

# Clean Steam Humidification

## A Complete Component Package

## Essential to Your Clean Steam Humidification Needs

Spirax Sarco offers you a complete package for clean and safe humidification in your facility. Typical applications include those where contaminants such as boiler feedwater chemicals, scale and corrosion particles make plant steam unsuited for your process. The heart of the package is the steam to steam generator, designed to produce clean steam using plant steam as the energy source.

The **HygroMATIK** Direct Injection Humidifier, with its constant temperature lance system, provides precise humidity control.

The lightweight separating chamber allows only dry steam to flow through the stainless steel steam jacketed manifold while removing condensation with the in-line maintainable BTM7 Throstatic Clean Steam Trap. The dry steam is regulated with our stainless steel SPIRA-TROL or STERI-TROL control valve. You benefit from quality design and materials, efficiency and all around value.

The Spirax Sarco steam-to-steam generator is ASME Code constructed and stamped with the "UB" stamp, Section VIII for unfired boilers. The shell is constructed of 316L stainless steel with 100% X-Ray of all seam welds with post weld heat treatment. The tubes are 316L stainless steel .049 wall seamless construction with internal saddle support. The tube sheet is a 2 Pass configuration and constructed of 316L stainless steel. The plant steam head is close grain cast iron with 316L stainless steel bolting and bevelled washers. Shell is factory insulated with 2" of high-density fiberglass covered with a non-painted aluminum jacket. The Spirax Sarco steam-to-steam generator is furnished prepiped, wired and tested.

When clean and safe humidification is the issue, Spirax Sarco steam-to-steam humidification package is essential! Contact your local Spirax Representative today at 1-800-883-4411 for all the details.



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