

## **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's 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 increases 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 in 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.**