



Air preheater / Economiser for boiler 4 ton/h

This is a air preheater for boilers with about 4 ton steam / hour size. The preheater use the heat of boilers flue gases and by a tube heat exchanger it transmit hear energy to hot air that is separated and clean.

Applications of air preheaters.

Recover heat energy from flue gases and use heat energy at other locations in production. Here we see following areas of applications.

- * Preheat air for the combustion in the boiler as hot air will reduce fuel consumption a lot.
- * Preheat air for industrial dryers and use the hot air to dry food and other materials with to much moisture content
- * Use the hot air to dry fuel used in boiler so water content is reduced and less fuel is used.

Technical specifications.

- Flue gas temperature range 200C to 260 C heat input
- Flue gas heat drop 85-100C
- Cold air temperature increase 90-110C
- Room temperature 25-30C
- Fresh flow area 1.4 M2
- Exhaust flow area 0.29 M2 ?
- Heat exchange area 58.9 M2
- Material Q 345 steel
- Dimensions 1800x1800x3100 mm
- Weight 3700 Kg

