

**DO YOU
BURN
MONEY ?**



RECUPERATORS | AIR PREHEATERS | GAS COOLERS

% FUEL SAVING WITH PREHEATED COMBUSTION AIR

HOT AIR TEMPERATURE (°C)

		250	300	350	400	450	500	550	600	650	700	750	800	850
FLUE GAS TEMPERATURE (°C)	450	12.5	15	17.5										
	500	12.5	15	17.5	20									
	550		15	17.5	20	22.5								
	600			17.5	20	22.5	25							
	650				20	22.5	25	27.5						
	700				20	22.5	25	27.5	30					
	750					22.5	25	27.5	30	32.5				
	800						25	27.5	30	32.5	35			
	850							27.5	30	32.5	35	37.5		
	900								30	32.5	35	37.5	40	
	950									32.5	35	37.5	40	
1000										35	37.5	40	42.5	

1% FUEL IS SAVED WITH EVERY 18°C RISE IN HOT AIR TEMPERATURE

If the Air Preheat of your Recuperator compared to the Furnace Flue Gas temperature is not in the savings charts yellow zone.

YOU BURN MONEY

SAVE HEAT, FUEL, ENERGY & MORE



High Recovery Recuperators

Eastern 600 SERIES recuperators help you to stop this wastage. It gives high combustion air preheat in the yellow zone of the savings chart for lower specific fuel consumption, better combustion, better charge heating & lesser scale losses.

Preheat Air BF Gas/ PG/ Mixed Gas

We also offer recuperators to preheat BF Gas, Producer Gas & Mixed Gas along with combustion air recuperator for higher overall fuel savings & better furnace operations.



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