



Smile!

Smile every time fuel prices increase. Because your advantage over the competition just increased.

## Advantages

- Low Fuel Cost
- Higher Productivity
- Improved Quality  
and much more

### **EASTERN's 600 Series**

recuperator gives you an unparalleled advantage with low fuel costs, higher productivity, better quality and much more. With air preheats upto 85% of flue inlet temperature, you get higher flame temperature, higher thermal input, better charge heating, lesser emissions and of course, significantly lower fuel consumption.

It can be installed with most existing furnaces. The EASTERN 600 comes in customized, factory insulated, ready to install package for fast and easy installation.

Call us to improve your competitive advantage and **Keep Smiling .....**



## % FUEL SAVING WITH PREHEATED COMBUSTION AIR

Flue Gas Temp (°C)	Recuperated Air Preheat Temperature °C								
	300	350	400	450	500	550	600	650	700
450	12.8	14.7	16.6						
500		15.0	17.0	18.8					
550		15.5	17.4	19.3	21.1				
600			17.9	19.9	21.7	23.4			
650			18.4	20.4	22.2	24.0	25.6		
700				20.9	22.9	24.7	26.3	27.3	
750				21.5	23.4	25.3	26.9	28.2	
800				22.1	24.1	26.0	27.7	29.0	30.5
850					24.9	26.8	28.9	29.7	32.3
900						27.5	29.3	30.5	32.1
950						28.5	30.3	31.4	33.0
1000							31.2	32.3	33.9

**UPGRADE TO A  
600 SERIES**

## **Our range of RECUPERATORS**

- Convection Recuperators
- Radiation Recuperators
- Infinity Recuperators
- Ceramet Recuperators
- Combined Recuperators

## **Other Products**

- Air Preheaters
- Forced Draft Gas Coolers

# **EASTERN**

[www.recuperators.in](http://www.recuperators.in)

**EASTERN EQUIPMENT & ENGINEERS PVT. LTD.**  
12, Pretoria Street  
Kolkata - 700 071  
INDIA

Ph.: +91 33 2290 0187/88  
Fax: +91 33 2248 7130  
Mail: [central@recuperators.in](mailto:central@recuperators.in)  
Web: [www.recuperators.in](http://www.recuperators.in)