Tsunami™ Water Separator  50—120—240 Series

- 30 Day Money Back Performance Guarantee!!
- Guaranteed point-of-use protection for air tools and pneumatic equipment
- Removes large amounts of moisture (Up to 1 quart of water/oil per min.)
- Unique up-flow separation takes place as air reverses direction 180° and passes through a special stainless steel mesh element
- Integral float drain ejects water and oil from large drain sump
- OEM Choice for Product Protection

Recommended
Optional Solenoid Drain Valve (EDV) For Rusty/Oily Systems

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<td>50 SCFM</td>
<td>1/2&quot; NPT</td>
<td>14-1/4&quot;</td>
<td>2-3/8&quot;</td>
<td>250 PSI</td>
<td>200° F.</td>
<td>3.25</td>
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<td>EDV — Electronic Drain Valve</td>
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**Dynamic Technology** vs **Old Technology**

**Tsunami Water Separator**
- Dynamic technology
- 30 Day Money Back Performance Guarantee
- Flow rated under heavy wet conditions

**Heads:**
- Zamak anodized and powder 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 redirected 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 aluminum
- 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 (optional)
- Easy to install; low maintenance
- Moisture Minder piston drains (optional)

**Standard Filter**
- Competition does not offer guaranteed product performance
- 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 motion (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 element 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