



Tsunami Membrane Dryer

The COMPLETE Membrane Dryer System

- First-stage Tsunami Water Separator with Automatic Float Drain
- Second-stage Tsunami™ Oil Coalescer with Automatic Float Drain
- Membrane Dryer Unit
- High Flow Piston Regulator Downstream

LOW MAINTENANCE

- ♦ Only second-stage coalescing element needs replacing
- ♦ No refrigerant to maintain
- ♦ No desiccants to replace
- ♦ No desiccant dust downstream

EASY TO INSTALL

- ♦ No electrical connection required
- ♦ Very little assembly required – simply mount and attach regulator and gauge

SPECIFICATIONS

- 20 CFM max. inlet flow w/ 16.7 CFM max. outlet flow - DO NOT EXCEED
- 3.3 CFM sweep air @ 100PSI
- 175psi maximum inlet pressure
- 60psi maximum outlet pressure
- 100° F maximum inlet air temperature
- ½” NPT ports



DIMENSIONS

Height - 23” Width - 16”
 Depth - 5”
 Inlet - ½” NPT Outlet - ½” NPT

INLET PRESSURE	INLET TEMPERATURE	(RH%) PRESSURE DEW POINT	DEW POINT AT GUN PRESSURE SETTING		
			30 PSI	40 PSI	50 PSI
175	80°	17° (9)	-10° (2)	-7° (2)	-5° (3)
150	80°	22° (11)	-3° (3)	-1° (4)	3° (4)
100	80°	40° (24)	19° (9)	23° (11)	27° (14)

WARNING:

**SHUT OFF AND DEPRESSURIZE AIR SYSTEM BEFORE INSTALLING OR SERVICING.
MAXIMUM INLET PRESSURE: 250 PSI**

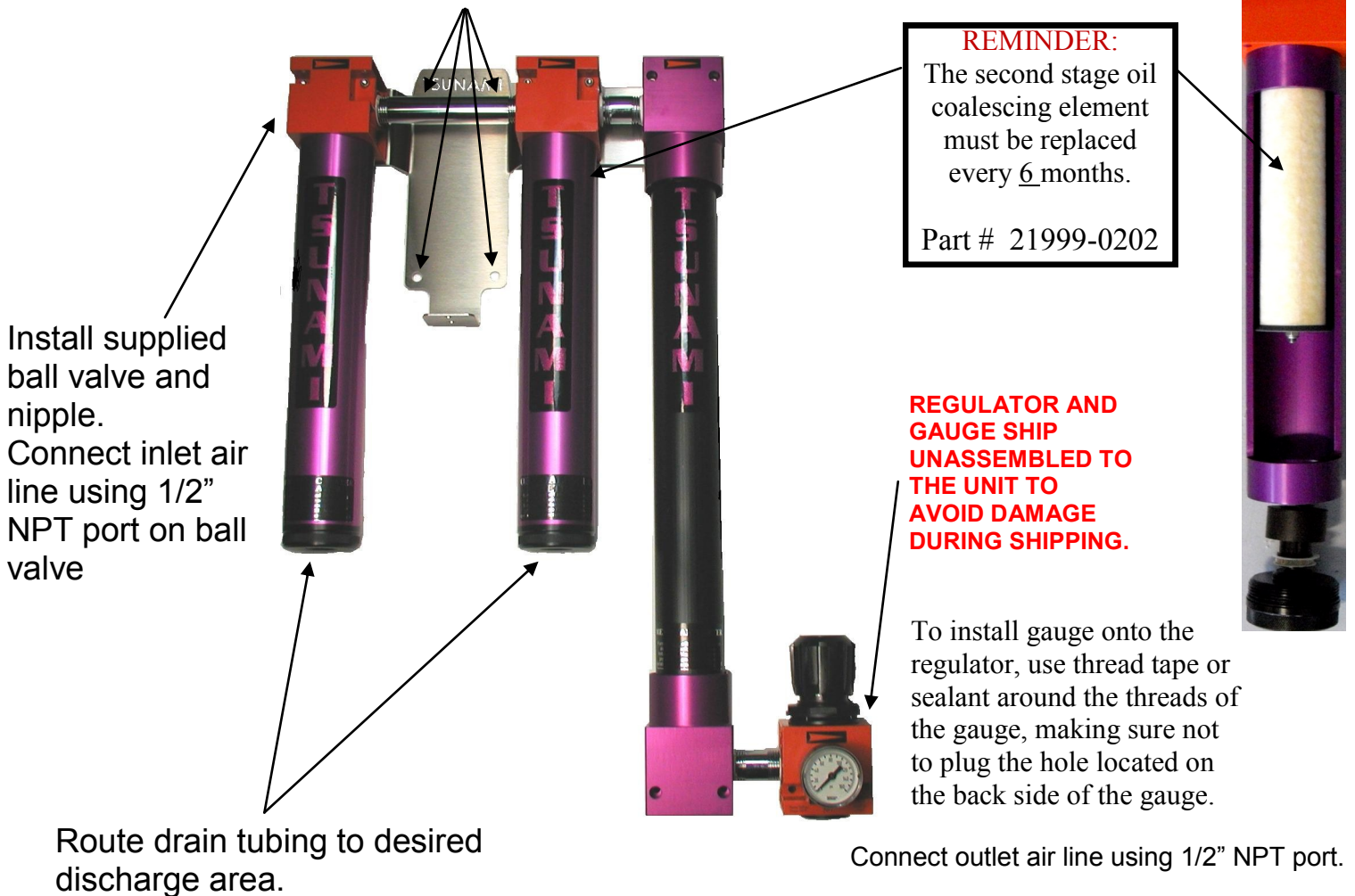
The Tsunami Membrane Dryer **MUST** be mounted in a vertical position. In spray booth applications, this unit should be mounted **OUTSIDE** of the spray booth – bake cycle heat may cause unnecessary aging of the membrane.

FOR OPTIMAL PERFORMANCE:

Install 1/2" ball valve on the inlet air supply side - this allows you to shut the supply air off when the dryer is not in operation thereby shutting off the sweep air of the membrane. Saves Energy!

It is advised to use 1/2" pipe to connect the inlet air supply to the membrane dryer.

Mount unit to wall or outside of booth using the four mounting holes on the bracket. **Be sure to use proper hardware and mount to a secure source.**



Connect outlet air line using 1/2" NPT port.

For optimum performance, it is advised to regulate to the lowest useable pressure.

For spray booth applications:

For best results, **always** replace old spray hose with new hose. We recommend using Tsunami Ultra-flo Spray Hose.

Tsunami Compressed Air Solutions™ is a division of



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