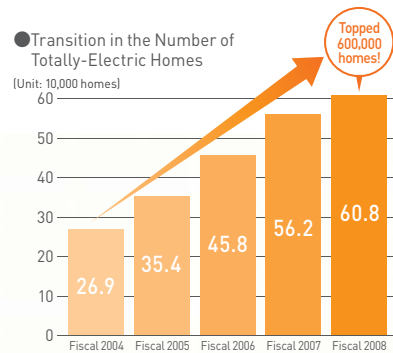


Safe, comfortable, economical and environment-friendly: Welcome to the totally-electric lifestyle.

Eco In a totally-electric home, eco-conscious living and high customer satisfaction come together.

While providing the electricity people depend on everyday, Kansai EP is always looking for new ways to satisfy customers and improve the global environment. To that end we recommend totally-electric homes. Marketed in Japan as "Happy-E Life" homes, these residences offer superior performance in four key areas: They are environment-friendly, safe, comfortable and economical. More than 600,000 homes in our service area have already

become totally-electric homes, and staff at our sales offices and showrooms continue to promote this forward-looking concept.



* Survey by Kansai EP. Includes smaller residential units, such as studio apartments. All figures indicate cumulative data.

Four advantages of the totally-electric home

Environment-friendly: Uses advanced air-source heat pump (heat exchange) technology. EcoCute products supply hot water with three times the heating energy of conventional electricity, slashing CO₂ emissions.

Safe: No flames means a safer lifestyle. Totally-electric homes are safer for everyone in the family, from small children to the elderly.

Comfortable: Easy cleaning and maintenance. Totally-electric homes minimize air contamination, so the kitchen, living room and other areas stay cleaner and healthier.

Economical: Saves money. The discount plan available in totally-electric homes and the use of energy-efficient EcoCute products save money.

IH stove-tops are safer for everyone in the family to use.

An IH (induction heating) stove-top generates heat inside the pot or pan, not by a flame or burner heating the outside of the pot or pan. There's no flame or hot burner at all – so there's no danger caused by a flame going out (while the gas is still on), or the burner being left on accidentally. Cleaning is easy too. Spilled oil can be simply wiped away. To help publicize the advantages of the IH stove-top, Kansai EP conducts cooking classes in our showrooms. This gives consumers an opportunity to see for themselves how safe and easy-to-use the IH stove-top is.

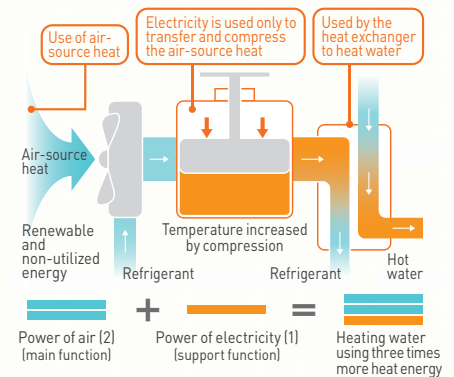


EcoCute saves electricity, slashes CO₂ emissions.

In a typical home, about one-third* of the energy consumed is for heating water. EcoCute is ready to change all that. Using advanced air-source heat pump technology, EcoCute electric hot-water supply systems heat water by using heat energy that is three times more than that of the electricity consumed. Their high energy efficiency also slashes CO₂ emissions.

*Source: Handbook of Energy & Economic Statistics in Japan (2008 Edition), The Institute of Energy Economics, Japan

How an EcoCute system works



CO₂ emissions per family [Based on a Kansai EP estimate of annual CO₂ emissions from a 4-member family in a home with four rooms, a living room and a combined kitchen and dining room]



*The amounts of electricity and gas consumed by a 4-member family living in a house with four rooms, a living room and a combined kitchen and dining room were estimated by Kansai EP. The annual load of the hot-water supply system is 16.3 GJ. ●The 370-L, 1.5-kW EcoCute model was used for the calculation. The annual consumption of electricity was estimated to be 1,507 kWh (daytime: 161 kWh, nighttime: 1,346 kWh). "Happy-E Plan" is applied. ●The amount of gas consumed by the natural gas hot-water system was estimated to be 431 m³. ●The equipment efficiency is APF = 3 for the EcoCute model (data source: manufacturer) and 85% for the natural gas hot-water supply system (data source: Osaka Gas catalog). ●The CO₂ emission factor is 0.366 kg-CO₂/kWh for electricity (based on actual measurements [provisional values]).

Installing an EcoCute electric hot-water system can reduce CO₂ emissions by around **435kg every year.**

