



For the unexpected surges ordinary filters cannot handle, Tsunami™ offers maximum protection to accommodate any application. What separates Tsunami from other manufacturers is that our filters are machined from 6061 aluminum and are anodized for maximum corrosion resistance, inside and out. This prevents rust and other corrosion from forming inside the filter housings unlike filters manufactured out of die cast materials. Tsunami™ filtration systems are available in up to three stage packages including water separators, oil coalescing filters and activated carbon filters.

AIR FILTRATION

SPECIFICATIONS

- ① **WATER SEPARATORS:** *Zero Maintenance*
Removes water up to 1 quart per minute & filters particulate down to 10 micron.
- ② **OIL COALESCING FILTERS:** *Replace Element Every 6 Months*
Oil aerosols down to .001 ppm & traps particulates down to .01 micron.
- ③ **ACTIVATED CARBON FILTERS:** *Replace Element Every 6 Months*
Removes oil vapor down to .003 ppm, removing odor & taste from the air.

FILTERS ARE AVAILABLE FROM 20 SCFM TO 240 SCFM. MULTIPLE DRAINING OPTIONS AVAILABLE. MOUNTING BRACKETS SOLD SEPARATELY.



FILTER SERIES	MAXIMUM FLOW RATE	MAXIMUM PRESSURE	MAXIMUM TEMPERATURE	PORT SIZE
20 Series	20 SCFM	250 PSI	175°F	1/4" NPT
50 Series	50 SCFM	250 PSI	175°F	1/2" NPT
120 Series	120 SCFM	250 PSI	175°F	1" NPT
240 Series	240 SCFM	250 PSI	175°F	1-1/4" NPT

TSUNAMI FILTRATION PACKAGES

Tsunami filtration packages come standard with float drains where water separators and oil coalescing filters are used. Mounting brackets are included with filtration packages.

PACKAGE #	#1	#2	#3	#4	#5	#6	#7	#8
20 SERIES	J-0416	J-0415	J-0424	J-0677	J-0421	J-0678	J-0494	J-0414
50 SERIES	J-0247	J-0249	J-0251	J-0253	J-0255	J-0257	J-0494	J-0679
120 SERIES	J-0248	J-0250	J-0252	J-0254	-----	-----	-----	-----

WATER SEPARATORS

The Tsunami™ water separator removes water, up to 1 quart per minute, and filters particulate down to 10 micron. 3 Drain types offered: Float, Electronic and Pneumatic Drains in 20, 50, 120, 240 SCFM.

OIL COALESCING FILTERS

The Tsunami™ oil coalescing filter removes oil aerosols down to .001 ppm and traps particulates down to .01 micron. 3 Drain types offered: Float, Electronic and Pneumatic Drains in 20, 50, 120, 240 SCFM.

ACTIVATED CARBON FILTERS

The Tsunami™ activated carbon filter removes oil vapor down to .003 ppm, removing odor and taste from the air. Float drain offered in 20, 50, 120, 240 SCFM.

REGENERATIVE DRYERS

Tsunami™ Regenerative Drying Systems use proprietary technology to provide ultra clean, dryer air. Approximately every two minutes, airflow is redirected through the previously dried opposing canister(s) allowing any captured water, vapor, and particulates to be properly disposed of; It's like changing your desiccant every two minutes.

FEATURES & BENEFITS

- 3 Year Warranty on Wall Mounted Dryers & Ultra Systems
- Low Relative Humidity - Down to .01% RH
- Dew Points - down to -80°F
- Easy low-cost Maintenance - Under \$100/year Average



MEMBRANE DRYERS

The **Tsunami™ Membrane Dryer** assures that your application is supplied with quality air to meet or exceed Class 4 ISO 8573-1: 2010 Compressed Air Contaminants and Purity Classes. Incoming air enters the 1st stage water separator where water and particulates are removed down to 10 micron. The air then travels through the 2nd stage oil coalescing filter where oil mist and aerosols are captured down to .001 ppm and particulates are trapped down to .01 micron. Finally, pre-treated air then enters the Membrane Dryer where water vapor is removed from the air. This system can provide dew points down to -80°F and relative humidity down to .01%RH. The air exits through the outlet regulator.

FEATURES & BENEFITS

- 100% Duty Cycle
- No Electricity Required
- Membrane Element Capacity 3X Larger than Competitor's Element
- Low Relative Humidity - Down to .01% RH
- Low Dew Points - Down to -80°F
- Easy, Low Maintenance - Under \$100/year average
- Easy to read Outlet Regulator



ULTRA DRYING SYSTEMS

The optimal solution for any facility; connect shop air into the elbow fitting on the inlet side of the system and out the regulator. It's that simple. **Ultra Drying Systems** come fully assembled to provide for absolute ease of installation.

The Ultra incorporates industry leading Tsunami™ drying technology. Each system includes a water separator, oil coalescing filter and Moisture Minder® automatic piston drains to assure proper draining of water, oil and other contaminants. A built in bypass valve allows the dryer to be shutoff for maintenance or service without stopping production. The entire system is mounted on a 80 gallon receiver tank to provide additional storage of ultra clean, dry air.

FEATURES & BENEFITS

- 3 Year Warranty
- Low Relative Humidity - Down to .01% RH
- Low Dew Points - Down to -80°F
- Easy, Low Maintenance - Under \$100/year average
- Easy to use Outlet Regulator
- 80 Gallon Storage Tank Increases Shop Capacity
- Waterborne & Solvent Ready!



PNEUMATIC DRAINS

Compressed air systems can become severely contaminated when the simple duty of draining compressor tanks and filters gets neglected. Failure to complete the task will eventually lead to catastrophic results. The solution...A complete line of Moisture Minder automatic drains. Moisture Minder drains are available in standalone or filter-mounted units.

FEATURES

- Automatic; only requires intermittent pilot signal
- No electricity required
- Seals made of Teflon and Viton
- Standard valve related at 300 PSI
- Operates without pressure drop in air system

BENEFITS

- No manual adjustments required
- Saves money - no additional wiring
- Long life - can be used with synthetic oils
- Compatible with most systems

