



## **FBL INDUSTRIAL SERVICES**

A Company of FBL Group

### **FBL Industrial Services Offers Air Preheaters**

FBL is a leading importer and supplier of air pre heaters. Beside Boilers and Thermal Oil Heaters we also supply Boilers accessories like economizers and air pre heaters.

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. As a consequence, the flue gases are also conveyed to the flue gas stack (or chimney) at a lower temperature, when hot air contributes in improving the combustion Efficiency. It also allows control over the temperature of gases leaving the stack (to meet emissions regulations).



#### **Advantages:**

- Ability to burn low grade and high moisture content fuel.
- Improve Air/ Fuel Combustion & Steam Generation Rate.
- Low carbon deposits on the Heating Surface.
- Controlled ash formation & Handling.
- Fuel saving can be up to 3%
- Plant Efficiency can be increased up to 2%
- Short Payback period.
- Easy retrofit into existing systems.
- Save Environment by producing low temperature gases.

#### **Special Features:**

- Flexible sizes, arrangements and material
- Outstanding Reliability and availability
- Range of designs and duct configurations
- Advanced heat transfer surfaces
- Designed to reduced installation
- Adaptability to wide range of fuels



### **FBL Industrial Services**

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Our air preheaters are recognized by boiler companies, utilities and system suppliers all around Pakistan as the best products of their type.

The reasons for the acceptance are its high thermal effectiveness, proven performance and reliability, effective leakage control, compactness of its design, and its adaptability to any fuel burning process.

It is designed and built to operate over extended periods with durable, uninterrupted service. Simplicity of the design also makes it easy and economical to maintain in operation and at scheduled outages.

