Air-Air heat recovery

High performance air to air heat recovery system for stenter frames

System Koenig

Luwa
Textile processing produces large volumes of waste heat in the form of exhaust air from stenters. Luwa can recover this energy loss with intelligent heat recovery systems, thereby achieving big savings in energy costs.

**Heat exchanger**
Shell-and-tube heat exchangers, either controlled or uncontrolled, are much less susceptible to effluent pollution than plate heat exchangers. Made of stainless steel.

**Control system**
No matter whether systems for batch or continuous machines are in use, the control systems always attain optimum conditions, taking into account water flow rates, target temperatures and other selected parameters. The controls also show the amount of saved energy.

**System integration**
Our engineers are taking special care to integrate each heat exchanger into your process requirements. Functionality and performance of your stenter frame will not be affected by the heat recovery system.

**Advantages**
- Short time for return of investment
- Special steel for longest live time
- Low maintenance due to automatic cleaning
- Control system for optimum utilization
- Up to 4 stenters for 1 heat exchanger

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