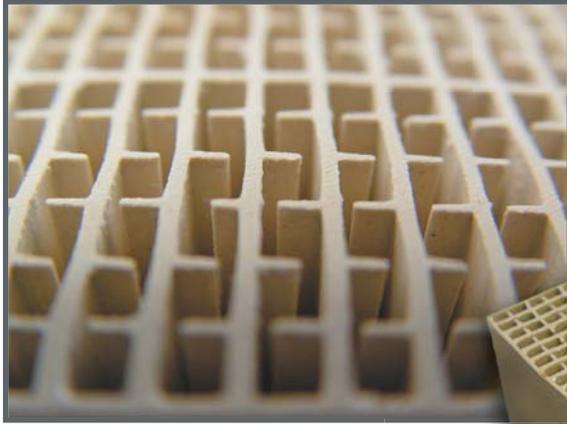
- Void fraction: 68%
- Heat capacity: 812 KJ/m² °C
- Module Size : 150 mm x 150 mm x 150 mm
- Wall Thickness : 0.8 mm
- Material : cordierite ceramic
- Max working temp : 1300 °C

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 ³ /m ² s	0.94 Nm ³ /m ² s	1.41 Nm ³ /m ² s	1.65 Nm ³ /m ² s
40 Cell 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
LanteComb Media Depth Pressure Drop	0.64 m 58 mm-wc	0.67 m 89 mm-wc	0.73 m 157 mm-wc	0.76 m 198 mm-wc

<p>Traditional honeycomb: Conventional monolith honeycombs have closed cells which constrict air flow.</p>	<p>NEW LanteComb: 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

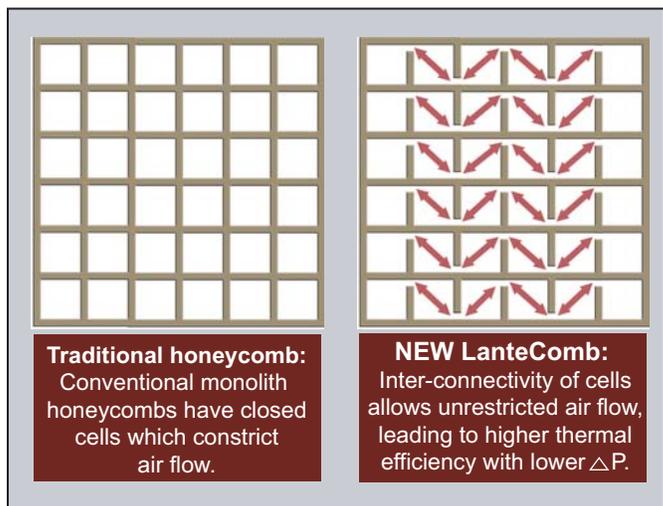
when using LanteComb in RTO Retrofits

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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