EXPERIENCE THE DIFFERENCE WITH SANCO2

HIGHEST FIRST HOUR RATING of any residential electric water heater *(Resistance and Heat Pumps)* provides more hot water.

FASTER RECOVERY from a hot water draw at 20+ GPH of 150ºF water to the top of the tank.

HIGHEST REAL WORLD EFFICIENCY: 80% savings over electric resistance water heaters and 40%+ over hybrid HPWH.

MOST ENVIRONMENTALLY FRIENDLY water heater on the market: CO_2 refrigerant has a low global warming potential.

SIMPLE INSTALLATION: only plumbing connections are required to connect storage tank and heat pump.

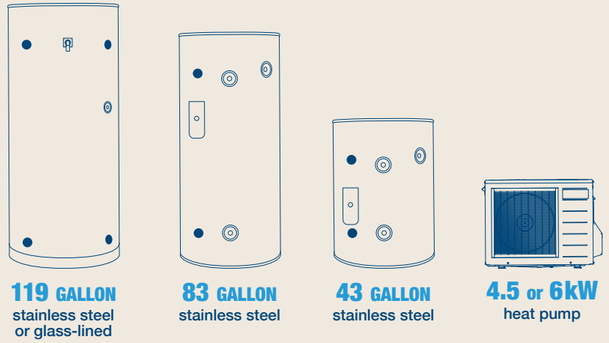
HEAT PUMP WILL MAKE HOT WATER below -25ºF to 114ºF ambient temperature.

LONGEST AND MOST COMPREHESIVE WARRANTY on the market.

NEW! Demand Response (DR) controller remotely alters performance based on utility pricing program.

BUILD YOUR IDEAL HOME SYSTEM FROM A BROAD SELECTION OF OFFERINGS:

The outdoor heat pump is rated "whisper quiet"–making it neighborhood friendly.



119 GALLON stainless steel or glass-lined

83 GALLON stainless steel

43 GALLON stainless steel

4.5 or 6kW heat pump

HEAT PUMP	4.5kW				6kW			
TANK SIZE (GALLON)	43	83	119	119	43	83	119	119
TANK MATERIAL	SS*	SS*	Glass	SS*	SS*	SS*	Glass	SS*
UNIFORM ENERGY FACTOR	3.7	3.8	3.8	3.8	AVAILABLE Q4 2026			
FIRST HOUR RATING	73 gallons	121 gallons	134 gallons	134 gallons				

*Stainless Steel

FOR MORE INFORMATION, PLEASE CALL *1-844-SANDCO2* OR EMAIL *info@eco2systemsllc.com*

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P.O. Box 1358, Walled Lake, Mi 48390

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E-Mail: info@eco2systemsllc.com
Web: www.eco2waterheater.com

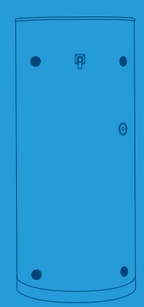
ECO2 Dealer

ECO-FRIENDLY HEAT PUMP *water heating systems*

RESIDENTIAL *solutions*

SPLIT SYSTEM
heat pump water heaters (HPWH)

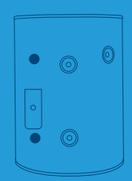
Backed by a decade of proven performance across North America, SANCO2's fifth-generation technology represents the pinnacle of sustainable water heaters for your home – natural, efficient and economical. Choose SANCO2 and step into the future of water heating.



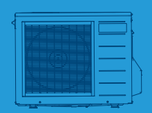
119 GALLON stainless steel or glass lined

83 GALLON stainless steel

ENERGY STAR



43 GALLON stainless steel



4.5 or 6kW heat pump

10 YEAR ANNIVERSARY

GEN5

SANCO2 CUSTOMIZE YOUR SPLIT SYSTEM HPWH

The SANCO2 heat pump water heater system consists of two components, a heat pump unit and a separate storage tank. The heat pump, located outside of your house, quietly produces hot water using a natural CO_2 refrigerant to extract heat from the ambient air.

The insulated storage tank is located inside your house and stores the water for use when needed. Optional items include a system controller and cold climate temperature accessories.

Our residential portfolio allows you to not only choose the solution that best meets your family's needs, but also to maximize efficiency, system performance and cost savings.

5 STEPS TO BUILD YOUR RESIDENTIAL SANCO2 SYSTEM:

1 DETERMINE HOT WATER DEMAND

Use the ECO2 Systems sizing tool to determine how much hot water is used daily in your home. Based on the number of gallons consumed, the tool will recommend the number of SANCO2 heat pumps and the tank size needed.

2 SELECT TANK SIZE AND MATERIAL

There are four SANCO2 storage tank options available to satisfy daily hot water demand. Most households are well served with either a 43- or 83-gallon stainless steel tank. However, a 119-gallon tank is also available for larger residences.

3 SELECT HEAT PUMP SIZE

For most residential applications, a single 4.5kW heat pump will generate more than enough hot water. Under special circumstances, multiple heat pumps may be required.

4 OPTIONAL: SELECT CONTROLLER & ACCESSORIES

Several optional components and accessories are available to complete the SANCO2 System, including a controller, mounting materials, freeze protection, and heat tapes. Consult our website or your contractor to determine which items meet your needs.

5 PARTNER WITH AN ECO2 CERTIFIED CONTRACTOR

ECO2 has a robust network of professional contractors who specialize in sustainable home water heater systems. They design, install and provide ongoing product support.

ECO2 SYSTEMS

EXPLORE THE TECHNOLOGY OF SANCO2

SUPERIOR COMPONENT DESIGN

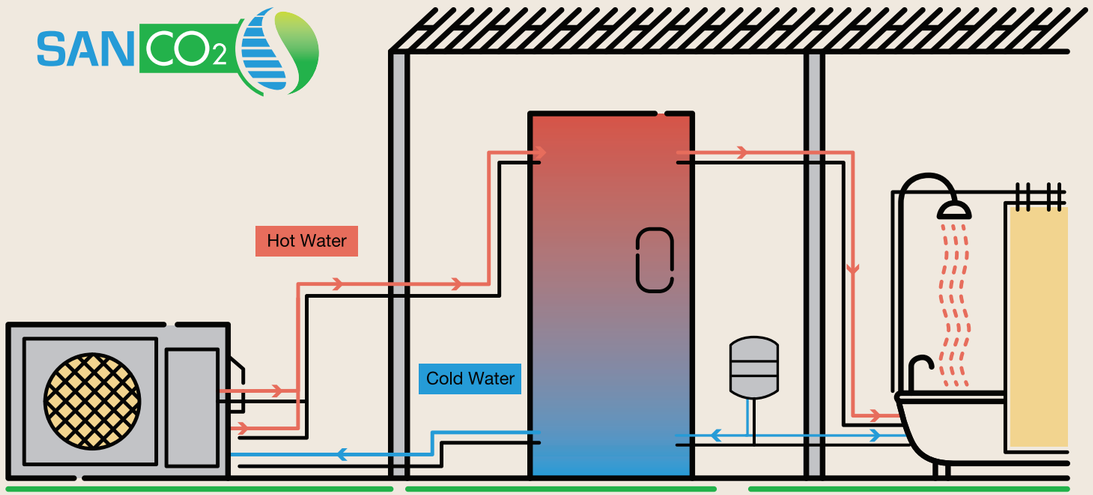
FIFTH-GENERATION HEAT PUMPS

- **Natural Refrigerant (CO_2)** – highly efficient method for heating water.
- **Operates in cold temperatures** – producing hot water below -25°F ambient temperature without supplemental electric resistance heating elements.
- **Inverter Compressor** – increases efficiency by varying the speed of the compressor and hence the amount of electrical energy used.
- **DC Fan & Water Pump** – powered by direct current (DC) allowing both to run at a speed based on load requirements to optimize energy efficiency.
- **Gas Cooler** – optimized design enablesindustry leading heat transfer efficiency from CO_2 refrigerant to water.

CUSTOMIZED STORAGE TANKS

- **Stainless steel and glass-lined options**
- **Stratification** – Proprietary design creates separation of water into horizontal layers with warmer water floating above colder water resulting in higher performance.
- **Water Connections** – optimized water inlet and outlet locations.
- **Space Optimization** – tank location does not require any ventilation.
- **Thermostatic mixing valve** – deliver tempered water to the home or building.
- **Pressure and temperature relief valve** – for installation of 43- & 83-gallon tanks.
- **Straightforward installation** – a simple connection between the outdoor heat pump unit and your indoor storage tank.

OPTIMAL SYSTEM INTEGRATION



TO FIND A CONTRACTOR NEAR YOU, VISIT *eco2waterheater.com/where-to-buy-residential*