YUKON R

Split air-to-water reciprocating 4-Pipe unit with remote reversible gas cooler

Cooling Capacity from 34 kW to 570 kW
Heating Capacity from 34 kW to 545 kW

- Remote gas cooler
- Water-cooled (option)
- Semihermetic reciprocating compressors
- Plate exchangers
- Flooded evaporator
- Low Noise
- Indoor/ Outdoor installation
- Inverter technology
- Natural Refrigerant
- Connectivity
- High hot water temperature

ENEX's YUKON R split air-to-water reciprocating multi-purpose unit with remote reversible gas cooler, using highly sustainable R744 refrigerant, is ideal for all HVAC applications where simultaneous or independent production of chilled and hot water is required, such as hotels and buildings. Based on a transcritical CO_2 cycle and featuring a gravity fed flooded evaporator, it is suitable when a non toxic/non flammable refrigerant is preferred, when the installation is split, for example for noise requirements, and when heat recovery at high temperature (up to 80°C) is required.

FEATURES

- Welded steel frame
- Gravity fed flooded evaporator
- 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
- Liquid receiver with PS 80 bar
- Pressure rating HP side PS=130 bar
- ΔT up to 70K in heating mode

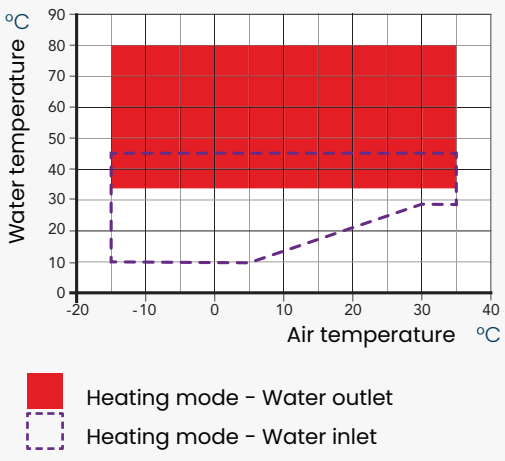
OPTIONS

- Up to 2 heat recovery exchangers for low, or high ΔT
- Cladding for outdoor use & noise reduction
- Ejector (on some models)
- Gas cooler bypass (LT kit for low ambient in cooling mode)
- Remote reversible gas cooler (standard and low noise)
- Pressure rating HP side 130 bar with extended envelope

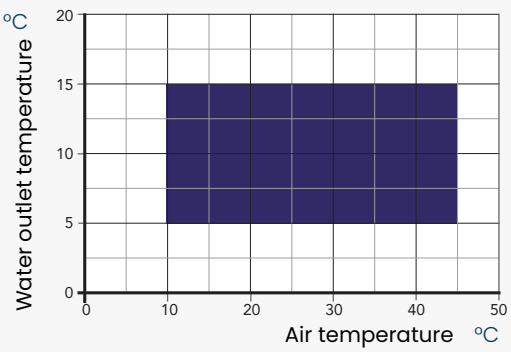
APPLICATION

- Hospitality
- Office building
- Healthcare
- Shopping mall
- Airport
- Sports & Leisure

Operating range



Heating mode - Water outlet
Heating mode - Water inlet



Cooling mode