CANBUILT MFG.

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TSUNAMI:ULTIMATE AIR LINE MOISTURE CONTROL

WATER SEPARATOR

Assured point of use protection for air drops and pneumatic equipment. Removes large amounts (1quart of water/ min) of moisture and particulate down to 10 microns. Unique flow separation takes place as the air reverses direction 180 degrees and passes through the stainless steel element. Integral hydropump automatically ejects moisture, oil and particulate that collects in the large drain sump

- Non-corroding sulfuric acid anodized aircraft aluminum in side & out.
- Duty rated heavy wet flow: 50SCFM and 120 CSFM, • Super low pressure drop
- Optional drain choices: solenoid or piston
- Large sump prevents carry-over from radical surge flows
- Virtually maintenance free
- Extremely consistant performance from low to high flow
- Corrects improperly plumbed air systems
- OEM's choice for warranty protection

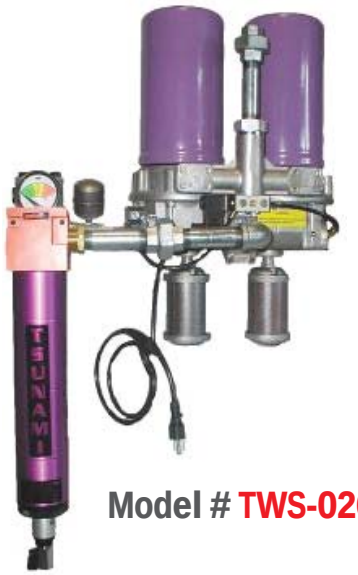
Part #	Wet FLow Rating	Port Size	Length	Width	Max Pressure	Max Temp
TWS-0131	50 SCFM	1/2"NPT	14 1/4"	2 3/8"	250 psi	200F
TWS-0082	120 SCFM	1" NPT	15 7/8"	3 1/8"	250 psi	200F

OIL COALESCER

Excellent protection of critical equipment from oil, oil mist, vapor and particulate down to .001 ppm (.01micron). Tsunami Microflex elements utilize a multi-stage filtration effect. These elements are much larger tha standard elements, offering the largest surface area and lowest pressure drop available. Available with manual, solenoid or piston drain options and a large sump. Tsunami oil coalescers are rated for heavy wet flows and deliver the highest instrument grade compressed air

- Duty rated wet flows 50 SCFM and 120 SCFM
- 3 drain options
- Very low pressure drop
- Modular design
- 5 element options

• Activated Carbon filter for .002 micron filter available by special order



Model # TWS-0260

Part #	Drain Type	Element	PPM Oil carry-over	Max length	Max Width
TOC-0131VED	Solenoid	1 Micron V-Element	.08	18 1/4"	3 3/4'
TOC-0131ZFD	Float	.01 Micron Z Filter	.001	14 1/4"	2 3/8"

Model # TWS-0260

- SFD Twin Can Dryer System-10HP
- Complete with oil coalescer and automatic drain
- Reduces your dew point to -10°F@100% duty cycle
- Using only 4% of the dry air to purge the can during each cycle saves you money

QUALITY • PERFORMANCE • LONGEVITY

The Tsunami membrane compressed air drying system requires no electricity and comes ready to install for applications requiring clean dry oil free air. After the air passes through the Tsunami Automatic Water Separator & Oil Coalescer it goes into the membrane dryer which removes water vapor and lowers the dew point of the air. A precision air regulator then reduces pressure to your requirements. The ½" ball valve included in the system allows the inlet air to be shut off when system is not in use, preventing wasting air.

STANDARD FEATURES

- First stage Tsunami™ Water Separator with Automatic Float Drain
- Second-stage Tsunami™ Oil Coalescer with Automatic Float Drain
- Includes 1/2" ball valve
- 1/2" precision regulator & gauge standard
- Comes pre-assembled

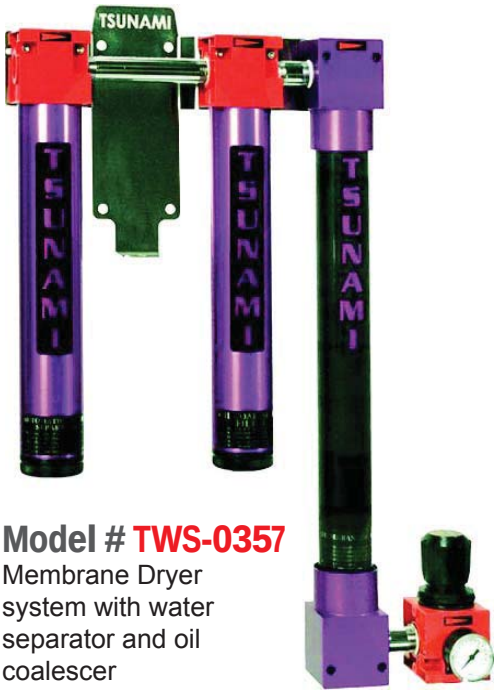
LOW MAINTENANCE

Only second-stage coalescing element needs replacing

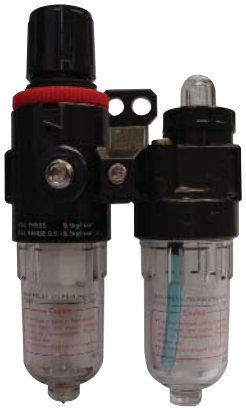
No refrigerant to maintain
No desiccants to replace
No desiccant dust downstream
No electrical connection

SPECIFICATIONS

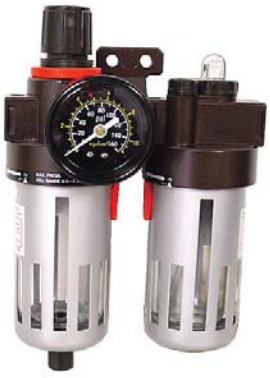
- 15 CFM with 3.3 CFM sweep at 100 PSI
- 175 PSI maximum inlet pressure
- 175°F maximum inlet temperature
- 1/2" NPT ports (3/8" and 1/4" bushing supplied)



Model # TWS-0357
Membrane Dryer system with water separator and oil coalescer



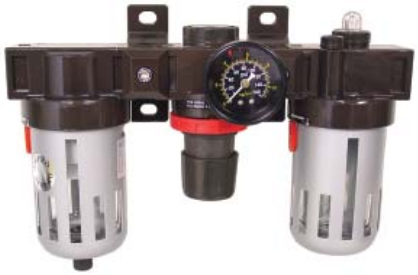
Model # FLR-014
1/4" NPT, 2-Piece Mini Filter/ Lubricator/Regulator
Units should be mounted as close to tool as possible for maximum efficiency.



Model # FLR-238
3/8" x 2 Piece Filter/Lubricator/ Regulator

Also Available as:

Model # FLR-212
1/2" x 2 pc Filter/Lubricator/ Regulator



Model # FLR-338
3/8" x 3 piece Filter/Lubricator/Regulator

Also Available as:

Model # FLR-312
1/2" x 3 Piece Filter/Lubricator/Regulator

QUALITY • PERFORMANCE • LONGEVITY

Dynamic Technology vs Old Technology

Tsunami Water Separator

- Dynamic techno ogy
- **30 Day Money Back Performance Guarantee**
- Flow rated under heavy wet conditions

Heads:
- Zemac anodized and pow- der coated for maximum corrosion protection

Water Separation:
- Air flows thru center air channel tube to the bottom of Tsunami
- It hits the baffle plate depositing the liquid and particulate, in the large drain sump
- The air is then redirecting 180° and flows up thru the oversized Stainless Steel mesh element
- Any remaining water droplets and aerosols to 10 micron are forced to the outside and will run down to the drain sump.
- Up-flow gravity separation
- Performance is 100% consistent at all flows

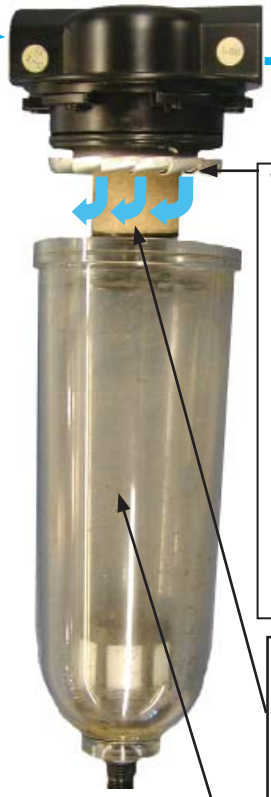
Barrel:
- Oversize length and diameter
- Machined from 6061 aircraft m alumi- num
- Mil Spec anodized inside and out for corrosion
- Large drain sump
- Can handle large surges of water

Bottom Cap:
- Mil Spec anodized for corrosion
- Elevated sump for sediment to accumulate (extended drain life)
- Easy to remove to service float drain
- Standard thread to allow for installation of optional electronic solenoid drain

Float Drain Standard:
- Easy to service Electronic solenoid drain (op tional)
- Easy to install; low maintenance Moisture Minder piston drains (optional)

Standard Filter

- Competition does not offer guaranteed product perfor mance
- 1940 s technology
- Most Filters are flow rated dry in a laboratory



Heads:
- Made of die cast aluminum
- Interior not coated, causes corrosion.

Water Separation:
- Water separation is created by centrifugal (spinning) the air.
- Does not work well with intermittent or low flows, moisture carries over
- Need high continuous flow for best performance.
- Short separation distance between air inlet and filter element moisture carries over
- Shortened elem ent life

Elements:
- Very small
- Plug Easily
- High pressure drop
- Frequent replacement required

Plastic Bowls:
- Requires metal bowl guards for safety
- Compressor oils will cause cracking
- Unable to support electric solenoid drain
- Unable to handle large surges of water

Aluminum Die Cast Bowls:
- Internal corrosion

Drains:
- Manual drains are standard on most filters
- Float drains are optional
- Location of float drains in one piece filter bowls cause premature drain failure
- Difficult replacement