

Heat Pump Floor Heating with Air Conditioning “CORONA Ecodan Cool Air Conditioning” Receives Agency for Natural Resources and Energy Commissioner’s Award at the 2019 Energy Conservation Grand Prize

Tokyo, Japan, December 23, 2019--Haseko Corporation (head office: Minato-ku, Tokyo; president: Noriaki Tsuji) announced that **CORONA Ecodan Cool Air Conditioning**—a heat pump with air conditioning jointly developed with Corona Corporation (head office: Sanjo City, Niigata Prefecture; president: Kazuyoshi Kobayashi)—has received the **Agency for Natural Resources and Energy Commissioner’s Award** at the **2019 Energy Conservation Grand Prize (Household Sector)** in the Product & Business Model Category.

■ Overview of Award

CORONA Ecodan Cool Air Conditioning uses a single heat pump outdoor unit with the air conditioner’s remote control for synchronized control of the air conditioner’s cooling function in summer as well as the air conditioner’s heating function and the hot-water floor heating system in winter. This offers both the rapid heating performance of an air conditioner and the comfort of a floor heating system. It has also been recognized as equipment that achieves high environmental and energy-saving performance. The product’s key features are: (1) synchronized operation of air conditioning and floor heating; (2) adoption of highly efficient floor heating panels with high pipe density; and (3) improved efficiency through modifications such as changing the pattern of the heat exchange plate and making it thinner. Achieving an industry-leading average coefficient of performance (COP) of 4.18 to 4.44 for the air conditioner’s heating function and floor heating, it is a system that can reach the indoor environment comfort zone recommended by the Society of Heating, Air-Conditioning and Sanitary Engineers of Japan in the shortest time. At the same time, it achieves the ZEH-M Oriented standard for Net-Zero Energy Houses.



It has been decided that this product will be adopted by **Renai Minami Kashiwa Ekimae** (location: Kashiwa City, Chiba Prefecture; total units: 59) and **Renai Ageo** (tentative name; location: Ageo City, Saitama Prefecture; total units: 80) to be sold by Sohgo Real Estate Co., Ltd. (head office: Minato-ku, Tokyo; president: Keijiro Sekioka).

Haseko will continue to develop and promote energy-saving and environmentally friendly products and services.

Overview of Properties Adopting This Product

■Renai Minami Kashiwa Ekimae

Address: 1-4-1 and 1-4-7 Minami-Kashiwa, Kashiwa City, Chiba Prefecture (plots numbers)

Access: 1 minute on foot from Minami-Kashiwa Station on JR Joban Line

Total units: 59

Structure and scale: Reinforced concrete structure, 12 floors above ground

Seller: Sohgo Real Estate Co., Ltd.

Design: Haseko Corporation

Construction: Haseko Corporation

Planned completion: Mid-March 2020 (planned)

Move-in date: Mid-April 2020 (planned)

Website: <https://www.sgr-sumai.jp/mansion/r-kashiwa/>



Artist's impression of exterior of Renai Minami Kashiwa Ekimae

■Renai Ageo (tentative name)

Address: 964-3 Miyamoto-cho, Ageo City, Saitama Prefecture (plot number)

Access: 7 minutes on foot from Ageo Station on JR Takasaki Line

Total units: 80

Structure and scale: Reinforced concrete structure, 10 floors above ground

Seller: Sohgo Real Estate Co., Ltd.

Design: Haseko Corporation

Construction: Haseko Corporation

Planned completion: Late February 2021 (planned)

Move-in date: Early April 2021 (planned)



Artist's impression of exterior of Renai Ageo (tentative name)