



## AIR PREHEATERS





# IMPROVE PROCESS EFFICIENCY WITH EINO TALSİ AIR PREHEATER

Eino Talsi, member of Ekocoil Group, has for decades specialized in developing and manufacturing finned tube products. Energy efficiency as well as being environmentally friendly are key in the design and manufacturing process. The products improve process efficiency, thus offering energy savings and reducing costs.

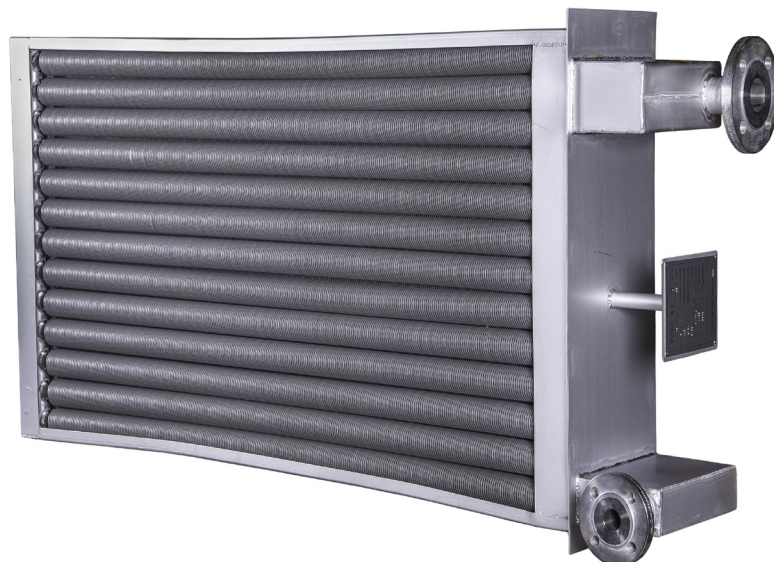
We take care of the whole design and manufacturing process from start to finish and can guarantee flexible and reliable service. We follow certified ISO-9001, ISO-3824-2 and Pressure Equipment Directive (PED) module D standards in our production.

## IMPROVED ENERGY EFFICIENCY

As the name suggests, an air preheater heats air for some other process thus improving the thermal efficiency of the process and thus offering cost savings.

A typical use case is a combustion airpreheater in a boiler. The purpose of the air preheater is to recover the heat from the boiler flue gas which increases the thermal efficiency of the boiler by reducing the useful heat lost in the flue gas.

In power plant use, the combustion air for the boiler is heated with either steam or water. The preheated combustion air is then fed directly to the boiler or its temperature is further increased in combustion air preheater before it enters the boiler.





## FEATURES

Eino Talsi Air Preheaters are always designed and dimensioned to meet the customer requirements. A suitable configuration is calculated for each case based on process data provided by the customer.

The Air Preheaters have a flexible and highly durable structure. This means less maintenance brakes and downtime. They are made from steel, or from stainless or acid resistant steel.

Applications for Air Preheaters include for example:

- Power plants
- Special waste disposal plants
- District heating plants
- Pulp and paper industry
- Chemical industry
- Marine
- Biomass boilers
- Bioenergy plants

**EKO COIL** is one of the leading manufacturers of finned coils in the Nordic region. Our extensive product portfolio also includes air to air plate heat exchangers, dry coolers, condensers and evaporators and coolers.

Our products are easily customized and optimized. They have a wide variety of applications in different types of conditions and environments. Our Sales will help with planning and dimensioning.

FOR MORE INFORMATION:

Sales & Production: Heikki Mantere +358 40 7770306  
heikki.mantere@eintalsi.fi

 **EINO TALSIOY**  
MEMBER OF **EKO COIL** GROUP

[www.ekocoil.fi](http://www.ekocoil.fi)