

## TEMPERATURE MAINTENANCE - VALVES, PUMPS AND OTHER COMPONENTS

*Using BriskHeat's LYNX® free-standing control system in dry-area industrial applications*

### Application

Manufacturers often need to provide temperature control to individual objects such as valves, pumps, or small tanks and vessels. The object may be in an unheated environment and susceptible to cold-air-related problems, or it may need to operate at an elevated temperature to ensure a process runs properly or viscosity is controlled. Maintenance workers responsible for heating these objects may also desire additional features and benefits to enhance accuracy, effectiveness, visibility, or simplicity. If these conditions are not met, the process may fail and lead to problems such as system damage, failures, or other types of downtime and costly repairs.



### Solution

Custom cloth heating jackets can be designed to fit even the most complex components. Engineered to meet the requirements of your process, heating wire, temperature sensor and insulation are covered with your choice of materials and are available with various closure styles. A LYNX® docking station is prewired and sewn to the jacket for easy installation. Other heaters can also be custom engineered and prewired.

BriskHeat's LYNX® is also available as a freestanding, fully functional compact PID temperature controller that can individually control heaters for most small objects or vessels. With approximate dimensions of only 5 cm x 8 cm x 5 cm (2 in x 3 in x 2 in), it features an easy-to-program 3-button touch pad and 3-digit digital display that shows the temperature in either °F or °C, and the multi-colored LED status indicator is highly visible for peace of mind. The unit snaps on to a prewired docking station for plug-and-play installation, and may be either attached to the heater or mounted on a nearby tabletop stand for easy viewing and access. LYNX® is compatible with both thermocouples and RTDs, and accurate up to a fraction of a degree. Adding to the versatility is universal voltage between 120 and 277 VAC, multiple options for heater plugs, and a temperature range up to 1,112°F or 600°C.



### Other common manufacturing items that LYNX® may help heat:

- Pipes
- Tubing
- Actuators
- Vats
- Filter Housings
- Gauges
- Hoppers
- Conveyers

### Industries

Analytical Instrumentation/ Laboratory	Food & Beverage Processing
Chemical Processing/ Extractions	Gas & Oil
	Gas Handling
	Manufacturing