

Kit Instructions for the Blanket Heater

Purpose of the Blanket Heater

The cryopump blanket heater decreases regeneration time and ensures any condensation on the cryopump does not affect any other electronics near the cryopump.

For more information, contact the Product Service Department of CTI-Cryogenics.

Kit Contents and Specifications

The following shows the kit specifications:

Kit Number	Cryopump Model	Power (Watts)	Voltage (VAC)
8193038K001	300D	240	120
8193041K001	250D	220	120

The following shows the kit contents:

Item Number	Description	Quantity
1	Blanket Heater	1
2	Instructions, part number 8040723	1
3	3-pin connector set, M and F	1

Blanket Heater Use

To install the blanket heater shown in [Figure 1-1](#) or [Figure 1-2](#), do the following:

1. Wrap the blanket heater snugly around the cryopump vacuum vessel and secure the springs to the hooks.

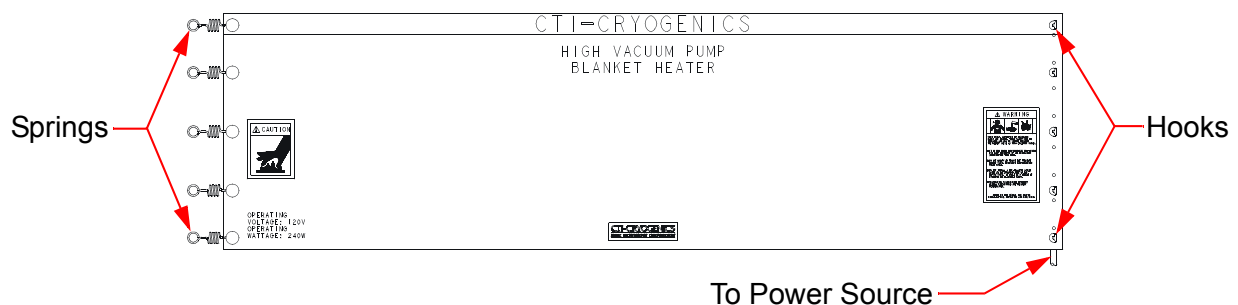


Figure 1-1: Blanket Heater Attachment Points for the On-Board IS 300D Cryopump

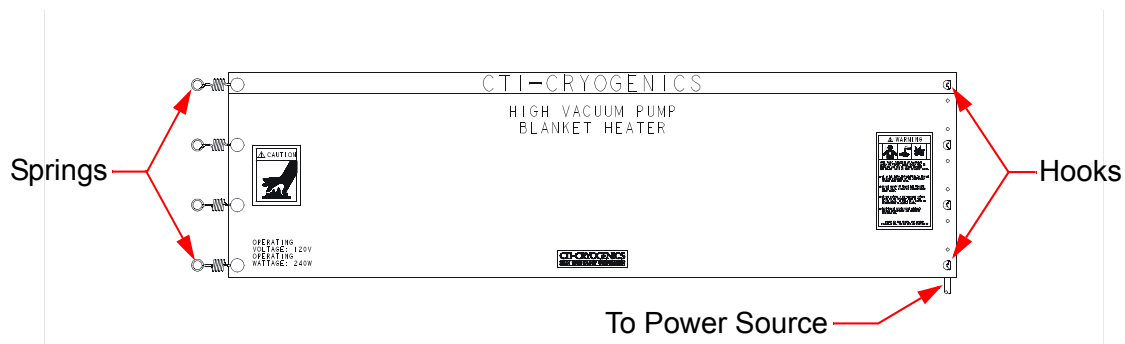


Figure 1-2: Blanket Heater Attachment Points for the On-Board IS 250D Cryopump

2. Connect the power leads (not shown in the previous Figure) to a user-supplied switch, a standard 110-volt plug, or with the CTI-Cryogenics supplied connector set.

Only qualified personnel may do this in accordance with national, state, and local codes.

	<p>CAUTION</p> <p>Hot Surface</p> <p>To avoid burns, use caution when touching the blanket heater at its maximum temperature of 160° F.</p>
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3. Connect the blanket heater to input power.

You may leave the blanket heater attached to the cryopump permanently, plugged in, and turned on. This does not decrease the vacuum performance of the cryopump.