

## OBJECTS WITH UNIQUE SHAPES AND SIZES FREEZE PROTECTION

*An easy way to protect devices against extreme cold*

### Application

Manufacturing and industrial environments often include objects with unique shapes and sizes that need protection from cold weather. Items can be standalone or a component in a system. Examples of such items include transmitters (pressure, level, flow, etc.), pumps (direct lift, displacement, gravity, etc.), gauges, actuators, valves, and regulators. The unique shapes and sizes may make them difficult/challenging to shield when designing freeze protection products to protect them. If these items freeze and malfunction, that could lead to extended downtime and costly repairs.

### Solution

BriskHeat's WinterShield™ Freeze Protection Heated Pockets will protect most of these items. They are highly durable hood-type covers that surround the objects with pockets of warm air to allow them to continue operating, even in the coldest environments. When installed around the object they are protecting, they are held in place with hook and lace closings, making them easy to remove and reinstall. They come in two sizes. The standard size is 6 x 6 x 7 in (152 x 152 x 186 mm) high and the large size is 14 x 20 x 26 in (360 x 510 x 660 mm) high. Any object that has dimensions within these parameters is a candidate and the flexible cloth construction provides versatility with fitting. The hook and lace closing also enables maneuverability to fit and cinch close around obstructions like pipes, hoses, and stands/bases. They are suitable for use outdoors and have plug-and-play designs which include built-in 45°F (7°C) controlling thermostats, 16 ft (5 m) cords, and grounded plugs (120V). They come standard in 120 or 240 VAC.

### Additional Uses

BriskHeat's WinterShield™ Freeze Protection Heated Pockets also provide the versatility to be used for other hard-to-protect objects. If the items fit within the dimensions of the heaters, and even sometimes slightly larger due to the cloth's flexibility, they will be protected. Custom designs can be provided upon request.



#### Industries

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|-------------------------------------|-------------------------------|
| Chemical Processing/<br>Extractions | Gas Handling                  |
| Energy/Power Generation             | Water/Wastewater<br>Treatment |
| Gas & Oil                           |                               |