

## NUESTRO COMPROMISO CON LA CALIDAD

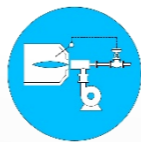
En Ingeneo, la calidad es el eje sobre el que desarrollamos nuestros proyectos.

Nuestro objetivo es alcanzar la excelencia en todos y cada uno de los aspectos que envuelven nuestro trabajo y la satisfacción de nuestros clientes.

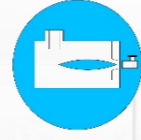
## OUR COMMITMENT TO QUALITY

In Ingeneo, quality is the axis in which we develop our projects.

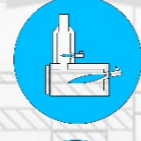
Our goal is to achieve excellence in each and every one of the aspects that involve our work and the satisfaction of our customers.



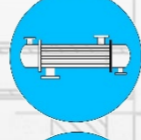
EQUIPOS DE COMBUSTIÓN  
COMBUSTION EQUIPMENT



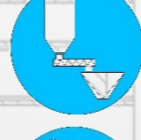
HORNOS INDUSTRIALES  
INDUSTRIAL KILNS



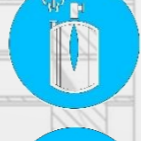
INCINERACIÓN/CREMACIÓN  
INCINERATION/CREMATION



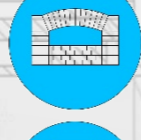
RECUPERACIÓN DE CALOR  
HEAT RECUPERATOR



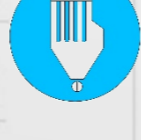
TRANSPORTE Y MANIPULACIÓN DE SÓLIDOS  
SOLIDS CONVEYING AND HANDLING



SOLUCIONES DE VAPOR  
STEAM SOLUTIONS



MATERIALES RFRACTARIOS  
REFRACTORY MATERIALS



DEPURACIÓN DE GASES  
FLUE-GAS CLEANING

# INGENEO

Solving Industrial Challenges



INSTITUTO DE LA INGENIERIA  
DE ESPAÑA



PYME INNOVADORA

Válido hasta el 31 de marzo de 2025



Asebec

Asociación Española de Fabricantes  
de Maquinaria y Bienes de Equipo  
para la Industria Cerámica

INGENEO EQUIPOS INDUSTRIALES, S.L.

Calle San Luis 15, 1º B  
12001 Castellón (Spain)

+34 964 107 140

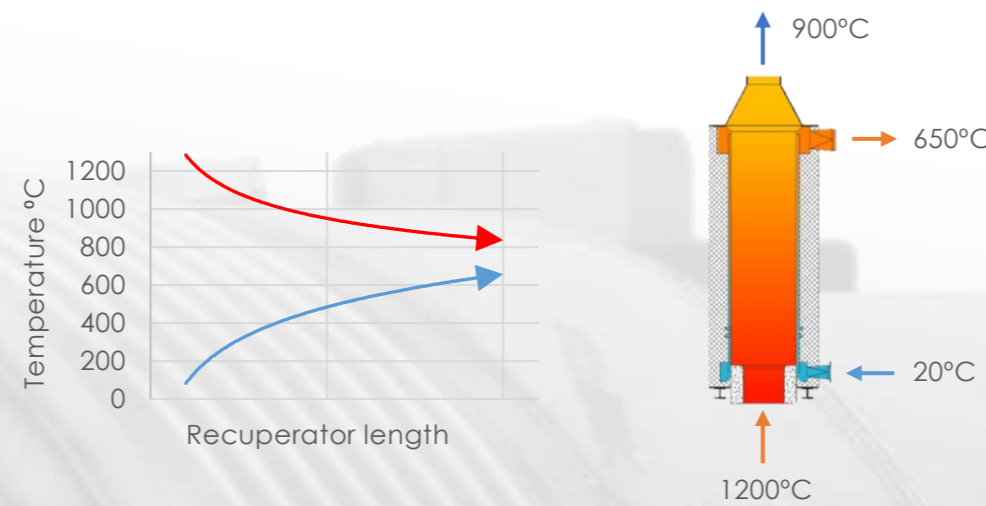
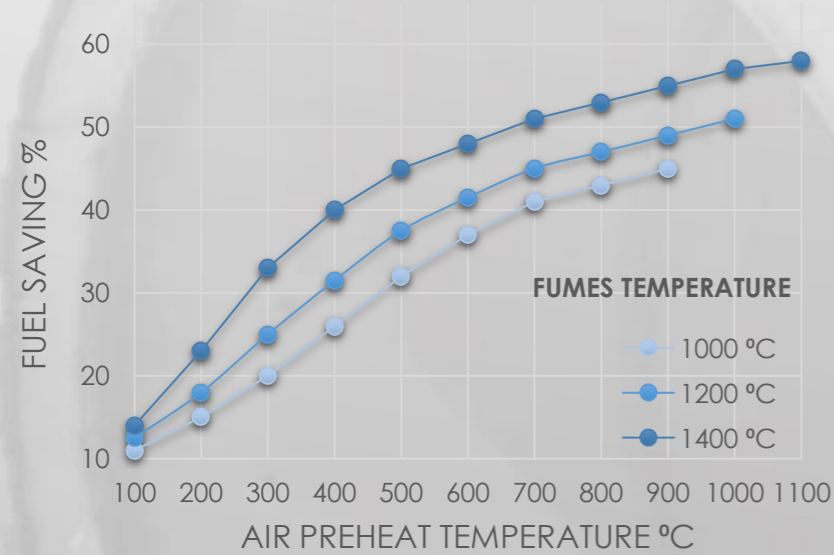
info@ingeneo.tech

www.ingeneo.tech

RECUPERADORE DE CALOR  
HEAT RECUPERATORS

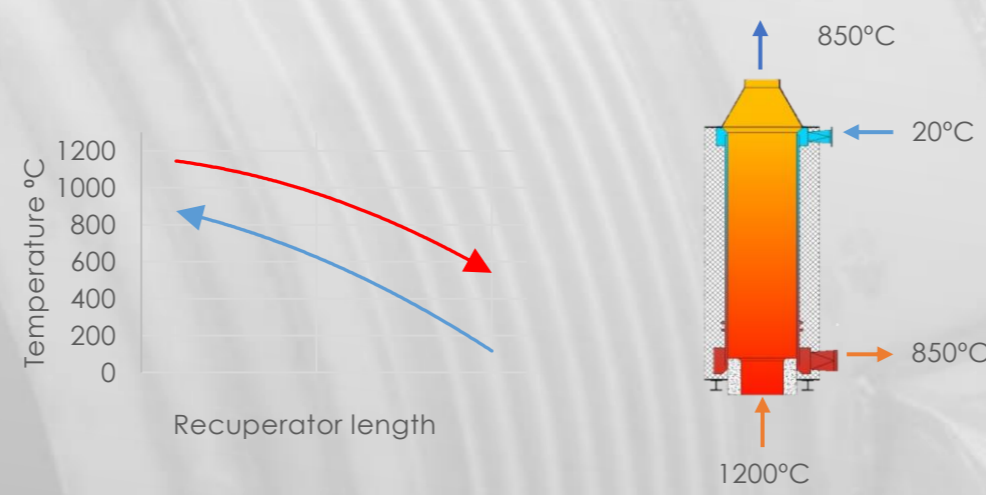
## HEAT RECOVERY SYSTEMS

Engineering together more efficient processes



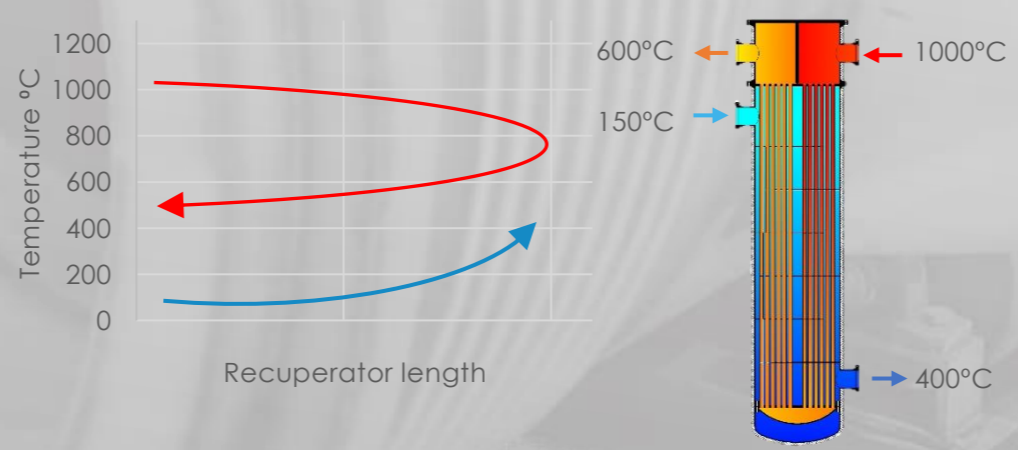
STANDARD HEAT RECUPERATORS HELICAL FLOW	COMBUSTION AIR FLOW (Nm3/h)	PREHEAT AIR TEMPERATURE	SUITABLE FOR:
RCH1065	1000 – 1500	650°C	FK5, FK10,
RCH2065	1500 – 2500	650°C	FK15, FK20, FK25
RCH3065	3000 - 3500	650°C	FK30
RCH4065	4000 - 5000	650°C	FK40

\*inlet temperature fumes > 1100 °C  
SUITABLE FOR FRIT KILNS, SODIUM SILIKATE KILNS, GLASS KILNS...



HIGH EFFICIENCY HEAT RECUPERATORS HELICAL FLOW	COMBUSTION AIR FLOW (Nm3/h)	PREHEAT AIR TEMPERATURE	SUITABLE FOR HF (HIGH EFFICIENCY KILNS)
RCH1085	1000 – 1500 Nm3/h	850°C	FK5 , FK10 (HF)
RCH2085	1500 – 2500 Nm3/h	850°C	FK15, FK20, FK25 (HF)
RCH3085	3000 - 3500 Nm3/h	850°C	FK30 (HF)
RCH4085	4000 - 5000 Nm3/h	850°C	FK40 (HF)

\*inlet temperature fumes > 1100 °C  
SUITABLE FOR FRIT KILNS, SODIUM SILIKATE KILNS, GLASS KILNS...



CONVECTIVE HEAT EXCHANGERS	AVAILABLE PRODUCTIONS (PERSONALIZED DESIGN)
COCURRENT,	1400 °C /650°C, up to 100", high pressure design, up to 25 bar
COUNTERCURRENT	1200 °C/850°C, up to 100", high pressure design, up to 25 bar

OPTIONS:  
Type: Countercurrent, Cocurrent, crossflow, one pass shell, two pass shell, split flow, kettle boiler, multi-tube hairpin, ducted bundle...  
Application: heating, cooling , vaporization, condensation..  
Fluid type: Gas, liquid, different compositions are available...  
Materials: Carbon Steel, stainless Steel, refractory steel, Inconel, Hastelloy, ceramic refractory...  
Insulating materials: Rock wool, ceramic blanket, microporous...  
Regulations: ASME and AD2000-MERKBLATT

