

Loikits Technologies, Inc.

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Pollution Control and Heat Transfer

Additional Trimodal Products Information

Popular models of the Trimodal Canister are available for immediate rent or purchase. Options that include special connections or mountings, requirements for dimensional limitations, mobile caddy and other custom additions or modifications are easily accommodated. Engineering and analytical support is readily accessible, as well as, expendable supplies such as desiccant, filters, spare gasketing and parts are usually in stock. Customers responsible for producing and maintaining quality liquid or vapor processes appreciate the flexibility and economics inherent in the Trimodal design.

Performance data accumulated over the last decade from both in-house testing and field installations has confirmed the "strainer" mode to remove suspended particle down to about 1000 microns and the "filter" mode captures in-stream particulate to below 5 microns nominal, with the appropriate filter cartridges. Utilizing the two stage "strainer/filter" mode has proven useful in reducing shut down intervals in customer process liquid conditioning applications where most of the suspended particulate is sized above 1000 microns, and a minor portion of the particulate below 5 micron nominal.

When utilized in conditioning mode, the Trimodal Canister has proven extremely useful in removing moisture from non-aqueous fluids to below 50 PPM (water in fluid by weight), a prerequisite when refrigerating most heat transfer fluids to ultra low temperatures. Listed below are commonly used heat transfer fluids that have been optimized by the Trimodal Canister. Please contact Loikits engineering department for a specific compatibility review on the liquids listed below or other compounds not mentioned in this section.

CFC Refrigerants	Perfluorocarbons
HFC Refrigerants	Silicone Based
Chlorinated Solvents	Terpene Derivatives
Hydrocarbon Based	Organic Based

Other methods of conditioning fluids or vapors can be performed cost effectively, such as the use of carbon or ion exchange resin to remove hydrocarbon or metal ion contaminants respectively, from process or wastewater. Catalytic reactions are also applicable in pilot processes.

The Trimodal Canisters unique method of conditioning liquid and vapor mediums allow the customer to affordably and safely optimize their specific process medium without the need to purchase additional equipment, that typically are limited to only one function.

Please feel free to contact Loikits Technologies, Inc. at (610) 262-3681, or fax (610) 262-5256, or email us at info@loikits.com if you wish to discuss your application.

