

# WATER SEPARATORS



## FOR THE SURGES ORDINARY FILTERS CAN'T HANDLE

Tsunami filters are machined from the highest quality materials and anodized inside and out to ensure ultimate durability against trapped contaminants. Our cutting-edge technology is rigorously tested to outperform your expectations regardless of the industry or application.

- 1 Filter heads machined from 6061 Aircraft Aluminum
- 2 Oversized tube length allows both gravity & velocity to assist in the removal of trapped contaminants
- 3 Removable bottom cap provides ease of service. Machined drain port provides various drain compatibility.

## FILTER RATINGS

**Water separator removes water up to 1 quart per minute and filters particulate down to 10 micron.**

### Filter Ratings

Flow Rate: 20 - 800 scfm

Max Temp: 175°F

Max Pressure: 250 psi

### Drain Options

Float Drain

Moisture Minder® EDV

Moisture Minder® Filter Drain



## HOW IT WORKS

- 1) Air enters the filter & travels down a small diameter tube causing an increase in velocity.
- 2) The air reaches the bottom of the tube then is redirected 180° up the outer tube allowing gravity and a slower velocity to capture bulk liquids.
- 3) Velocity increases again as air is forced through small orifice baffles before entering the stainless steel mesh element.
- 4) Centrifugal force is used to capture any remaining liquids before exiting the filter.
- 5) Liquids are automatically ejected through the filter drain.



Part Number	(scfm) Max Flow	Port Size	Drain
21999-0390	20	1/4"	Float
21999-0390-ED	20	1/4"	Electronic
21999-0390-MM	20	1/4"	Pneumatic
21999-0131	50	1/2"	Float
21999-0131-ED	50	1/2"	Electronic
21999-0131-MM	50	1/2"	Pneumatic
21999-0082	120	1"	Float
21999-0082-ED	120	1"	Electronic
21999-0082-MM	120	1"	Pneumatic
21999-0850	240	2"	Float
21999-0850-ED	240	2"	Electronic
21999-0850-MM	240	2"	Pneumatic
21999-0960	800	3"	Float
21999-0960-ED	800	3"	Electronic
21999-0960-MM	800	3"	Pneumatic

● = model shown in image



Service parts can be found online at [www.tsunami.us.com](http://www.tsunami.us.com) or by contacting customer service at 1-800-782-5752.



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