



## AIRHEAT

Packaged air-to-water reciprocating heat pump for outdoor 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



EC Axial fans



Semihermetic reciprocating compressors



Plate exchangers



Low Noise



Outdoor installation



Natural Refrigerant



Connectivity



Plug & play



High hot water temperature

## HVAC

### CO<sub>2</sub> Heat pumps

ENEX's packaged air-to-water reciprocating heat pump for outdoor 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 CO<sub>2</sub> transcritical cycle.

#### FEATURES

- Finned pack evaporator
- Stainless steel piping
- Hot gas defrost
- Electronic expansion valve
- Proprietary control software
- Variable speed water pump
- Remote monitoring
- Connectivity via Modbus TCP/IP
- $\Delta T$  up to 85K

#### OPTIONS

- Double wall heat exchanger
- Water pump suitable for domestic hot water
- Soft starter
- Low noise
- Cold recovery
- Coil enhanced corrosion protection
- Energy meter

#### APPLICATION



Hospitality



Healthcare



Apartment building



Swimming pool

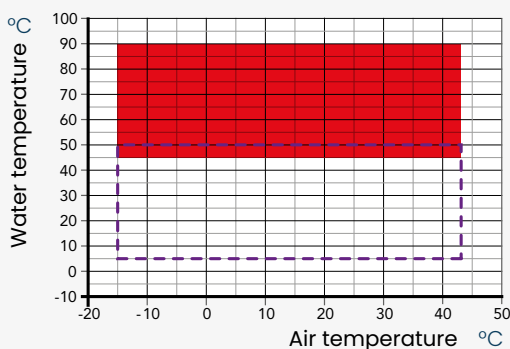


Laundry





Sports & Leisure

#### Operating range



$\Delta T$  min = 20K

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