

# DHWHP vs Thermodynamic Solar System



DHW Heat Pump	Eco - Thermodynamic Solar Systems
Good Efficiency = Harvest Energy from the Air	Higher Efficiency = Harvest energy from the Sun, Wind, Air and Rain
Fan to Make the Air Circulate	No Fans = Quieter and More Economical Operation
Requires a 150mm Hole on the Wall to Expel the Cold Air Outside	Easier to Install = No Large Holes Required
Takes Heat From the Inside of the House	Doesn't Take Heat from Inside the House = Less Heating Costs and More savings
Requires the Evacuation of Condensates	No Condensing Pipes or Drain = Faster Installation
Defrost Cycles Start at Temperature Below 7°C	No Defrost Cycles = Less Electrical Consumption and More Efficiency
Evaporator Short Life Span when Installed in Salty or High Humidity Environments (e.g. near the sea, river or lake)	Solar Panel Passed 20 years Salty Environment Exposure Test = Longer Life
Condenser Performance will Decrease with Dirt = Efficiency Drop = Cleaning Required	Solar Panel With Hydrophobic Flexible Painting Avoids the Dirt Deposition and Performs Auto-Cleaning
Difficult Access to the Mechanical and Electronic Parts	Easy to Access all Components = Easier Maintenance
Supplied in One Heavy Package = Hard to Carry	Supplied in Three Packages = Easier to Carry
Several Origins	High Quality Components from the Best European Brands Thermodynamic Group, Cylinder and Solar Panel made by Energie in Europe
Many Players in The Market	New Product = Differentiation = More Value