



GEHP 4HEAT: ENERGY EFFICIENCY AHEAD

The **Gas Engine Heat Pump** developed to produce hot water up to **28,000 lt/day at 50°C** with efficiency beyond **300%**



Renewable



Aerothermal



Innovative

AIR/WATER HEAT PUMP



BENEFITS

- + Use of air as renewable source
- + Direct use of primary energy
- + Only use 1/10 of available electricity capacity
- + Low operational costs



FEATURES

- + Energy Class: A++
- + Water temperature outlet: +50°C
- + Operation range: from -20°C to +35°C outdoor temperatures
- + Safety devices included
- + Heating output (heating service)
- + Domestic Hot Water output (service)
- + Heating+DHW integrated outputs
- + Remote managing system built-in

OPTIONALS

- + Expansion Module 1: back up and integration units management (2 boilers, 1 EHP)
- + Expansion Module 2: domestic hot water circuit management

GEHP 4HEAT – Product specifications

Outdoor Temperature [°C]	-7	+2	+7	+12	+19	+27	+35
Capacity [kW]	50,8	54,0	43,4	38,9	42,8	49,1	55,6
Primary Energy Ratio*	85%	108%	146%	194%	207%	220%	240%

*as per EN16905



GEHP 4HEAT: seasonal efficiency in Europe



City	Min. outdoor temperature °C	Seasonal Efficiency %
Tel Aviv	-0,8	244,0%
Athens	2,2	226,0%
London	-3,8	169,0%
Paris	-7,2	179,0%
Strasbourg	-8,8	167,0%

GEHP 4 HEAT: A NATURAL CHOICE



HOTEL



FLATS



HOSPITALS



POOLS

GHP HELLAS
AIR CONDITIONING WITH NATURAL GAS

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