

**WORLD'S TOP 10 TEA PRODUCING COUNTRIES**



**REGISTERED OFFICE**

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An ISO 9001:2015 Certified EPC Company,  
IBR 1950, ASME, U,S, PP & R and PESO Certified Manufacturer

**SALES & MARKETING**

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**SecoMaX**

The most efficient way to generate hot air for the process industry



Modern way to dry TEA leaves & Coffee beans.

Indirect heating avoids the mixture of flue gas with TEA leaves and retains it's aroma.

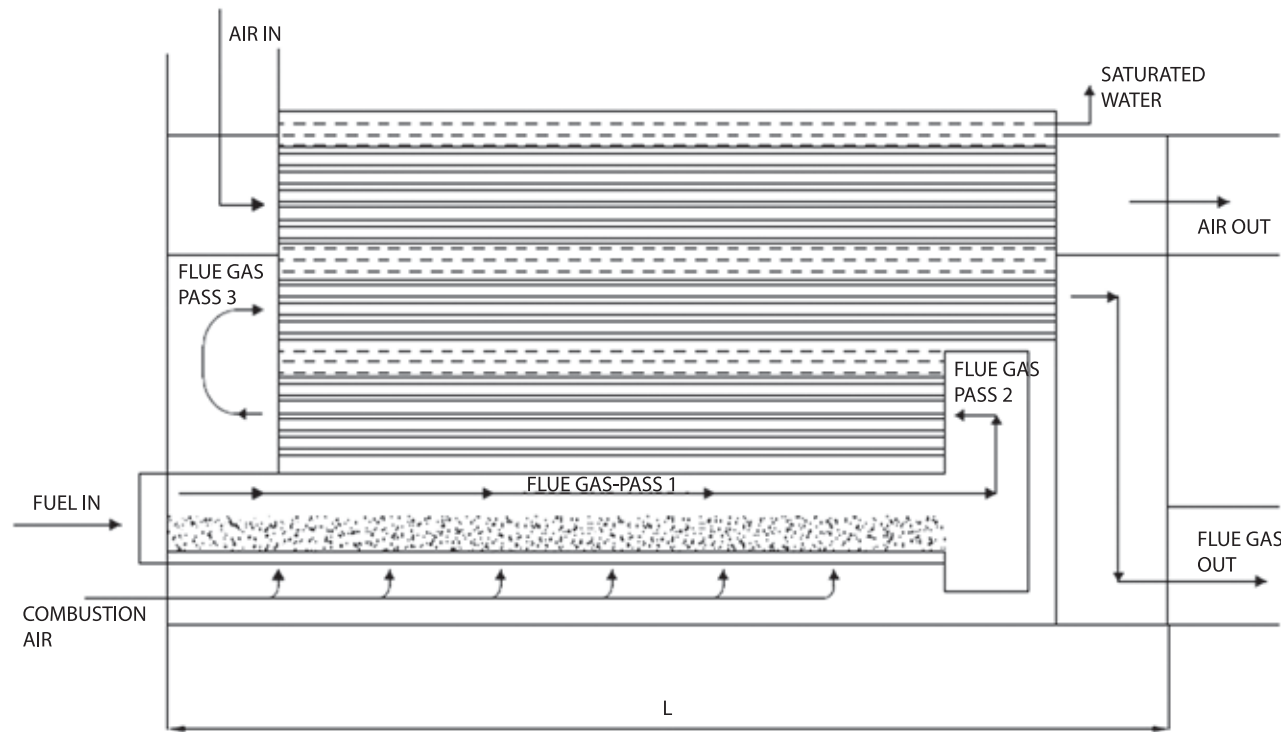
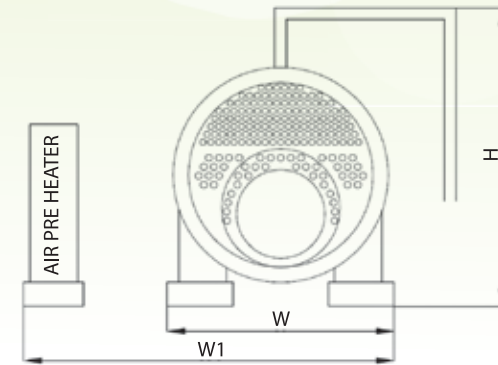
Heat transfer occurs from water to air hence fuel consumption is less.

We add value to your needs....



## PRINCIPLE OF OPERATION

SECOMAX operates in an indirect heating method in place of conventional air to air hot air generator. This method uses hot water (saturated water) as heating medium which in turn gives heat to air. The water gains heat from the flue gas and helps in maintaining the aroma of the TEA leaves intact.



## FEATURES

### Quality Output

Steady air temperature  
Zero contamination



### Ease of Operation & Maintenance

Flexibility & automation-fuel  
Covers all safety standards of manufacturing



### Low installation cost

No radiator piping  
Pre-Insulated  
Compact & easy to install



### Lower Utility Cost

High system efficiency  
Lower connected load  
85% Efficiency



## KEEPING AROMA INTACT

Indirect way of drying maintains the end product quality which brings more value to the produce.



## SPECIFICATIONS

Description	Unit	SE-40-SF	SE-70-SF	SE-100-SF	SE-125-SF
Process Air					
Capacity/Output	Kcal/hr	400,000	700,000	1000,000	1,250,000
Design Inlet Temperature	Deg C			25	
Design Outlet Temperature*	Deg C	130	133	133	138
Design Air Flow Rate*	Kg/hr	15625	26580	37970	45360
Fuel				Wood	
Thermal Efficiency\$	%			85	
Power supply			415 V or 380 V+/-6%, 50Hz+/-3%		
Electrical Connected Load			3Phase, 4 Wire		
Overall Dimensions#					
Length (L)	mm	5100	5300	6600	7200
Width (W)	mm	2000	2550	2700	2850
Height (H)	mm	2500	3050	3200	3350
Width (W1)	mm	3500	4000	4300	4600
Dry Weight - Unit	Kg	7800	11900	16000	19550
Foundation Weight - Unit	Kg	24000	38500	53500	65800

\*At operating steam pressure.

\$Efficiency is calculated based on NCV of wood as 2150 kcal/kg.

#All weights and dimensions mentioned above may vary from actual. Please refer to offer document for more