

**eVANHEE**  
CLEAN ENERGY

**VELUX®**

**SOLAR  
HOT WATER**



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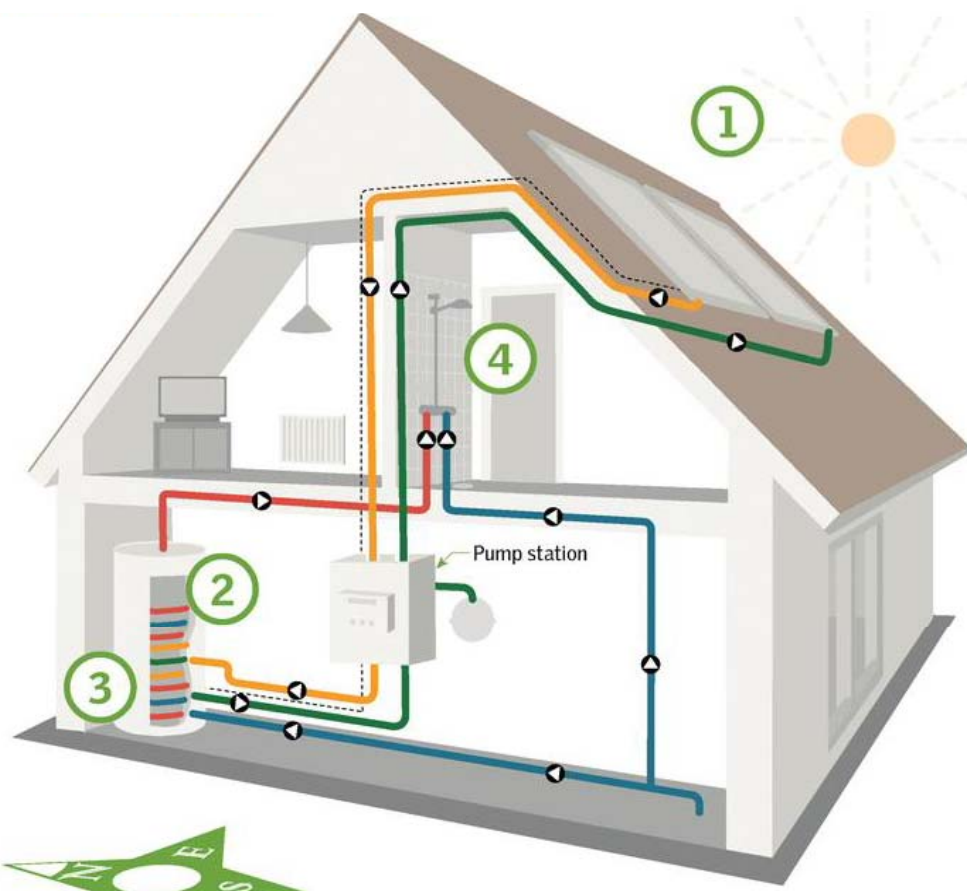
**WaterFurnace®**  
GEOPRO MASTER DEALER



For over 30 years, most respected installer of residential renewable systems in Western NY

# Solar Domestic Hot Water

## How it works



For optimum performance, VELUX solar collectors should be placed on a shadow-free, south-facing roof with a pitch greater than 3/12.

— Heated solution  
— Cold solution  
— Heated water  
— Cold water



**1** The sun heats a solution in the rooftop solar collectors.

**2** The heated solution is pumped through the heat exchanger in the hot water tank.

**3** The heat exchanger heats the water in the hot water tank and the solution recirculates back to the rooftop solar collectors, where the cycle continuously repeats.

**4** The heated water in the hot water tank is now ready for use in the home.

### Aesthetically pleasing design

VELUX solar collectors have been designed to hug the roofline, creating a streamlined, aesthetically pleasing appearance.

### Certified product

All VELUX solar water heating systems have been certified by independent testing agencies.

### Professional installers

All VELUX solar water heating systems are installed by professional installers who have completed advanced training to ensure that they deliver fast, reliable installations worthy of the VELUX brand.

### Environmentally beneficial

Solar energy is an unlimited resource.

Solar energy does not produce harmful emissions or require transportation or pipelines like electric energy does.

Solar water heating systems installed in the U.S. help reduce our household energy consumption, and the nation's reliance on toxic fossil fuels.

Solar water heating systems will work anywhere in the U.S., not just sunny states.

### Cost effective solution

On average, if you install a solar water heater, your water heating bills should drop 50% - 80%. Also, because the sun is free, you're protected from future fuel shortages and price hikes. Other financial incentives include:

- Solar energy systems can take advantage of the sun's free energy year round even at low ambient temperatures.
- Federal tax credits help pay 30% of the cost and NY state offers 25% up to \$5000 tax support.
- Between tax credits and energy savings, this system offers a faster return on your investment than other solar energy systems.
- Lower initial start-up cost than solar photovoltaic (PV) systems and over four times as efficient at capturing solar energy.

\*Source: U.S. Department of Energy EERE consumer's guide