

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

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a world-class solutions provider