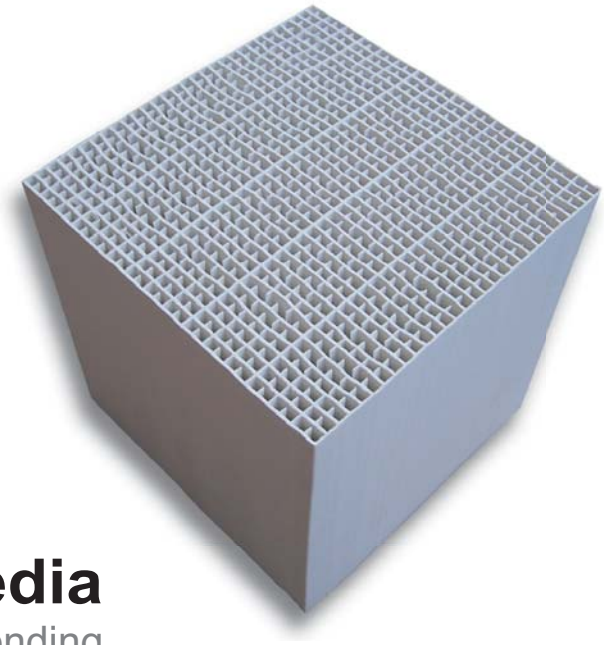
The RTO Revolution has begun



LanteComb

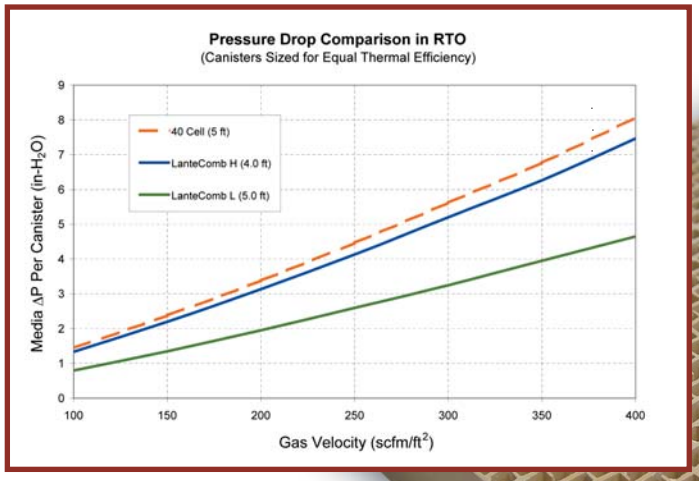
New Heat Recovery Media

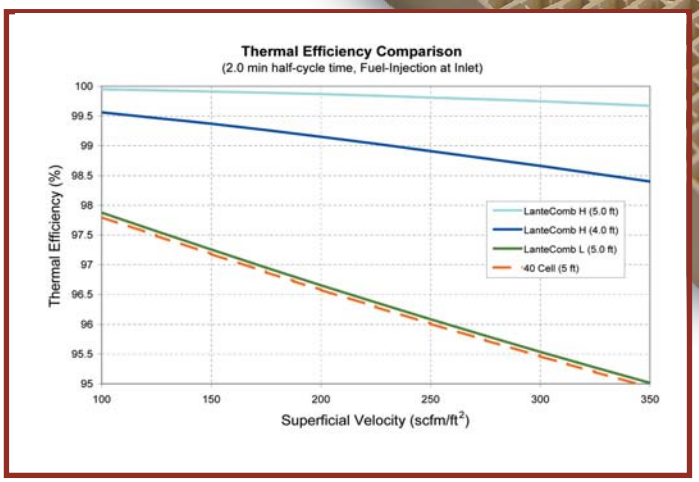
Worldwide Patents Pending

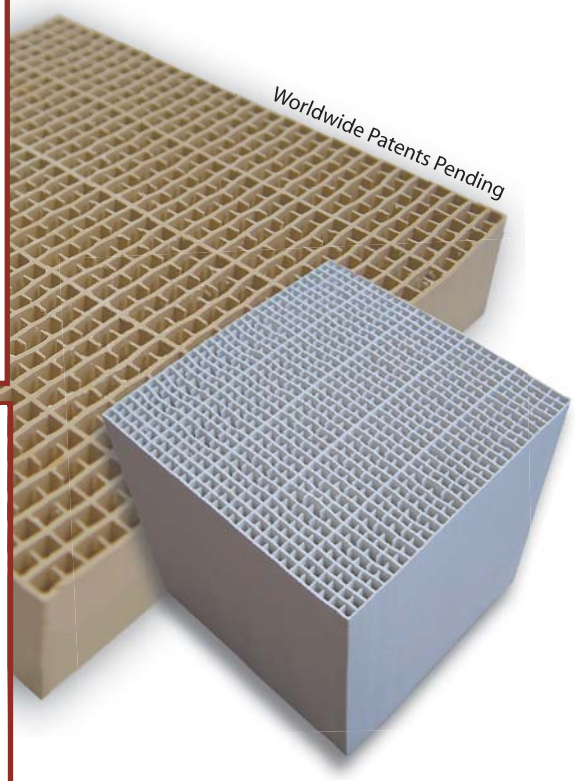
The World's Best Heat Recovery Media for RTOs

LanteComb Heat Recovery Media

LanteComb performance data







LanteComb Properties

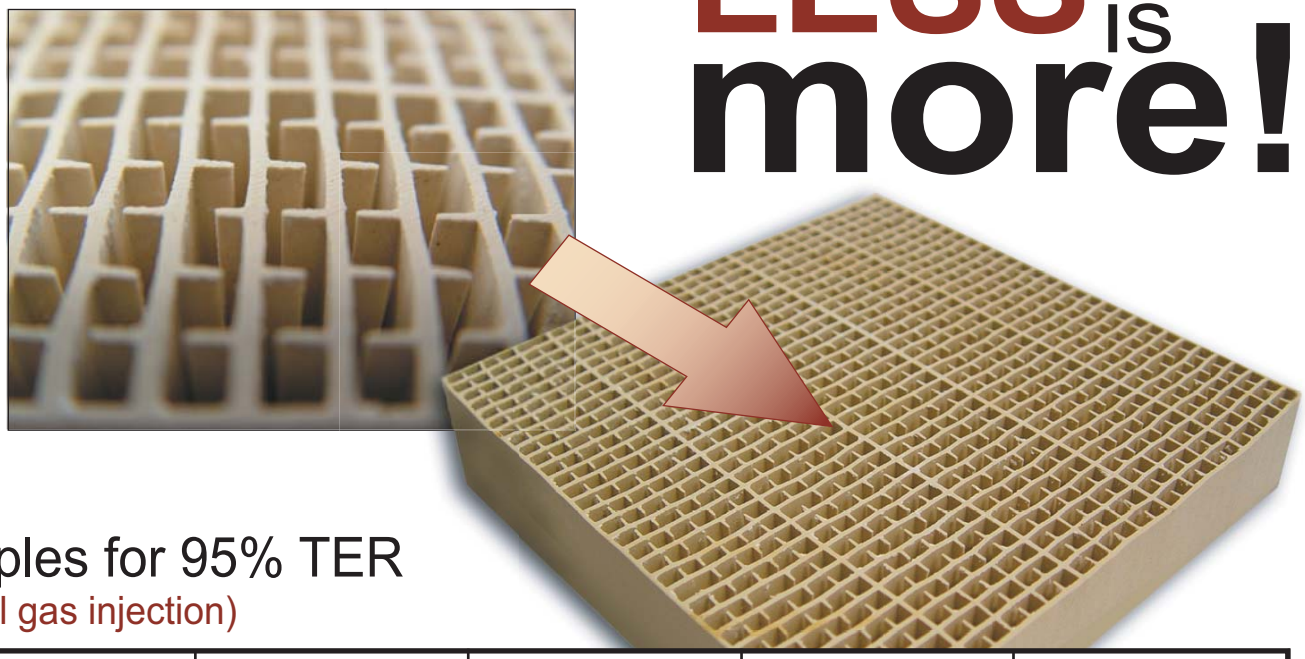
LanteComb-H	**LanteComb-L**
Void fraction: 68%	Void fraction: 77%
Heat capacity: 12.1 BTU/f^3 ^{o}F	Heat capacity: 8.9 BTU/f^3 ^{o}F

Module size:	150 mm x 150 mm x 150mm
Wall thickness:	0.8 mm
Material:	cordierite ceramic
Max working temp:	2370 ^{o}F

Think Big! Less is More!

Achieving your heat recovery target:

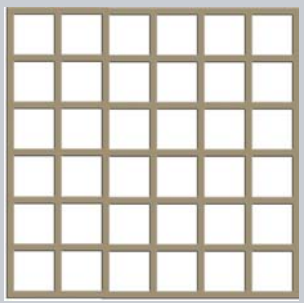
Worldwide Patents Pending



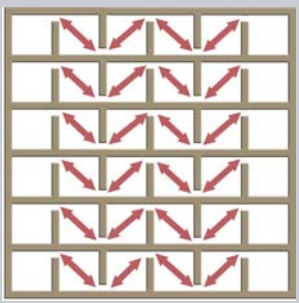
LESS is more!

Examples for 95% TER
(with fuel gas injection)

Superficial Velocity	**150** scfm/ft^2	**200** scfm/ft^2	**300** scfm/ft^2	**350** scfm/ft^2
40 Cell Media Depth Pressure Drop	4 ft 3.8 in-wc	4.2 ft 5.7 in-wc	4.6 ft 10.3 in-wc	4.7 ft 12.7 in-wc
LanteComb Media Depth Pressure Drop	**2.40 ft 2.6 in-wc**	**2.52 ft 3.9 in-wc**	**2.76 ft 7.2 in-wc**	**2.82 ft 8.8 in-wc**



Traditional honeycomb: Conventional monolith honeycombs have closed cells which constrict air flow.



NEW LanteComb: Inter-connectivity of cells allows unrestricted air flow, leading to higher thermal efficiency with lower △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.

LANTEC Products Incorporated
SALES: 50 Redfield, Suite 207, Boston, MA 02122
Tel: 617.265.2171
www.lantecp.com

substantial HEAT RECOVERY improvement

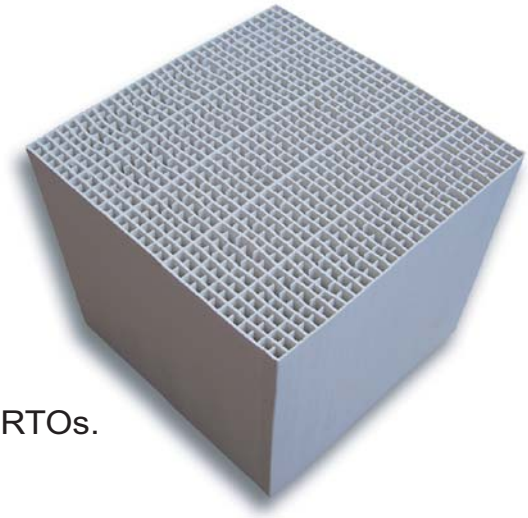
when using LanteComb in RTO Retrofits

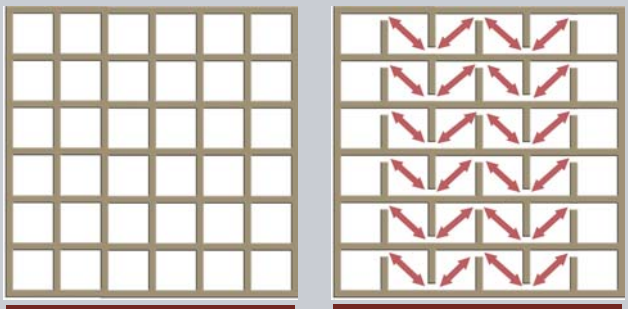
Replacing media with **LanteComb** will produce up to 3-8% rise in TER, leading to significant annual end user fuel cost savings*:

$70,000 - $160,000

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

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





Traditional honeycomb: Conventional monolith honeycombs have closed cells which constrict air flow.

NEW LanteComb: Inter-connectivity of cells allows unrestricted air flow, leading to higher thermal efficiency with lower △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.

LANTEC Products Incorporated
sales@lantecp.com
www.lantecp.com