# WaterStillar Family

An solar powered distiller for the purest drinking water possib built to last for decades.

Heated bathing water as a free benefit.

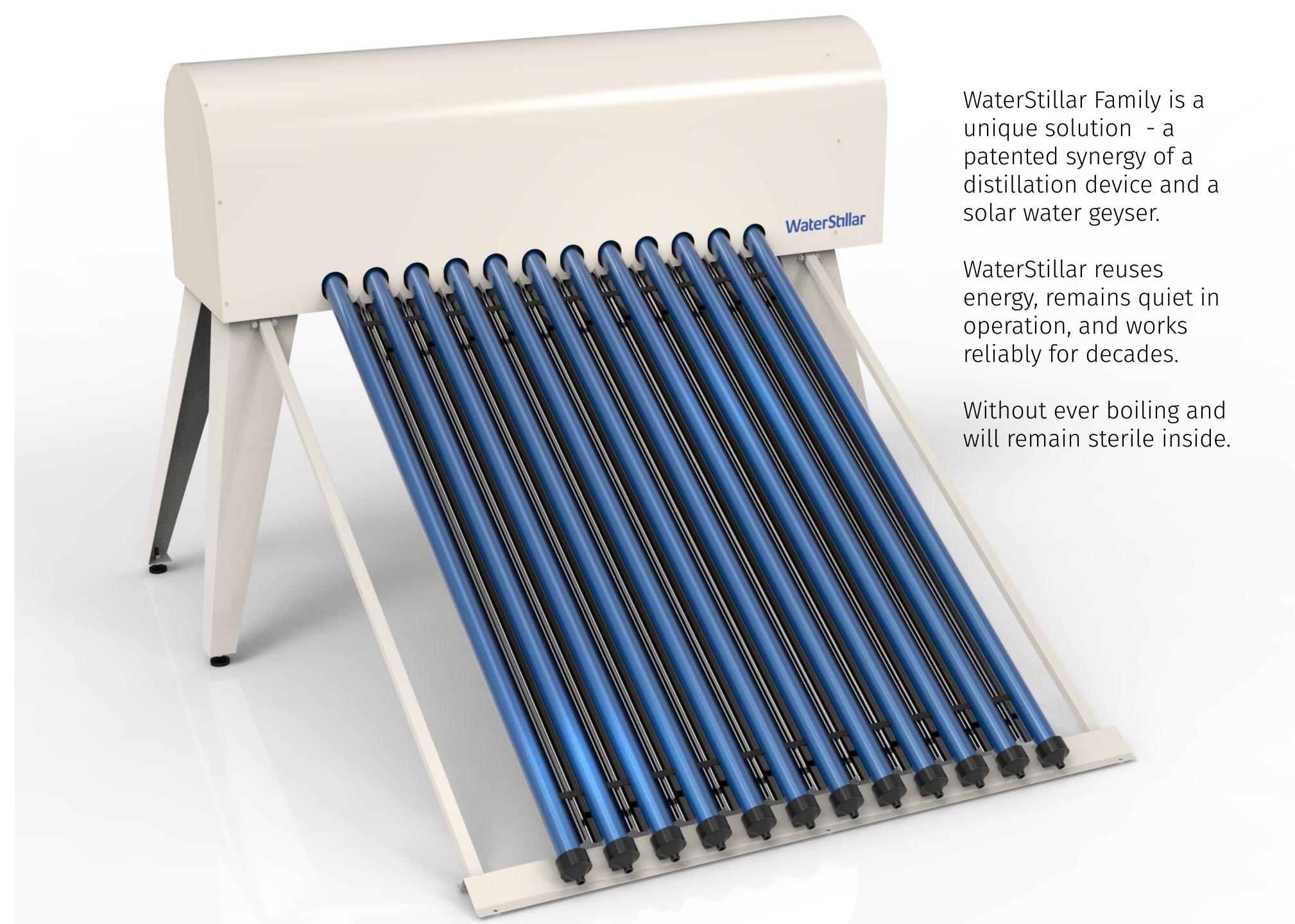


# Clean drinking water **and** hot bathing water

Clean drinking water is the most important for healthy living.

WaterStillar uses a patented process of distillation, the nature's way to produce completely pure drinking water.

Designed and made in Scandinavia to meet the highest standards possible in the build and water quality, energy efficiency, and modern design.



# WaterStillar eliminates water pollutants. Completely.

All that is needed is a sterile environment, a clever choice of materials and a process conceived so that it doesn't migrate contaminants back into the water.

WaterStillar Family reuses energy, utilizing a dry steam transfer.

An oversized activated carbon filter traps whatever chemical traces may remain after the distillation.

Waterstillar Family is low maintenance system, with optional automated flushing, overflow protection and other security features.

It is a plug & play product so easy to install.

That's a WaterStillar Family.

It may well serve you for a lifetime.



#### Distilled, not filtered.

Distillation takes pure and sterile water out of the water source, leaving all the contaminants behind.

Filters just reduce contaminants according to the pores' width in the filter membrane, nothing more.

All filters clog up in operation.

Distillation just keeps going.



#### Sterile – guaranteed.

WaterStillar works on high temperature like the autoclaves used by hospitals and dentists to keep the tools clean and sterile.

By design it is impossible for biofouling to happen inside the system. Waterstillar Family will remain perfectly sterile over time.



#### Unchanged water quality.

The quality of distilled water remains perfect and does not change over time.

Whatever pollutants your water may contain today or tomorrow, rest assured;

WaterStillar Family will remove it.

	Bottled water	Carbon filter	RO	WaterStillar
Salts				
Aluminum	?			U
Arsenic	?		•	
Asbestos	?			
Chloride	?		<u> </u>	
Chlorine	<u> </u>		*	<u></u>
Chromium (III)	?		<u></u>	<u></u>
Chromium (IV)	?	2	<u> </u>	<u></u>
Copper	?		<u></u>	<u>U</u>
Flouride	?		<u>"</u>	<u>U</u>
Lead	?		<u></u>	<u></u>
Mercury	?		<u>"</u>	<u></u>
Nitrate	?	(4)	•	<u></u>
Phosphate	?	(4)	<u></u>	<u> </u>
Sodium	?		<u></u>	<u></u>
Sulfate	?		<u> </u>	<u></u>
Dissolved solids	•			Ü
Organics				
Bromoform	?		<u> </u>	<u>U</u>
Herbicides	?		*	<u> </u>
MTBE	•		*	*
Pesticides	•	<u></u>	*	<u></u>
THMs	•	<u></u>	*	<u>"</u> *
VOCs	•	U	*	*

② = Unknown but in most cases fine drinking water

?

- \* = With carbon post treatment
- = Ineffective or no effect

Microorganisms

Bacteria

Cysts

Viruses

- = Effective, but not 100%
- = Effective and lasting purification

### WaterStillar Family. Why you should consider it.



#### Healthy

Contaminated water is the no. 1 health threat.

You indeed can take control of your drinking water.

Scientifically tested and proven.

Adding the healthy minerals, refreshing bubbles, flavors and cooling is



#### **Energy efficient**

Pure drinking water comes like a free by-product of heating the bathing water.

Family uses high quality vacuum pipes for optimum high temparatures.

You can have an electrical back-up heater, so that Family becomes your one easy.. and only hot water system.



#### Green

Besides reusing the energy, Family is built to last.

Stainless steel body and industrial quality components.

The expected lifetime is 20-30 years which leaves very little footprint.

It is repairable. All component inside are replaceable.



#### **Easy installation**

1: Mount the system on your roof or?

Connect cold + hot water and drain.

Mount the faucet and connect to the system.

Open for the cold water Intake and wait for the sun.

> 5: Ready to use!



#### Warm bath water

Reusing the heat energy from distillation, You can think of Family as a solar water heater with a lovely extra feature.

> The bathing water is not distilled, only heated.

The drinking water is made and kept in a separate and sterile tank inside.

Unlike all other solar hot water systems, Family will The maintenance can be never break due to boiling. done from the ground.



#### **Easy maintenance**

The steam unit needs to be decalcified from time to time, like a coffee machine. Perhaps twice a year.

The long intervals are due to automated flushing. Even longer intervals can be achieved if soft water is sourced.

If you use soft rain water, no maintenance is necessary.



#### **Liberates from:**

Waste

Plastic

Water transportation or carrying water

Chemicals

Noise



#### Fixed and low cost

No surprises; there are no recurring cost or hidden payments.

If you are used to buying bottled water, The savings will pay for the WaterStillar Family in a few years.

Calculating a price per litre is all about assumptions, but 0,01 € to 0,03 € would be a typical range.

Become self-sufficient in supplying your drinking water!



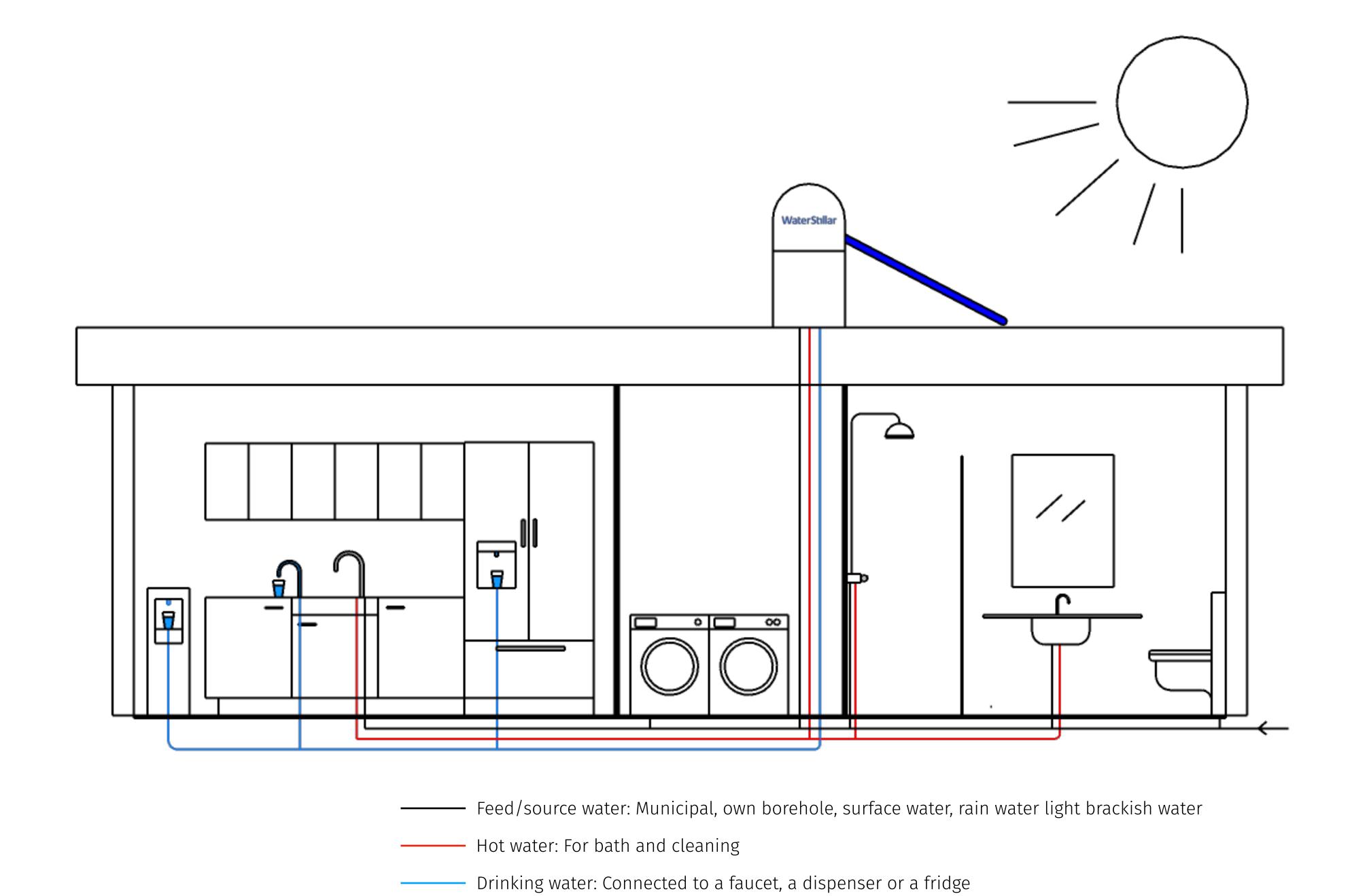
#### Free your kitchen

Family will replace your water boiler.

The only thing you will see is a faucet in your kitchen.

Wall is hidden and resides on your roof.

Completely silent



## Specifications

Hot bathing water tank: 200 litres

Max. temperature for bathing water: 95C

Max. daily distilled water: 20 litres (solar only)

Max. daily distilled water: 35 liters (with nighttime heater)

Drinking sterile water tank - internal: 55 litres

Tanks material: Stainless steel (EN 1.4521)

12 pcs XL vacuum tubes with CPC reflectors

Noise: None

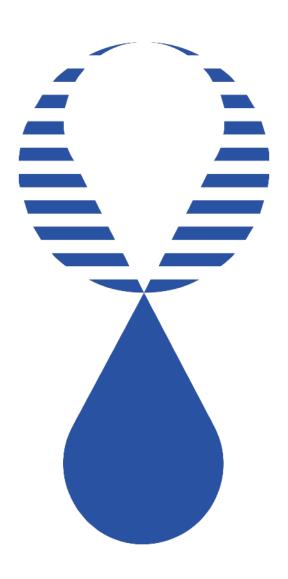
Install and maintain yourself: Yes, possible

Colour: Cream white (RAL9001)

Size: 192x50x149 cm

Weight: 225 kg (without water)
Power (optional): 1500W /230V/





For additional information please visit: <u>www.waterstillar.com</u> or

email: info@waterstillar.com