

High
Efficiency
Solutions.


CAREL

Natural
Efficiency
available
now

together

@



Natural Efficiency
available now

HeOS system

**R744
R290**

Energy efficiency



80%
Refrigerant charge
reduction

Easy installation
and maintenance



Refrigerant Neutral



Compatible with all refrigerants



Flexibility

Environmentally
friendly



30%

Maintenance
saving

96%
Refrigerant leak
reduction

Focus in depth analysis with HEOS



Savings:



Efficiency:

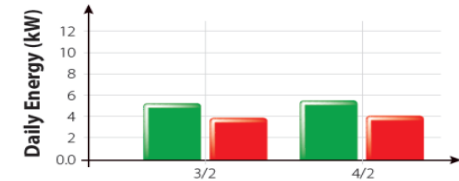
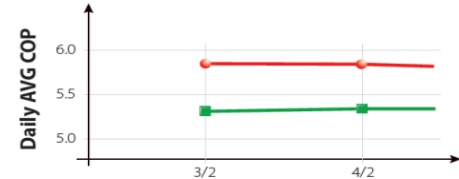
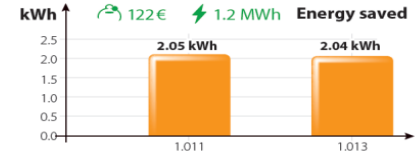
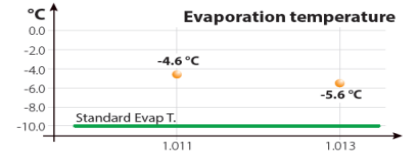
- 77.41 €
- 595 kWh
- 238 t CO₂



Group Efficiency

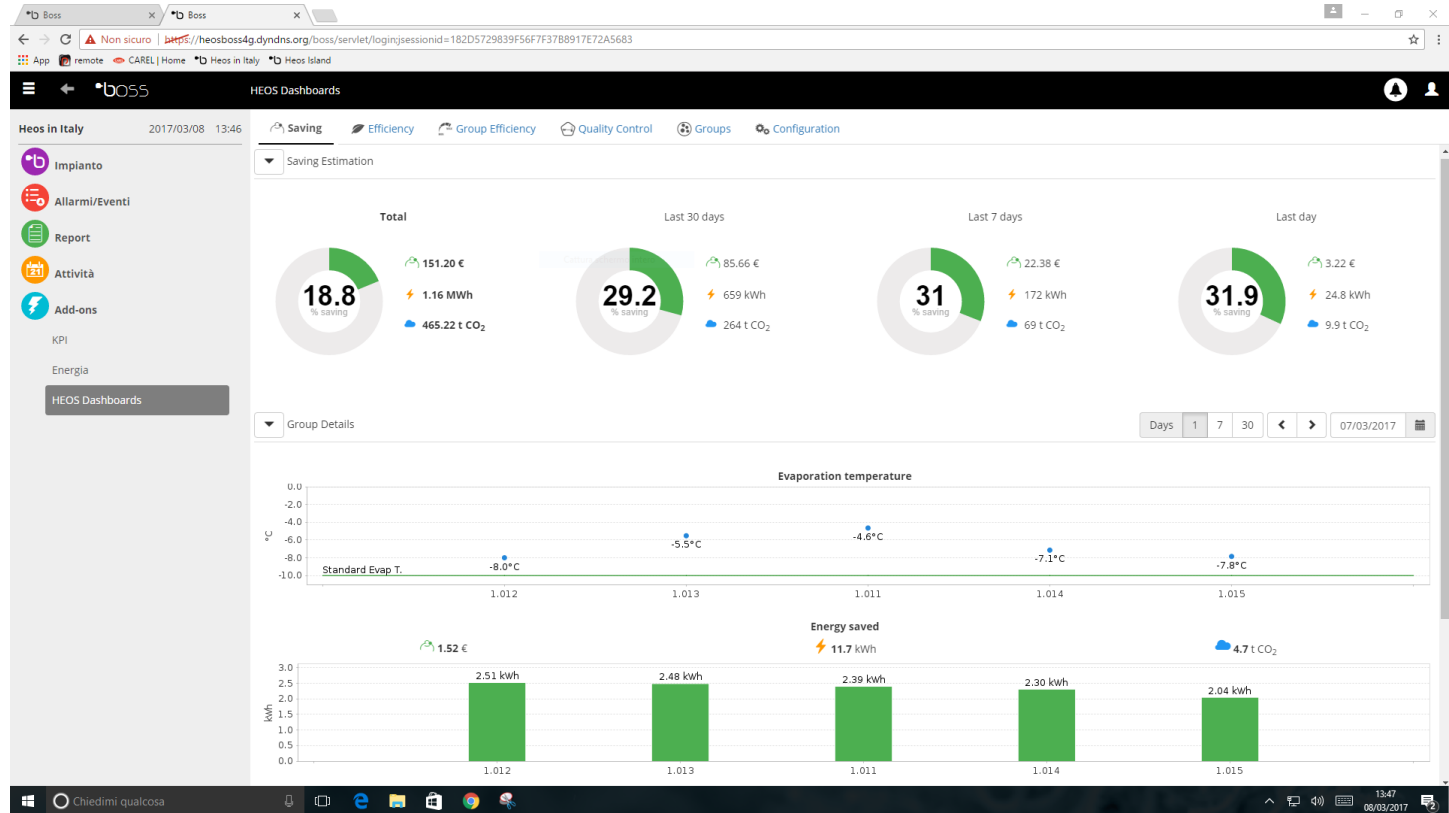


Food quality control



Natural Efficiency available now

Heos sistema Dashboard



Natural Efficiency
available now

Heos sistema

Now compatible with natural and low GWP
CO₂, Propane single circuit , Propane multi circuit

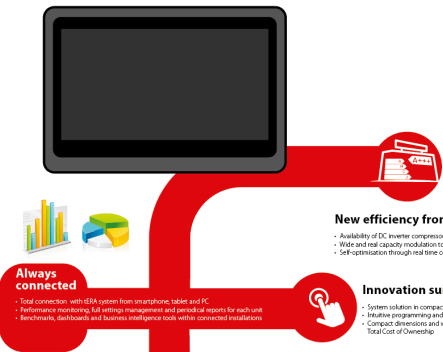


Natural Efficiency available now

I-Ecusistema

CO₂ transcritical condensing unit

NEW Now available for low temperature systems



Always connected

- Total connection with BMS system from smartphone, tablet and PC
- Performance monitoring, full settings management and periodical reports for each unit
- Benchmarks, dashboards and business intelligence tools with connected installations

New efficiency frontier

- Availability of DC inverter compressor for CO₂
- Wide and real capacity modulation to maximize efficiency at partial load
- Self-optimization through real-time communication with indoor units

Innovation suitable for all

- System solution in compact, fully-integrated equipment
- Intuitive programming and fast commissioning procedure
- Compact dimensions and weight, considerable reduction in Total Cost of Ownership

NO food waste

- Reliable performance with precise envelope compressor control
- No system downtime for oil return issues with advanced software feature and proper multiple installation
- Stable product temperature thanks to modulating device and floating setpoint

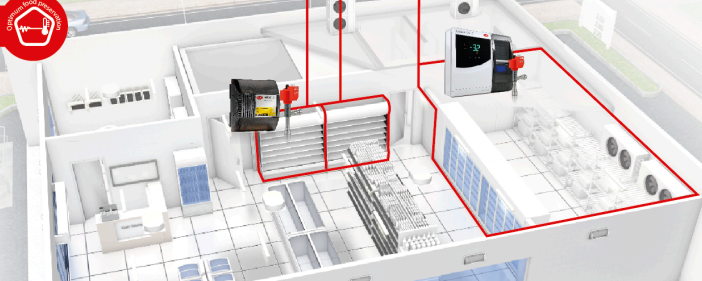
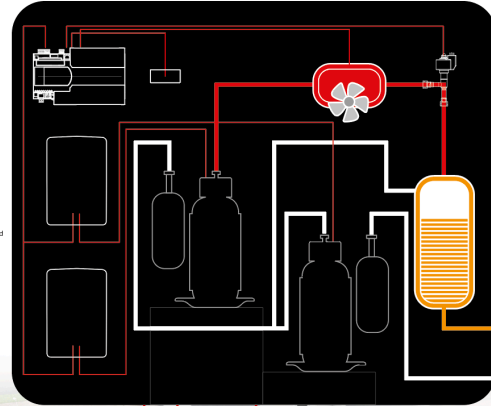


Up to **8.3 kW***
MT application

*Indoor unit, t_{amb} 15°C, t_{ref} 100kg

Up to **7.0 kW***
LT application

*Indoor unit, t_{amb} 15°C, t_{ref} 10°C



I-Ecusistema

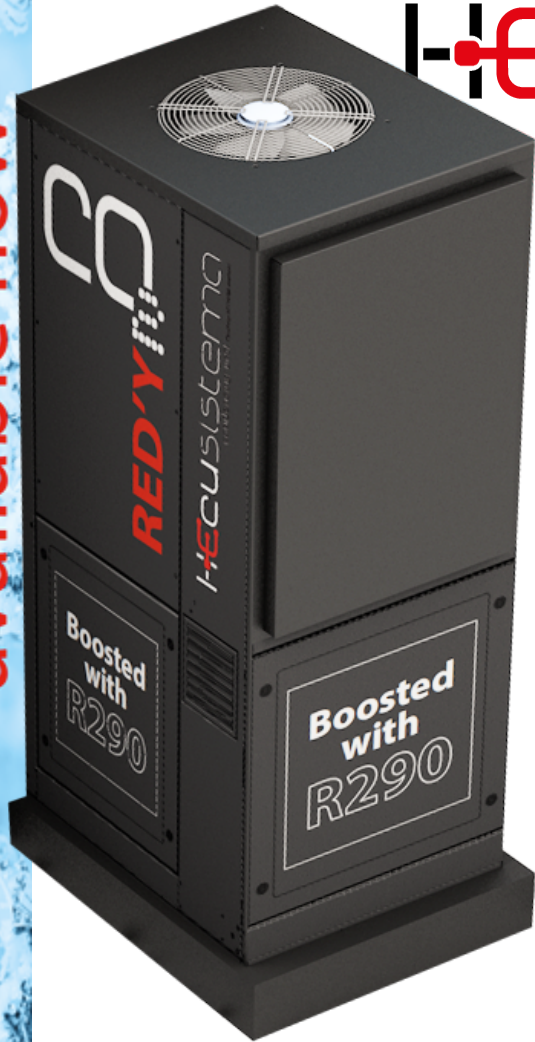
Natural Efficiency
available now

HECUsistema

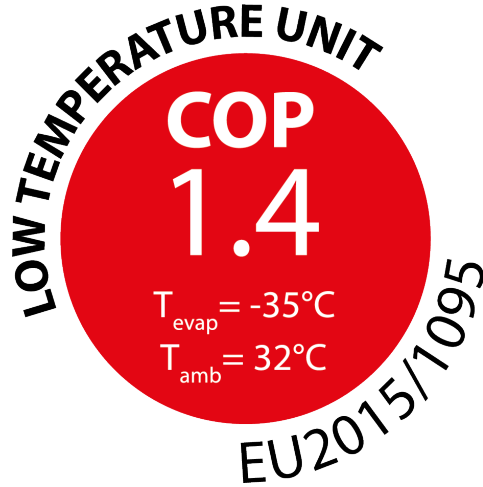
Now **Low temperature CO2 transcritical**
dual DC inverter rotary



Natural Efficiency
available now



I-ECUSistema



Natural efficiency.... Twice
dual DC inverter rotary cascade



Heez



CAREL Heez



efficiency & performance. naturally connected.

Natural Efficiency
available now

Heez

Efficiency & performance, together.



NEW PROPANE DC ROTARY

<1.0
kWh/day*

<6h
Pull Down

<3.5h
Half Reload
Recovery

*Based on **EN16902**, total **340 kWh/year**
450l cooler volume

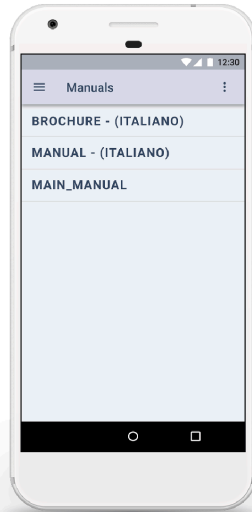
Natural Efficiency
available now



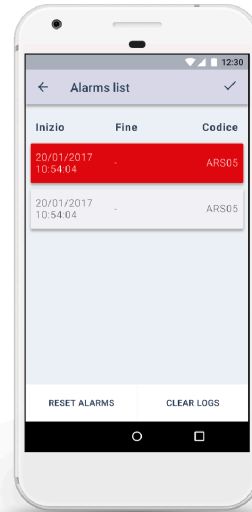
Seamless service on field



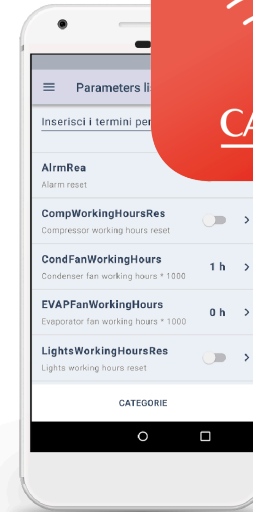
Cooler info



Manuals



Alarms



Parameters



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IoT for service improvement and digital marketing



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emj Modulating ejectors

Boosting CO₂ performance

Now a full range from 20kw to >100kW



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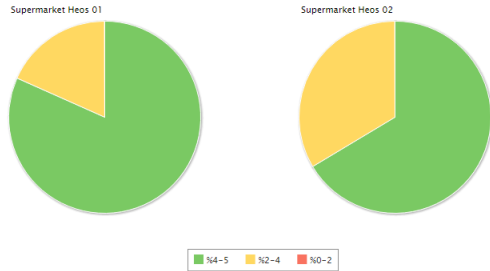


Natural Efficiency available now

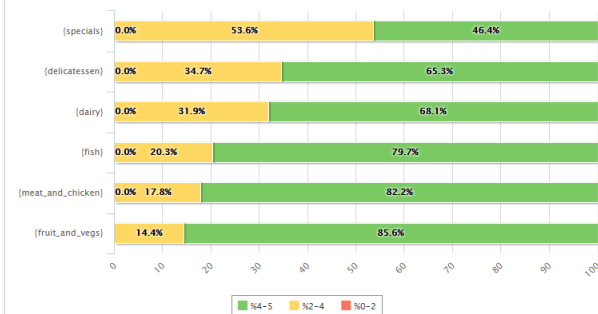


04. EER Main Dashboard

ERR by plant



ERR by category



ERR by device

