

Air Canister Heating Jacket

Catalog #24123 (110 VAC)

Overview

The Restek Canister Heating Jacket will help you clean your canisters faster and more efficiently. The novel design ensures the entire canister, including the valve, is heated during the cleaning cycle, to remove contaminants most effectively. It also can be used to keep the sample heated during aliquot removal. The Canister Heating Jacket incorporates two-heat settings—low (75°C) and high (150°C). Use the low heat setting if your canister is fitted with a vacuum/pressure gauge; use the higher temperature if your canister does not have a gauge. Confirm the maximum temperature of your valve and gauge to assure this temperature is not exceeded.



Installation Instructions

1. Plug the Canister Heating Jacket into a 110 VAC outlet.



To use more than one Canister Heating Jacket in one 110 VAC outlet, plug the second Canister Heating Jacket into the plug outlet located on the control box of the first Canister Heating Jacket that is plugged into the 110 VAC outlet. In this manner, connect up to 5 Canister Heating Jackets in series, powered from one 110 VAC outlet.



2. To install a canister, remove the Canister Heating Jacket lid and place the canister inside. Slide the cleaning pigtail or tubing through the hole in the Canister Heating Jacket lid and connect it to the valve on the canister, then place the lid on the Canister Heating Jacket. The lid should fit snugly onto the jacket.



3. Turn on the power by selecting either the 75°C (canister with gauge) or 150°C (canister with valve only*) temperature setting on the control panel on the Canister Heating Jacket.

**Confirm maximum temperature of your valve and gauge to assure maximum temperature is not exceeded.*



4. Begin the canister cleaning process. (For canister cleaning techniques or technical tips, request a copy of Restek's *A Guide to Passive Air Sampling, Using Canisters*, lit. cat. #59977A).
5. When the cleaning process is complete, turn the power off by switching the power switch to the off (middle) position.

Warning: This item is to be used with 110 volt power only. One 15 amp circuit is capable of powering 5 Canister Heating Jackets. Do not attempt to use more than 5 units. This will overload your 15 amp circuit. (There is a fuse in the control panel.)

Note: Other than the fuse, there are no user serviceable parts. Do not attempt to disassemble the Canister Heating Jacket. Doing so will void the warranty.

Caution: The Canister Heating Jacket is cool to the touch, with the exception of the brass ring located in the center of the jacket lid. Avoid touching the ring while the jacket is in operation.

Please call Technical Service at 800-356-1688 or 814-353-1300, ext. 4 (or your Restek representative) if you have any questions about this or any other Restek product.



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