

# TOWARDS A BETTER TOMORROW



RECUPERATOR  
GAS-COOLER  
AIR-PREHEATER

Save Fuel

Reduce Carbon Footprint



## RANGE OF RECUPERATORS

Convection Recuperators

Radiation Recuperators

Ceramic Recuperators

Infinity Recuperators

## OTHER PRODUCTS

Forced Draft Hot Gas Coolers

Indirect Fired Air Preheaters

# Convection Recuperators



- Upto 800°C Hot Air
- 40% Fuel Savings
- 85% Thermal Recovery
- 4 Months Payback



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Maximize your energy efficiency and reduce your fuel cost with high efficiency Eastern Recuperators.

### Eastern Advantages:

- World class recuperation technology
- 100% custom designed
- Tailor made for individual requirements
- 4500+ success stories worldwide
- 40+ years of experience
- Zero maintenance, Fit & Forget
- Worldwide after sales support

### % HEAT RECOVERY WITH PREHEATED COMBUSTION AIR

HOT AIR TEMPERATURE °C:-

	250	300	350	400	450	500	550	600	650	700	750	800	850
450	56	67											
500	50	60	70										
550	45	55	64	73									
600	42	50	58	67	75								
650		46	54	62	69	77							
700		43	50	57	64	71	80						
750		40	47	53	60	67	73	80					
800			44	50	56	63	69	75	81				
850			41	47	53	59	65	71	76				
900				44	50	56	61	67	72	78			
950				42	47	53	58	63	68	74	79		
1000				40	45	50	55	60	65	70	75	80	

FLUE GAS TEMPERATURE °C:-

1% FUEL IS SAVED WITH EVERY 20°C RISE IN HOT AIR TEMPERATURE

300 Series 400 Serie 600 Series



### The world counts on us:

