Dynamic Technology vs Old Technology

Tsunami™ Water Separator

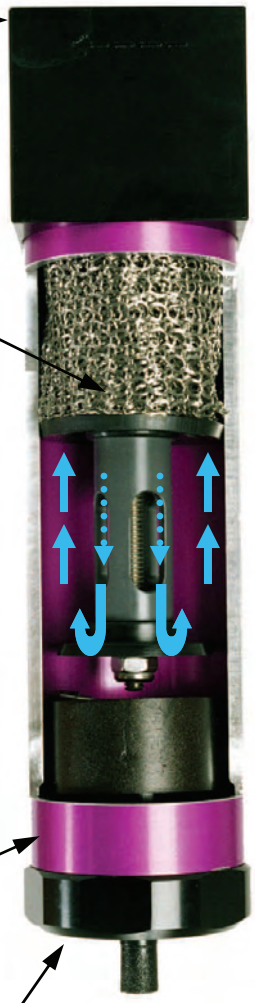
- Dynamic technology
- **30 Day Money Back Performance Guarantee**
- Flow rated under heavy wet conditions

Heads:
- Machined from 6061 aircraft aluminum, anodized. **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**

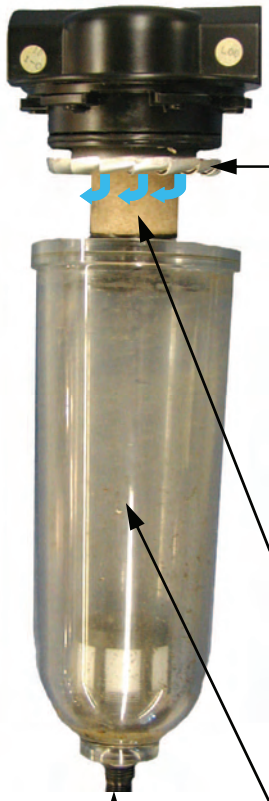


Float Drain Standard:
- **Easy to service**
- **Easy to install; low maintenance**

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**