



## Transcritical CO<sub>2</sub> Heat Pump (Prototype)

Air to water outdoor unit of a transcritical heat pump. One compressor, evaporator, receiver station and expansion valve are mounted in a weatherproof housing. Transcritical configuration enables all season operation. Design pressure 120/90 bar.

For more cooling capacity or better capacity control ask for our compressor racks with 2 or more compressors.

### Performance data

Example. Please contact us for individual enquiry.

Außeneinheit Outdoor unit		COWP 14	
Air in	[°C]	+20	-5
Heating capacity	[kW]	25,0	14,1
Power input	[kW]	5,4	4,9
COP <sub>Heat</sub>	[ ]	4,6	2,8
Water in	[°C]	20	
Water out	[°C]	75	

Length	[mm]	2100
Width	[mm]	1300
Height	[mm]	2200
Weight	[kg]	990

### Features

- different types of compressor
- housing powder coated
- safety valves mounted
- electrical cabinet | modular design
- stainless steel piping

### Accessories

- Indoor unit available (gas cooler) |
- variable water pump | Sound insulation

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