



## **GEYSIR II Applications**

### **APPLICATION EXAMPLES**

#### **-Textile Industries**

1. Textile dyeing (pad steam, vaporizers): GEYSIR II eliminates condensation and dripping in the chamber; the dyed textile comes out with a uniform color, no stains or lighter spots appear anymore.
2. Yarn and fabric dryers: GEYSIR II eliminates water in the drums and homogenizes heat transfer along the drum surface. The dryer can then run at a higher speed and fabrics and yarns dry evenly.

#### **-Food Industries**

1. Pasteurizers operated with saturated steam from GEYSIR II deliver more heating power than otherwise with superheated steam; output in liters/hour increase and the risk of burning the product due to superheated steam disappears.
2. Food Packing: saturated steam from GEYSIR II reduces to a vanishing minimum the amount of water that remains with the product when steam is applied to vacuum-seal a food jar.
3. Cheese melting: saturated steam eliminates the risk of burning the product and also improves consistency, which is affected by wet steam.

#### **-Pharmaceutical industries**

1. Autoclaves operated with saturated steam from GEYSIR II run their cycles at a faster pace and the high limit temperature is guaranteed, eliminating the risk of product damage.

#### **-Paper Industries**

1. Paper sheet dryers fed with saturated steam from GEYSIR II can run at a higher speed and paper is dried evenly; yellow stains disappear as the risk of high temperature is eliminated.