

Wringer Gas Dryer

Removing gases from cleanroom air

The Wringer™ Gas Dryer removes moisture from process gases and features a patent-pending Teflon® seal that is epoxy free.

Product Description

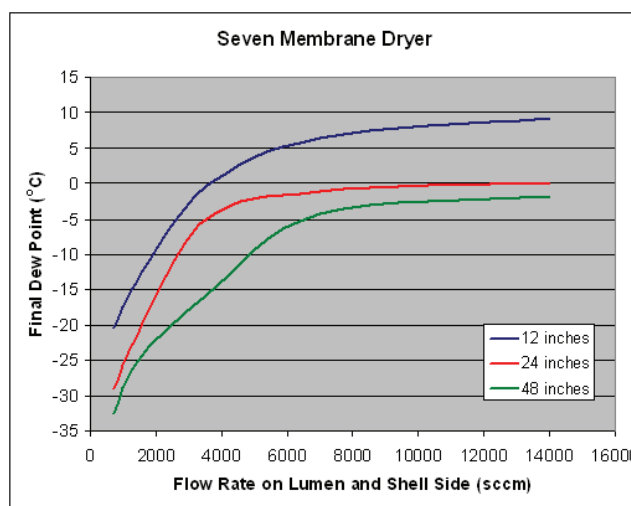
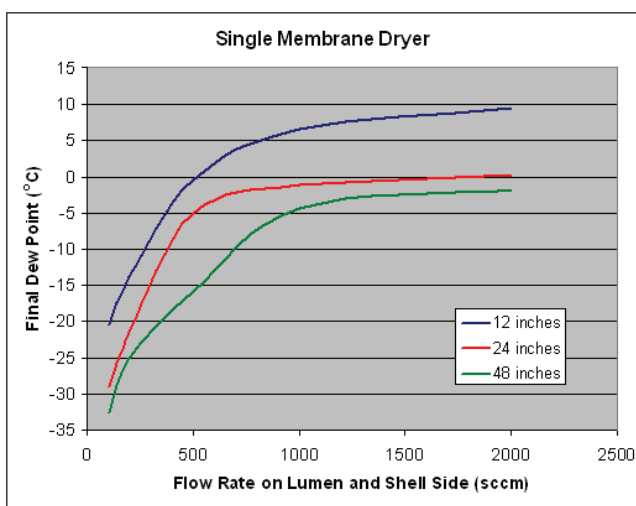
The Wringer incorporates a non-porous membrane, Nafion®, that has a very rapid diffusion rate for water vapor. At the

same time, the membrane has a high rejection rate for most other molecular compounds. The process gas flows through the inner tube and a vacuum or dry gas is applied to outer the shell.

Operation couldn't be simpler. The process gas to be dried runs through the inner internal membrane with a purge flow on the shell. Wringer can be used

with either a vacuum or atmosphere on the shell.

For higher vapor transfer rate, RASIRC's revolutionary design allows scale up of membrane assemblies without having to worry about the temperature and contamination limitations from a potting compound.

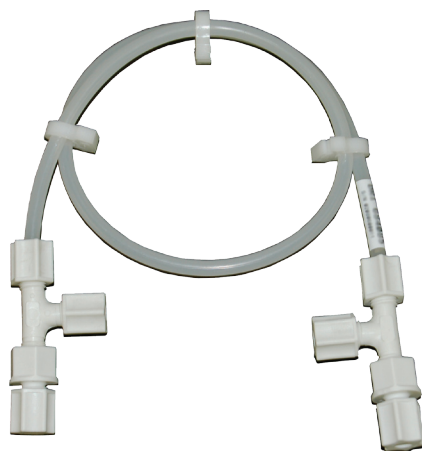


Benefits

- Fast dry down times—Very thin membrane allows fast dry down times and lower ultimate values for a given length of material.
- Clean product—Focus on contamination control assures a cleaner end product to the customer.
- Minimal contamination sources—Innovative assembly techniques minimize sources of contamination.
- No moving parts.
- Non-porous—can be used with hydrogen and corrosive gases.
- Epoxy free—high purity construction that works even at high temperature.

Applications

- Analytical Sampling
- Gas Chromatograph
- Protecting air tools
- Gas drying
- Hydrogen Generators
- Fuel Cells



About RASIRC

RASIRC develops products that purify and deliver ultra pure liquids and gases, with a primary focus on water vapor. RASIRC dryers, humidifiers and steam generators are of critical importance for many applications in the semiconductor, pharmaceutical, medical, biological, fuel cell, and power industries. Custom systems are available upon request. Call RASIRC to see how they can solve your water vapor challenges.



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