

PRECISION EQUIPMENT FILTRATION & DRYING SYSTEMS

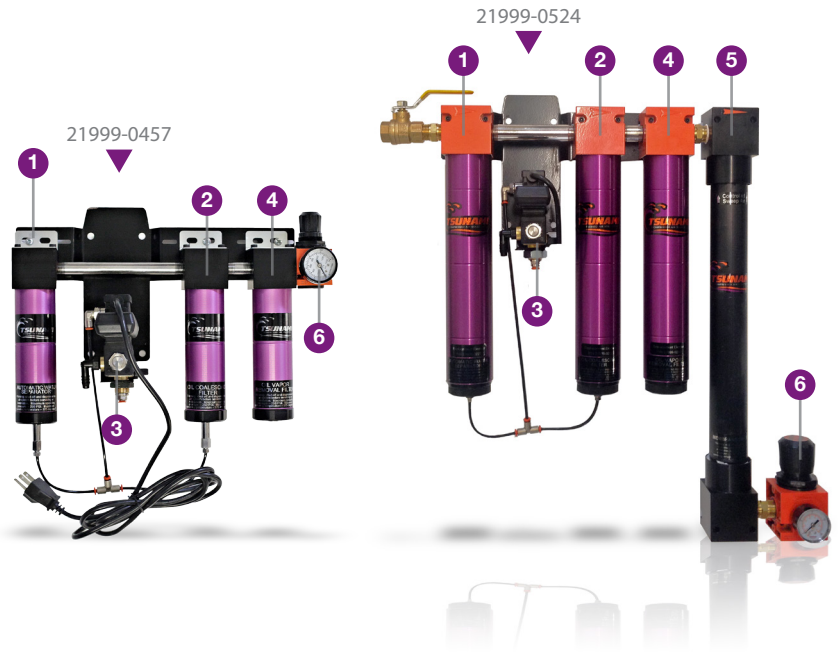


a world-class solutions provider

Prevent Costly Downtime During the Critical Inspection Process with Precision Equipment Filters & Dryers

Byproducts of compressed air such as water, oil, oil vapors, and humidity can cause severe damage to precision equipment. Tsunami Compressed Air Solutions™ offers a complete line of precision equipment engineered to protect against the #1 cause of precision equipment downtime; water, oil and other contaminants from compressed air.

- Maintains accuracy of CMM
- Protects air bearings from contaminants
- Provides Grade "D" Instrument Air
- Fast & easy installation
- Membrane Dryer exceeds ISO 8573-1, class 4 air purity standards
- Timed auto drain ejects oil and water



FILTRATION

Part Number	(NPT) Port Size	Flow	Pressure	Temp
21999-0457	1/4"	20 scfm	175 psi	100°F
21999-0291	1/2"	50 scfm	175 psi	100°F

FILTRATION & DRYING

Part Number	(NPT) Port Size	Flow	Pressure	Temp
21999-0957	1/4"	15 scfm	175 psi	100°F
21999-0524	1/2"	25 scfm	175 psi	100°F

HOW IT WORKS

- 1 Incoming air enters the 1st stage Water Separator where water & particulates are removed down to 10 micron.
- 2 Air travels through the 2nd stage Oil Coalescing Filter where oil mists & aerosols are captured down to .001 ppm and particulates are trapped down to .01 micron.
- 3 An Electronic Drain Valve is used to ensure proper draining of all captured contamination in the 1st & 2nd stage filters.
- 4 In the 3rd stage, the Activated Carbon Filter captures oil vapor down to .003ppm.
- 5 Water vapor is removed by the Membrane Dryer. The system can provide dew points down to -80°F & relative humidity down to .01% RH
- 6 The air exits through the outlet regulator.

