



TSEK  
ISO 9001-2008

### THE FEATURES OF AEKO ECONOMIZERS

- In hot water boilers, it is utilized from flue gas through economizers, it can be taken recycling or feed water at desired temperature between 30°C and 90°C.
- Depending on the boiler flue gas exit temperature and type of fuel, the efficiency increase is ensured from 5% to 10% in boiler and facility efficiency.
- Depending on the efficiency increase ensured, in order to consume less fuel for the same capacity or to consume the same amount of fuel for the same amount, more energy production occurs.
- Being very high of the flue gas temperature in hot oil, hot water and steam boilers increase chimney losses. Maximum savings is provided with economizer.
- In the economizer design, in the fuels including high amount of HO such as natural gas, heating surface is completely stainless steel and it is not affected by corrosion. In different fuels, the life of economizers can be prolonged by using special materials.
- Thanks to its special design, maximum fuel saving can be provided in hot oil, hot water and steam boilers.
- There is a rock wool isolated reserve tank around the body manufactured from hot-dip galvanized or stainless steel.
- When directly integrated with cold soft water, it offers the possibility of obtaining clean use and supply water at optimum temperature with the relative feeding method
- In economizer systems that we have applied so far, it has been seen that the cost of the recycled heat in continuous operating facilities amortized from 4 to 6 months.
- The hot water produced can be used in your facility, showers, and laboratories and in production process.
- The cheapest energy is to benefit from the waste energy laid to the nature. To obtain this method from an efficiently designed economizer is the most economical way of energy production.
- Our economizers are specially designed and manufactured for all temperature and flow.