

GRECALE

Our new industrial cubic air cooler

AIR HEAT EXCHANGER MANUFACTURER



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GRECALE was created with various types of industrial refrigeration applications in mind. Thanks to a very wide range, GRECALE meets the needs of installers who need the maximum technical and economic competitiveness.

The new series has uncompromising structural quality and a high-performance exchange core, it is rich in configurations and accessories and has been optimised to increase space for goods in the cold store.

For consumption efficiency, the version with hot gas and water defrosting is available, even for low temperature cold stores.

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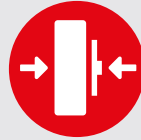


GRECALE LARGE VERSION

Large exchange areas.

Possibility of reducing the defrosting intervals.

The optimal solution in combination with stainless steel versions.



GRECALE-T COMPACT

An extremely competitive technical-economic solution.

Compact machine for optimising transport and dimensions in the cold store.

Extension of solutions in the power ranges.

630

630 PHYSICAL MODELS UNMATCHED RANGE

Power **11 - 205 kW**

SC2 fin spacing 6 mm

3

years of guarantee

Up to **6 m**

machine length

From **970 cm**

machine height

Up to **1.320 m²**

exchange surfaces
with fin spacing 6 mm

Up to **70 m**

air gradients



FLUIDS AVAILABLE

- All synthetic refrigerants
- direct expansion and pumped CO₂
- Pumped NH₃
- Glycol
- Brine



Performance



kW/It and kW/W performances
at the top of the market.



**Minimum consumptions
up to 45 W/kW**
SC2 fin spacing 6 mm.



Large plenums and high nozzles
air gradients up to 70 m.



Air flow rate for all applications
between 400 and 650 (m²/h) / kW (SC2).



**Reduced dimensions in cold store
machines with compact height.**



GRECALE-T
compact version designed for saving.

Solidity



Drip tray with high drainage
with metal discharge.



**Double hinged basin
and removable internal drip tray**
for maximum cleaning and guarantee
against condensate.



**Painted structure
in 15/10 sheet metal**
for excellent strength.



**Connections always
on the same side**
even with 6 m machines.



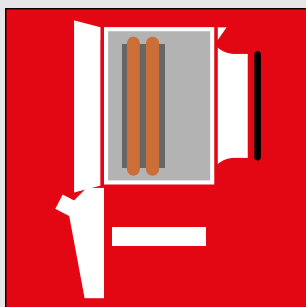
Large technical spaces
to work in comfort.



Large exchange areas
1320 m² spacing 6 mm.

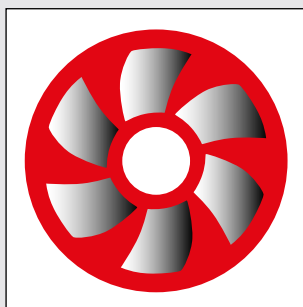
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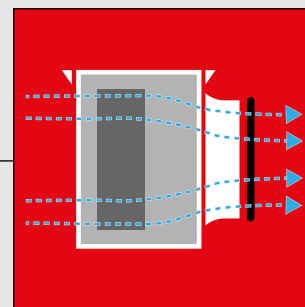


Hinged structure

for easy access to the whole machine.



High efficiency ventilation with metal blades.



Machines optimised for the best aeraulic flow

and overall dimensions in the cold store.



Range

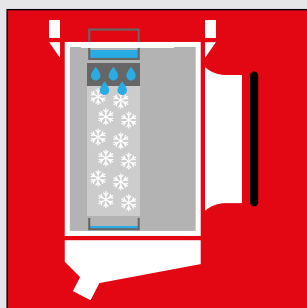
Machine length	up to 6 m
5 fin spacing	4 - 6 - 8 - 10 - 12 mm
Fan size	Ø 500 – 560 – 630 – 710 low – 710 high – 800 mm
Number of fans	1 ÷ 5
Fin material	Al, Al-Mg, prepainted Al, cataphoresis



Accessories

- Insulated drip tray
- Opening drip trays and side panels
- Electric and hot gas water defrosting in separate double circuit

- EC motors, Z+ Aeraulic Optimiser
- Air throw hoods and coil dampers for optimised defrosting



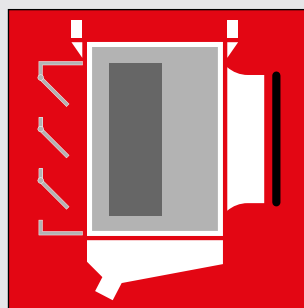
Water defrosting

optimised for low temperatures.



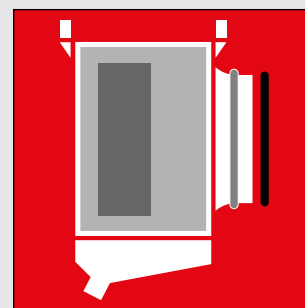
Defrost textile damper

improves defrosting efficiency.



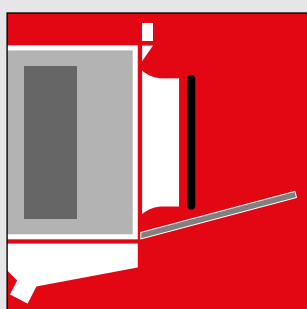
Coil damper

improves defrosting efficiency.



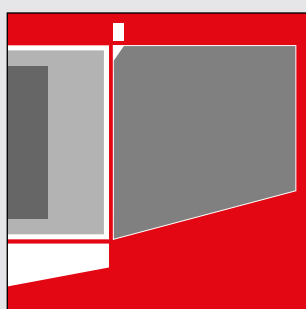
Nozzle resistance

low temperature nozzle defrosting.



Flow deflector

for air throw with Coandă effect.



Air throw hood

increases the air throw.

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**Great products
for great customers**