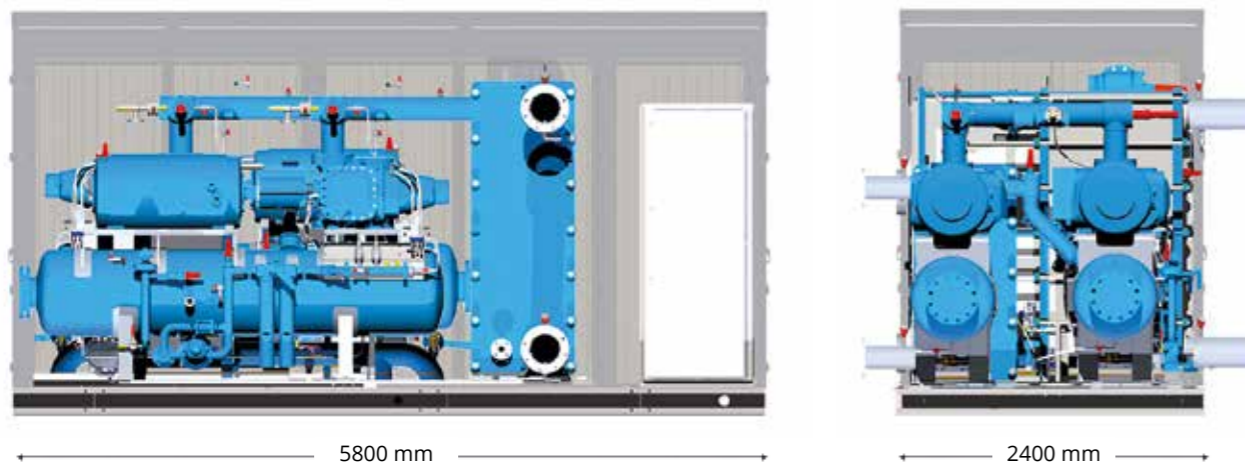


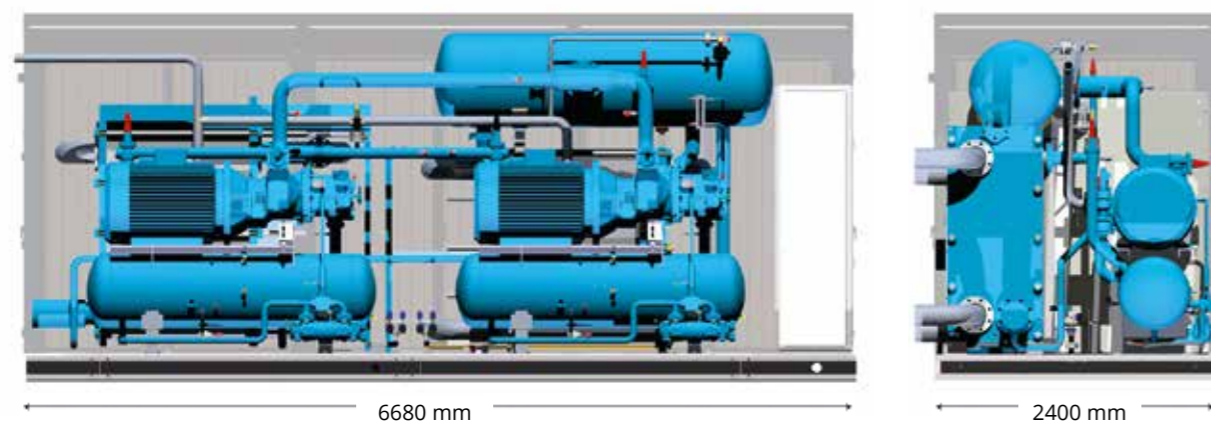
## Product line

ecomatik®, thanks to the double compressor, it's suitable for applications with very variable loads, while keeping a high level of efficiency in every condition

### ecomatik® dry expansion



### ecomatik® flooded



### Characteristics:

- Powers up to 4500 kW
- Temperatures up to -45°C
- Electric engines with high efficiency up to IE4
- Double compressor
- Automatic oil recovery
- Small size in relation with the supplied power
- Plates exchangers
- Cold parts insulation
- PED 97/23/CE Certification and test according to ISO 9001:2008

### Options and accessories:

- Dry expansion version, further refrigerant charge reduction
- Inverter installation possibility on all electric engines
- Stainless steel or titanium plates flooded evaporator
- Available supervision and telemetry system for on-the-web management **telematik®**
- Screw or piston compressors (partial and/or total heat recovery)
- New soundproofing cabin with integrated safety devices
- Pumping unit on the machine board
- Remote type electrical panel
- Available with evaporative condenser
- Integrated separator with economizer
- Accounting cooling and power system

# Water chiller

ecomatik®



We have more than  
60 ecomatik®  
working  
since 1994

## Technical data

### Screw compressor

Condensation water  
30/35°C

	water +7°C/+12°C					water/glycol -4°C/-8°C				
Chilling power	500 kW	1500 kW	2500 kW	3000 kW	4500 kW	400 kW	1000 kW	1500 kW	2500 kW	3000 kW
EER	6.62	6.86	6.70	6.69	6.73	4.11	4.07	4.14	4.12	4.01
	water/glycol -20°C/-25°C					pumped ammonia -35°C				
Chilling power	200 kW	500 kW	800 kW	1000 kW	1500 kW	200 kW	500 kW	800 kW	1000 kW	1500 kW
EER	2.32	2.29	2.30	2.44	2.45	1.81	1.77	1.79	1.88	1.89

### Piston compressor

Condensation water  
30/35°C

	water +7°C/+12°C					water/glycol -4°C/-8°C				
Chilling power	500 kW	800 kW	1500 kW	2000 kW	2500 kW	100 kW	400 kW	800 kW	1000 kW	1500 kW
EER	6.60	6.67	6.71	6.64	6.55	3.52	3.84	3.87	3.88	3.87