



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



Natural Refrigerant



High hot water temperature

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 CO₂ cycle, and is the ideal choice when water must be heated at high temperatures (up to 80°C) with a large ΔT , 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 ΔT
- Cladding for outdoor use & noise reduction
- Remote evaporator (standard and low noise)

APPLICATION



Industry



District heating



Hospitality

Operating range

