



YUKON W

Water-to-water reciprocating heat pump

Heating capacity from 36 kW to 3000 kW



Flooded
evaporator



Water-cooled



Semihermetic
reciprocating
compressors



Plate
exchangers



Low
Noise



Indoor/Outdoor
installation



Inverter
technology



Connectivity



Natural
Refrigerant



High hot water
temperature

The Yukon W water-to-water reciprocating heat pump is based on a transcritical CO₂ cycle. It is the ideal choice for industrial and large district heating systems using water as a source, when water must be heated at high temperatures (up to 80°C) and the hot side return temperature is below 35°C.

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
- Liquid receiver with PS 80 bar
- Pressure rating HP side PS=130 bar

OPTIONS

- Cladding for outdoor use & noise reduction

APPLICATION



Industry

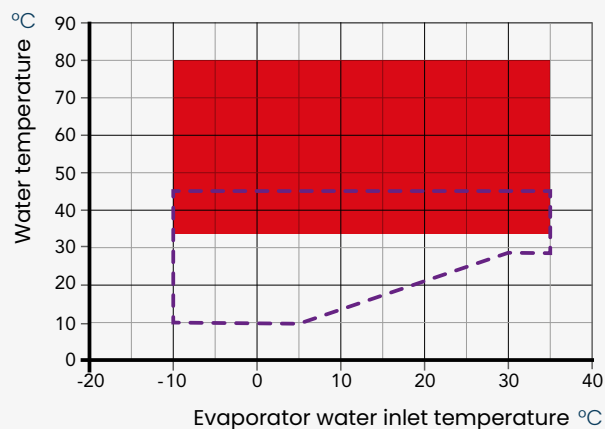


District heating



Hospitality

Operating range



Heating mode - Water outlet

Heating mode - Water inlet

Evaporator water outlet temperature: +15°C to -15°C