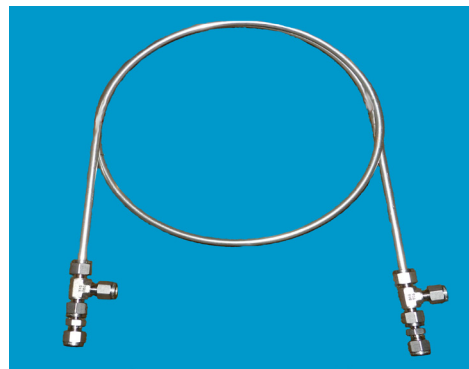
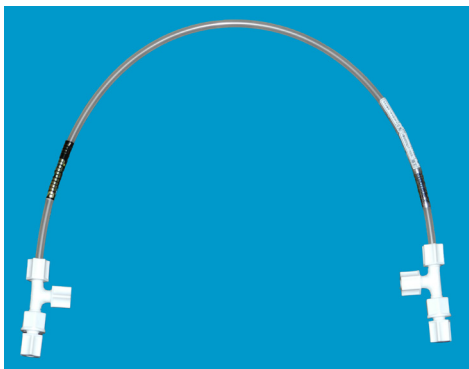




Membrane tube dryers for gas sample dehumidification

SWG - A01 Series Dryers



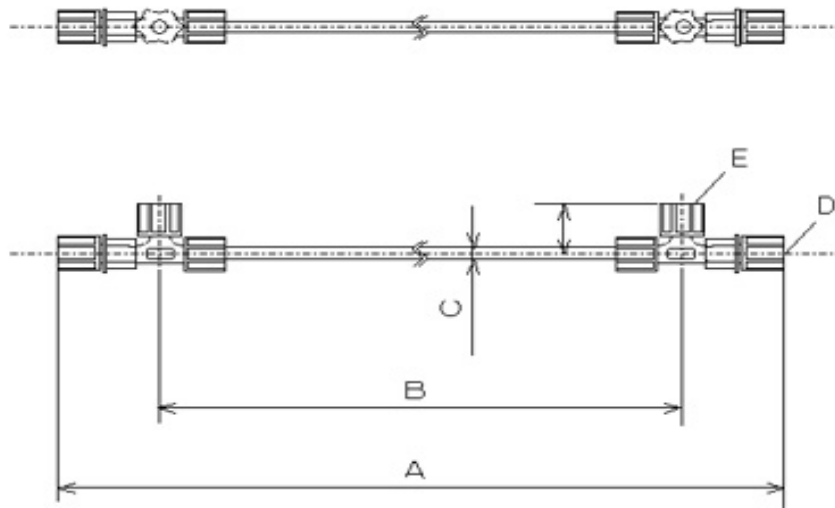
Most infrared or UV-based gas analyzers require a dry gas in order to operate efficiently and deliver accurate results. Water vapor in the gas sample acts as either a spectral or physical interferent. When choosing a dehumidification device, it is critical to choose a dryer that is both efficient and selective to water vapor.

Sunsep's SWG-A01 Series dryers utilize a hydrophilic polymer tubing that is very selective to water vapor only. Water is removed in the vapor phase as a result of a chemical bonding between the water molecules and the polymer. The water transfer is based on the partial vapor pressure differential between inside and outside the tubing. With a countercurrent purge flow on the outside of the tubing, drying is continuous.

The inner dryer tube has an outer diameter of 3.0 mm and can handle sample flow rates up to 2 lpm. These dryers deliver equivalent performance to Nafion dryers and are interchangeable with them.

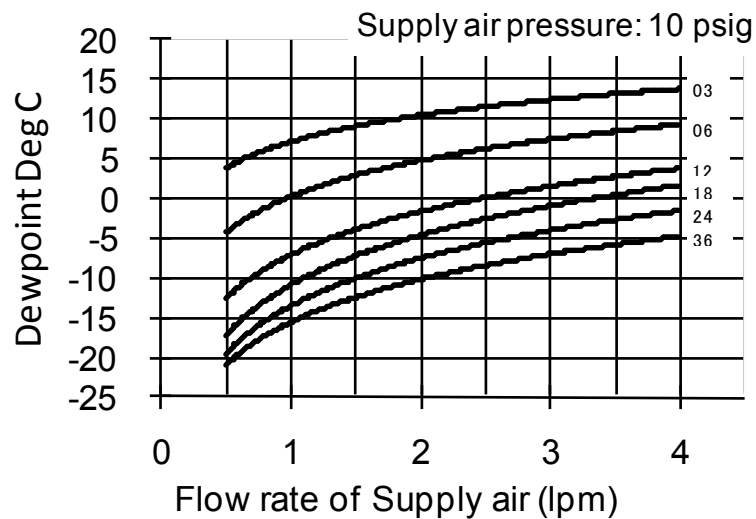
Product Features

- Dries continuously with countercurrent purge gas
- Equivalent performance to Nafion tube dryers
- Available in polypropylene, kynar or stainless steel
- Dryer lengths from 0.3m (12") to 3.6m (144")
- Selective to water vapor, with few exceptions



| Model No. | Dimensions (inches) | | | |
|------------|---------------------|-------|------|------|
| SWG-A01-XX | A | B | C | D,E |
| -03 | 15.4 | 11.8 | 0.25 | 0.25 |
| -06 | 27.2 | 23.6 | | |
| -12 | 50.8 | 47.2 | | |
| -18 | 74.4 | 70.9 | | |
| -24 | 98.0 | 94.5 | | |
| -36 | 145.3 | 141.7 | | |

SWGA01 Drying Performance



Canadian Distributor:



ESG is a leader in the supply of industrial and process filtration equipment and consumables and represents the complete Sunsep product line in Canada.

