TME/G Series Membrane Air Dryers

Benefits of Titus Membrane Technology:

- Capable of delivering pressure dew points from +40°F to -40°F
- Adjustable dew point performance provides energy savings
- Most robust membrane dryer design in the industry
- No moving parts – nothing to wear out or replace
- No field adjustment necessary
- No electricity required – intrinsically safe for hazardous areas
- Easy to install
- No freeze-up potential
- Environmentally friendly – no harmful CFCs
- Eliminates problems associated with desiccant dust contamination
- Proven performance in hundreds of demanding applications
- Most trouble-free drying system available

The simple operation of the Titus Membrane Dryer makes it an ideal solution for drying wet compressed air in a wide variety of applications. It has no moving parts and removes water through the use of a semi-permeable, hollow-fiber membrane. This technology offers significant benefits over refrigerated, deliquescent or desiccant dryers since there are no electrical or moving parts, no environmentally-unfriendly liquids and no desiccant to replace. The dryer simply produces a quiet and uninterrupted supply of dry compressed air.

Proven in a wide variety of challenging applications since 1987, Titus Membrane Air Dryers have the ability to produce dry air to a -40°F pressure dew point with the lowest associated purge loss of any membrane dryer on the market. Call us at (888) 722-5253 to find out how Titus Dryers can solve your wet air problems.

Flow Capacity in SCFM at 100 PSIG, 100°F & 100% RH

Model	Flow @ +40°F PDP		Flow @ +20°F PDP		Flow @ 0°F PDP		Flow @ -20°F PDP		Flow @ -40°F PDP	
	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
TMEM0750A	8.20	6.98	5.30	4.35	2.55	2.04	0.85	0.69	N/A	N/A
TMEM0800A	11.5	9.78	8.20	6.72	5.35	4.28	3.85	2.98	2.66	2.00
TMEM0850A	15.8	13.4	12.0	9.84	8.85	7.08	7.20	5.58	5.91	4.43
TMEM0870A	26.5	22.5	19.0	15.6	12.4	9.92	8.95	6.94	6.15	4.61
TMEM0890A	36.6	31.1	28.5	23.4	21.0	16.8	17.0	13.2	14.00	10.50
TMEM1000A	52.0	44.2	37.0	30.3	24.5	19.6	17.8	13.8	12.4	9.3
TMEM1100A	65.7	55.8	50.0	41.0	37.0	29.6	30.3	23.5	25.0	18.8
TMEM1150A	78.0	66.3	56.0	45.9	37.0	29.6	27.0	20.9	19.0	14.3
TMEM1200A	115	97.8	88.0	72.2	65.0	52.0	54.0	41.9	44.8	33.6
TMEM1400A	250	212	170	139	146	117	121	93.8	101	75.8
TMGM1600A	350	296	225	187	180	146	160	129	130	100

The nuclear power industry requires compressed air solutions that provide optimal performance and reliability in a package that is simple to operate and maintain. The Titus Company has excelled in providing solutions to meet these demanding requirements.

Dryer & instrumentation package, 750 PSIG Design

Membrane dryer with aftercooler, separator & filtration package

Compressed air and gas applications for military and naval installations can be some of the most challenging that are faced by system designers. The Titus Company, in conjunction with Air Products and Chemicals, Inc., has designed dehydration systems that are now standard equipment on modern aircraft carriers in the United States Navy, Royal Australian Navy and the Royal Navy of the United Arab Emirates.

Low pressure, SS dryers, 400 SCFM

The Exclusive Distributor in Your Area:

Titus DRYERS

36 Mountain View Road, Morgantown, PA 19543
Toll Free: (888) 722-5253 | Fax: (610) 913-9200
Email: sales@titusdryers.com
Website: www.titusdryers.com