



AIR-TO-WATER HEAT PUMPS



"COOPER&HUNTER" SOCIAL RESPONSIBILITY PROJECT "WE SAVE THE PLANET" HAS LAUNCHED

In Autumn 2019, Global HVAC brand Cooper&Hunter announced the launch of long-term project "We Save the Planet".

This project has been covering more than 45 countries all over the world where Cooper&Hunter equipment is sold.

By definition, corporate social responsibility is a voluntary contribution of a company to social, economic and environmental areas, which is directly related to the company's business.

Cooper&Hunter company has decided to implement strategic and systematic approach to support environmental efforts, sport associations and other social activities.

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Cooper & Hunter

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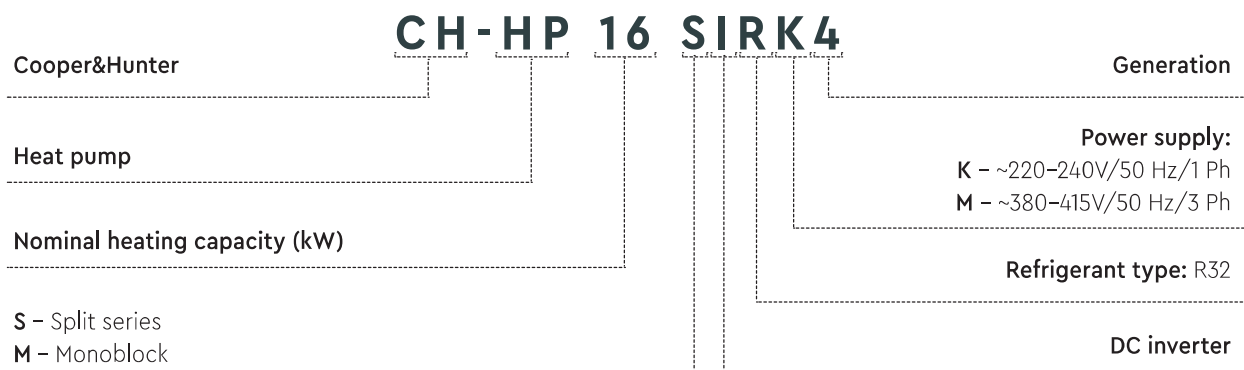
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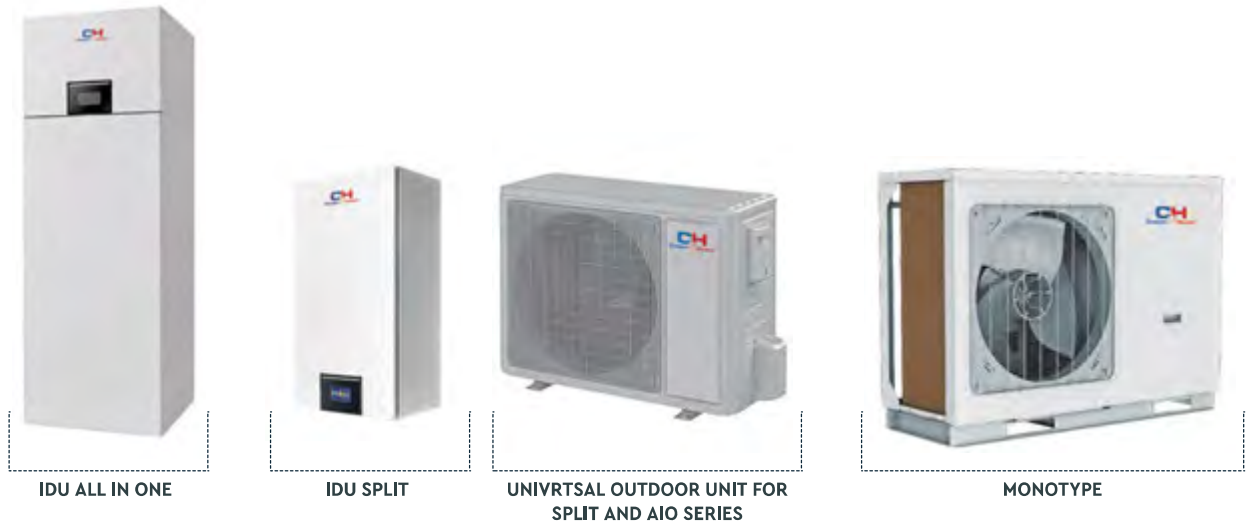


Heat pumps Unitherm 4 embraces DC-inverter technology to transfer the heat of outdoor air into the heat for heating the premises and sanitary warm water. In the summertime, Unitherm 4 works in reverse mode to cool the indoor air. Using a free energy outdoor air heat pump significantly reduces heating, air conditioning, and hot water expenses. Unitherm utilizes environmentally friendly refrigerant and thus minimizes the negative impact.

NOMENCLATURE

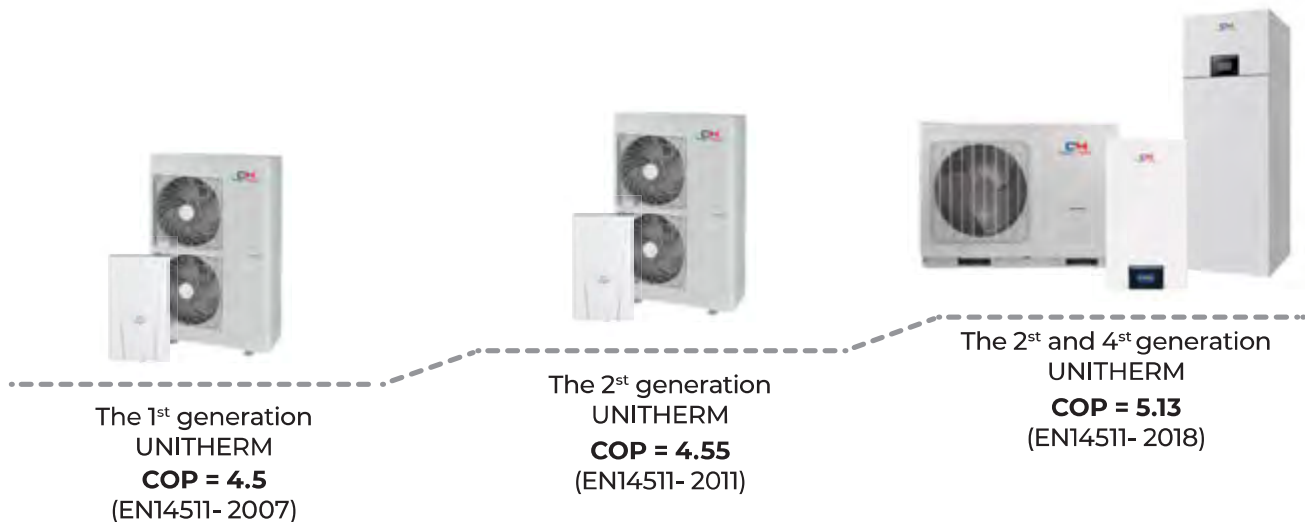


AIR-WATER HEAT PUMP WITH DC-INVERTER TECHNOLOGY



EVOLUTION OF PRODUCT

Cooper&Hunter develops Unitherm heat pumps for many years. Three generations of Unitherm proved to be reliable and durable machines. Unitherm 4 attained the highest standards of quality control (EN14511-2018) and energy efficiency – COP=5,13



FIVE MODES OF OPERATION

HEATING	COOLING	WATER HEATING	HEATING+WATER HEATING	COOLING + WATER HEATING
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Wide Range of Operation Temperature

Heating	-25~35 °C
Cooling	10~48 °C
Water Heating	-25~45 °C

Hot Water Temperature Range

Domestic water: 40 °C to 80 °C

HEATING: -20~60°C

COOLING: 7~25°C

