

Dynamic 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

VS.

Old Technology

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

Tsunami Compressed Air Solutions™ is a division of

