



GEOHEAT

Packaged water-to-water reciprocating heat pump for indoor use, for domestic hot water production

Heating capacity from 10 kW to 100 kW for **domestic hot water** production applications or **process heating** with high delta temperature, up to 90 °C



Semihermetic reciprocating compressors



Plate exchangers



Low Noise



Indoor installation



Natural Refrigerant



Plug&Play



Connectivity



High hot water temperature

HVAC

CO₂ Heat pumps

ENEX's packaged water-to-water reciprocating heat pump for indoor use, with highly sustainable R744 refrigerant, is suitable for domestic hot water production, in hotels, laundries, hospitals, gyms and in general where large quantities of DHW are required. Capable of heating hot water from 10 to 90°C in one pass with outstanding efficiency, as a result of the advantageous characteristics of the CO₂ transcritical cycle.

FEATURES

- Stainless steel piping
- Electronic expansion valve
- Proprietary control software
- Variable speed water pump
- Remote monitoring
- Connectivity via Modbus TCP/IP

OPTIONS

- Double wall heat exchanger
- Water pump suitable for domestic hot water
- Soft starter

APPLICATION



Hospitality



Healthcare



Apartment building



Swimming pool

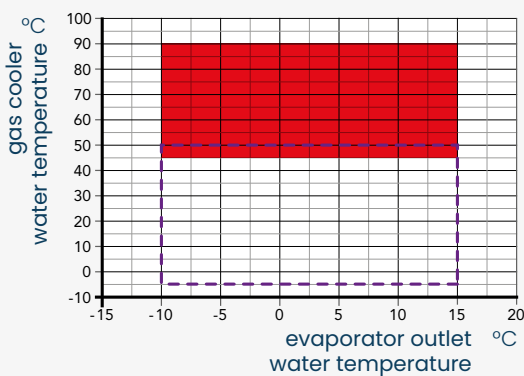


Laundry





Sports & Leisure

Operating range



$\Delta T \text{ min} = 20K$

-  Heating mode - Water outlet
-  Heating mode - Water inlet