





### **YUKON D**

# Split air-to-water heating only reciprocating heat pump with remote evaporator

Heating capacity from 36 kW to 560 kW





Remote gas cooler



Water-cooled (option)



Semihermetic reciprocating compressors



Plate exchangers



Low Noise



Indoor/ Outdoor installation



Inverter technology



Connectivity





High hot water temperature



## **District Heating** CO<sub>2</sub> Heat pumps

The YUKON D split air-to-water heating only reciprocating heat pump with remote evaporator from ENEX uses highly sustainable R744 refrigerant. It is based on a transcritical  $CO_2$  cycle, and is the ideal choice when water must be heated at high temperatures (up to 80°C) with a large  $\Delta T$ , such as in district heating applications, and when a non toxic/non flammable refrigerant is preferred.

#### **FEATURES**

- · Welded steel frame
- · Reciprocating compressors
- Stainless steel piping
- Proprietary control software
- Mechanical backup valves
- · Frequency converter on first compressor
- · Ducting of relief valves
- Connectivity via Modbus TCP/IP
- Energy meter
- · Remote monitoring
- ΔT up to 70K in heating mode
- Liquid receiver with PS 80 bar
- Pressure rating HP side PS=130 bar

#### **OPTIONS**

- Up to 2 heat recovery exchangers for low, medium or high  $\Delta T$
- Cladding for outdoor use & noise reduction
- Remote evaporator (standard and low noise)

#### **APPLICATION**



Industry

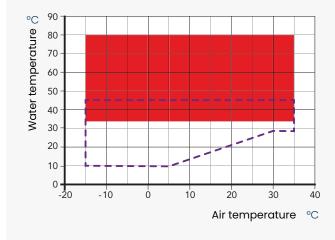


District heating



Hospitality

#### **Operating range**



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Heating mode - Water outlet

Heating mode - Water inlet