



**TSUNAMI<sup>®</sup>**  
**PRODUCTS**

# **Water from air isn't magic... It's science.**

*At Tsunami Products, we design & build machines  
that extract water from humidity in the air —  
efficiently & economically.*

# INSIDE ATMOSPHERIC WATER GENERATOR

## 1. Air Intake

Atmospheric Water Generators (AWGs) extract water from humidity in the air. Moist ambient air is pulled into the Tsunami® unit by fans. A multi-layer air filter removes dust, pollen, and other airborne particles.

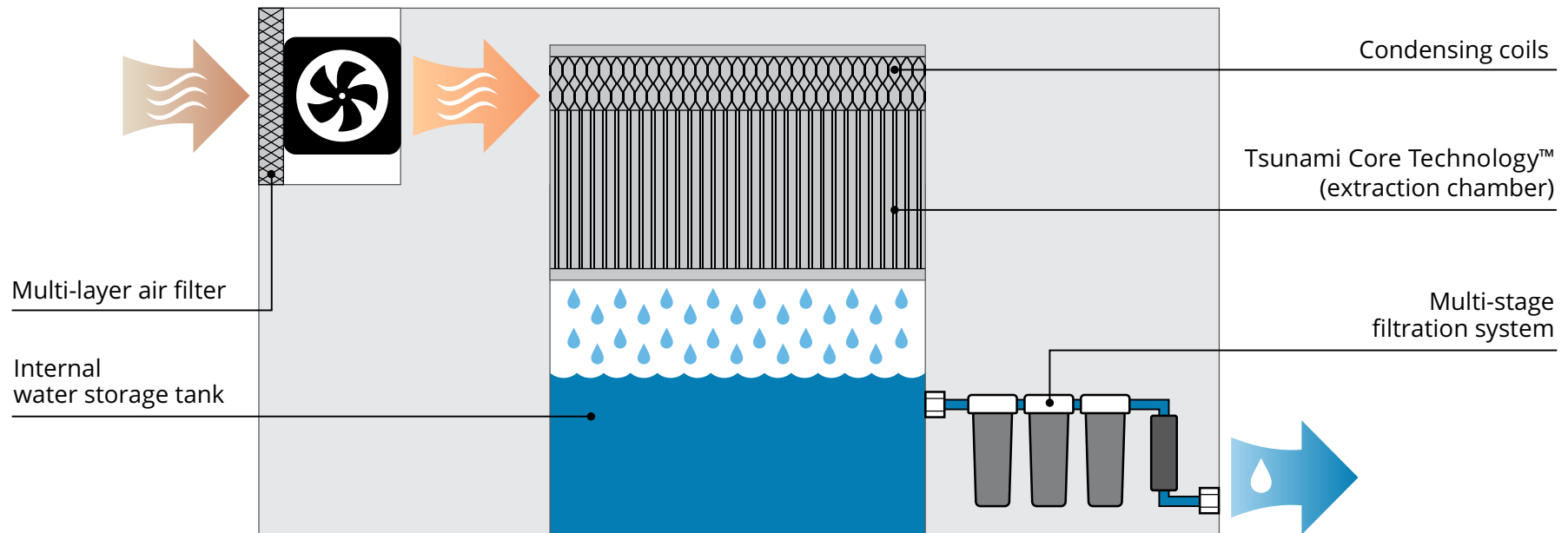
## 2. Water Extraction

Next, the air is drawn through a series of condensing coils, where water vapor is cooled down sufficiently to reach the dew point. This converts water vapor into droplets. Additionally, all Tsunami® units use Tsunami Core Technology™ — a special patented extraction chamber with a range of features that force water condensation — resulting in greater output. Water is then extracted and collected into a storage tank.

Tsunami Core Technology™ and other proprietary improvements dramatically enhance the process of water extraction, allowing Tsunami® units to achieve great energy efficiency.

## 3. Water Filtration

Collected water is purified through a multi-stage filtration system, where all the possible impurities and pathogens are removed. At this point water is completely pure & safe to drink. What's more: unlike tap water, it's chemical-free.



**Tsunami<sup>®</sup> units are designed to produce  
supreme quality drinking water,  
that is available on demand.**





## Tsunami-500

Medium-scale atmospheric water generator.

Perfect for homes, offices, schools, hospitals, gymnasiums, cafés & restaurants, hotels, and other facilities.

Tsunami-500 delivers water right to your own storage reservoir, fridge and/or integrated ice-maker, on-sink dispenser, or another dispenser of your choice.

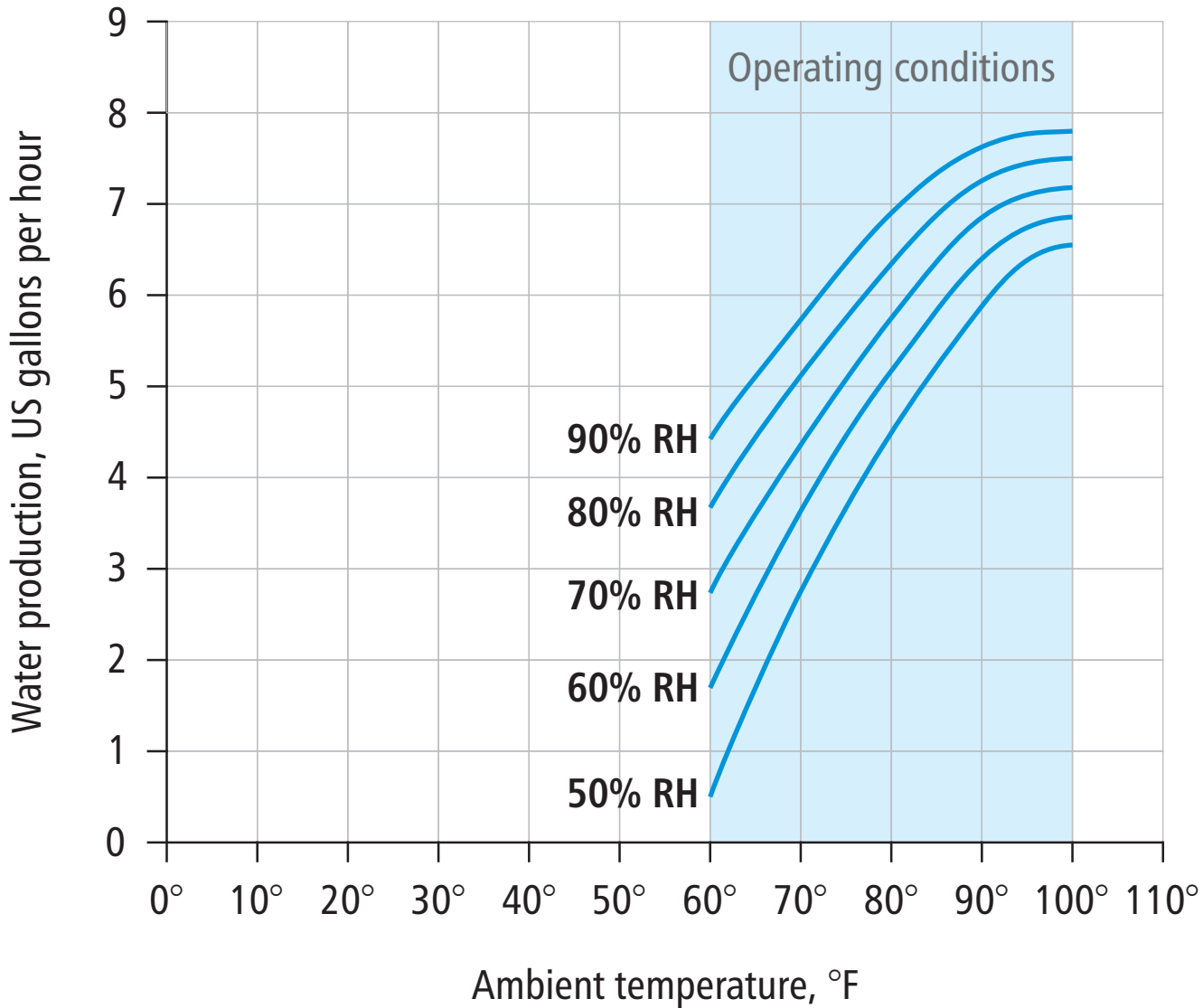
Water production rate:

**0.5 - 7.8**  
gallons per hour

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- Physical dimensions: 42" x 42" x 98" / 1 x 1 x 2.5 m (W x L x H)
  - Power source: Power Grid (Single phase) / Solar system (8000 watts).

# Tsunami-500

## Hourly water production



## Tsunami-500 Specifications

Water Production	<p><b>0.5 - 7.8 gallons per hour</b></p> <p>The higher the dew point, the more water production can be expected.</p>
Internal Water Storage Capacity	30 US Gallons
Air Filtration	High-efficiency multilayer Poly-fiber — washable & reusable
Water Filtration	Multi stage: polypropylene, charcoal, Ultra Violet light
<b>Refrigeration System</b>	
Compressor	Scroll
Rated Voltage AC	230 Volts ±10%
Frequency Hz	50/60 Hz
Phase	1 PH
Amperage Range @ rated voltage	<p><i>Run current range: 20 to 25 Amps (dependent on ambient temperature)</i></p> <p><i>Min Breaker: 50 Amps</i></p>
<b>Weights and Measurements</b>	
Physical dimensions, W x L x H	42" x 42" x 90" (1 x 1 x 2.3 m)
Weight (when empty)	850 lb (385 kg)





## Tsunami-750

Medium-scale atmospheric water generator. This multi-purpose unit is as efficient as it gets! The unit works off of a **3-phase power source**.

Perfect for homes, offices, schools, hospitals, gymnasiums, cafés & restaurants, hotels, and other facilities.

Tsunami-750 delivers water right to your own storage reservoir, fridge and/or integrated ice-maker, on-sink dispenser, or another dispenser of your choice.

Water production rate:

UP TO  
**329**gal  
(1242L) **PER DAY**

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- Physical dimensions: 42" x 42" x 102" / 1 x 1 x 2.6 m (W x L x H)
  - Power source: Power Grid (3-phase) / Solar system.
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## Tsunami-750 Specifications

Water Production	<p><b>Potential:</b> 329 US Gal / 1242 L PER DAY*</p> <p><i>*Estimated at 85°F / 29.4°C and relative humidity (RH) of 80%. As ambient temperature and RH change, so does water production.</i></p>
Internal Water Storage Capacity	No onboard storage
Air Filtration	High-efficiency multilayer Poly-fiber — washable & reusable
Water Filtration	Multi stage (custom-designed for specific installation)
Refrigeration System	
Compressor	Scroll
Rated Voltage AC	230 Volts ±10%
Frequency Hz	50/60 Hz
Phase	3 PH
Amperage Range @ rated voltage	<p><i>Run current range: 35 to 50 Amps (dependent on ambient temperature)</i></p> <p><i>Min Breaker: 60 Amps</i></p>
Weights and Measurements	
Physical dimensions, W x L x H	42" x 42" x 102" (1 x 1 x 2.6 m)
Weight (when empty)	1100 lb (500 kg)







### Renewable & Eco-friendly

Atmospheric water generation taps into nature's water cycle, mimicking conditions inside a cloud.



### Ultra-pure & Delicious Water

The multi-stage filtration process produces supreme quality drinking water.



### Scalable

The system can be scaled to meet the needs of any facility.



### Plug & Use

No assembly is required. All single container units are 100% turnkey and delivered ready-for-use.



### Self-contained & Weatherproof

Custom-designed shelter protects from exposure to ambient conditions and unauthorized access.




### 1-year Standard Warranty

Conditions apply. An extended warranty is available upon request.




### 20+ Years Lifespan

Only high-quality parts and materials are used. The units are built to last and require extremely low maintenance.



**There are multiple applications  
to atmospheric water generation technology.  
We utilized it to create other products...**





## Tsunami-R/DH – *greenhouse climate control*

Tsunami-R/DH — regenerative dehumidification unit — is designed to control the temperature inside a greenhouse, and at the same time collect excessive humidity which is condensed into reusable water.

- Use this unit for multi-faceted greenhouse climate control.
- Reduce excessive humidity that can lead to fungus growth and cell damage of plants.
- Add hot or cold air (both airstreams are a by-product of water extraction), thus increasing or decreasing temperature, as needed.
- Clean greenhouse air in the process.
- Reutilize collected water for irrigation.

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➤ Physical dimensions: 42" x 42" x 90" / 1 x 1 x 2.3 m (W x L x H)

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➤ Power source: Power Grid / Generator / Solar system.

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### Unique Technology

Greenhouse climate control combined with atmospheric water generation.



### Easy Integration

This unit can be integrated into existing greenhouse control system to make it more efficient.



### Scalable

The system can be scaled to meet the needs of any on-farm operation.



### Plug & Use

No assembly is required. All single container units are 100% turnkey and delivered ready-for-use.



### Transportable

Moved around with a forklift or crane truck. Can be towed (with optional plug axles & tow hitch) or airlifted, and set at any location.



### 1-year Standard Warranty

Conditions apply. An extended warranty is available upon request.



### 20+ Years Lifespan

Only high-quality parts and materials used. The unit is built to last & requires extremely low maintenance.





**TSUNAMI<sup>®</sup>**  
**PRODUCTS**

**MADE IN THE USA**

**Tsunami Products, Inc. is proud to be an American manufacturing company. We strive to offer innovative and quality products.**

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