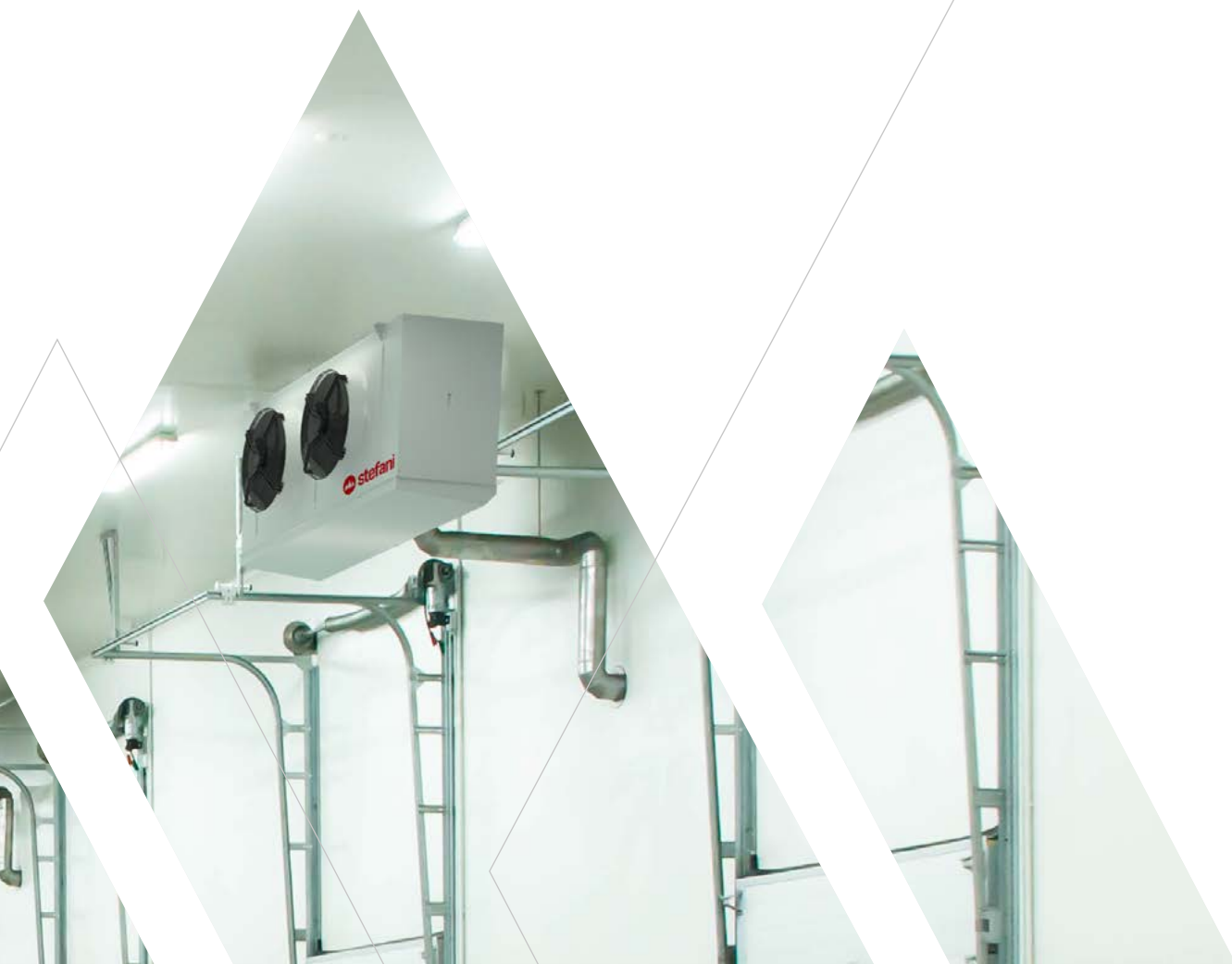


GRECALE

INDUSTRIAL CUBIC
AIR COOLER



AIR HEAT EXCHANGER MANUFACTURER



GRECALE

INDUSTRIAL CUBIC AIR COOLER

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.



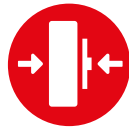
GRECALE

INDUSTRIAL CUBIC AIR COOLER



GRECALE LARGE VERSION

Large exchange fin surface.
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 unit for optimising transport
and dimensions in the cold store.
Extension of solutions in the capacity
ranges.

630

630 PHYSICAL MODELS UNMATCHED RANGE

Power **11 - 205 kW**

SC2 fin spacing 6 mm

3

years of guarantee

Up to **6 m**

unit length

From **970 cm**

unit 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/lt 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
units 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 units.



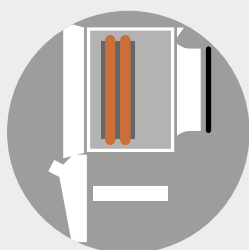
Large technical spaces
to work in comfort.



Large exchange areas
1320 m² fin spacing 6 mm.

GRECALE

INDUSTRIAL CUBIC AIR COOLER



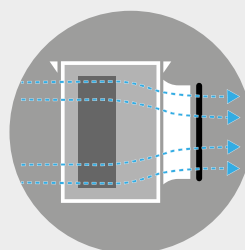
Hinged structure

for easy access to the whole unit.



High efficiency ventilation

with metal blades.



Units optimised for the best aeraulic flow

and overall dimensions in the cold store.

RANGE

Unit 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 ÷ 7
Fin material	Al, Al-Mg, prepainted Al, cataphoresis



SELECTION CODE

GRECALE H 56 1 E 4 A AC 04D

GRECALE	industrial cubic air cooler
H	H = direct expansion C = CO ₂ dx W = brine
56	fan size Ø 560 mm
1	number of fans
E	E - G - I = coil type
4	fin spacing mm

A	A = air defrost E = electric defrost W = water defrost
AC	AC = AC motor EC = electronic motor
04	electric motor poles
D	S = single phase D = three phase high speed Y = three phase slow speed

CONFIGURATIONS

RANGE	MODELS	FANS		FIN SPACING	AVAILABLE ON REQUEST		DEFROST		
	Nr.	Nr.	Ø mm	mm			STANDARD ELECTRIC	HOT GAS	WATER
GRECALE-T H 56	36	1 ÷ 4	560	4 - 6 - 8	BRINE	CO ₂	○	○	○
GRECALE-T H 63	36	1 ÷ 4	630	4 - 6 - 8			○	○	○
GRECALE-T H 70	36	1 ÷ 4	700	4 - 6 - 8			○	○	○
GRECALE-T H 71	36	1 ÷ 4	710	4 - 6 - 8			○	○	○
GRECALE-T H 80	36	1 ÷ 4	800	4 - 6 - 8			○	○	○
GRECALE H 50	105	1 ÷ 7	500	4 - 6 - 8 - 10 - 12			○	○	○
GRECALE H 56	105	1 ÷ 7	560	4 - 6 - 8 - 10 - 12			○	○	○
GRECALE H 63	70	1 ÷ 5	630	4 - 6 - 8 - 10 - 12			○	○	○
GRECALE H 70	75	1 ÷ 5	700	4 - 6 - 8 - 10 - 12			○	○	○
GRECALE H 71	75	1 ÷ 5	710	4 - 6 - 8 - 10 - 12			○	○	○
GRECALE H 80	75	1 ÷ 5	800	4 - 6 - 8 - 10 - 12			○	○	○

● Standard

○ Optional

GRECALE

INDUSTRIAL CUBIC AIR COOLER

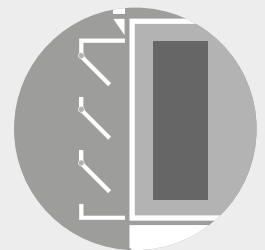


ACCESSORIES

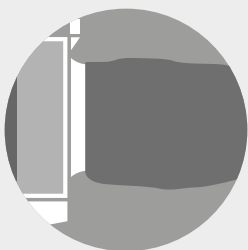
- AISI 304 casing
- AISI 304 tubes
- AISI 304 drip tray
- Fan switch
- Insulated drip tray



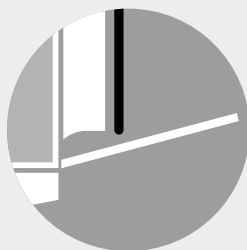
Air throw cowl



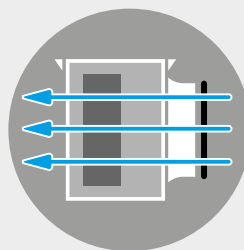
**Gravity coil
suction damper**



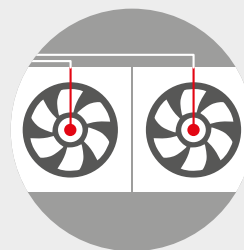
**Fan textile
damper**



**Flow
deflector**



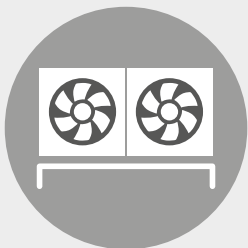
**Blowing fan
configuration**



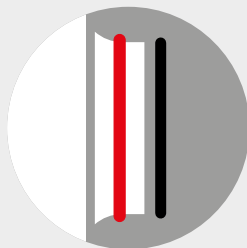
**Electric wiring
EC electric wiring**



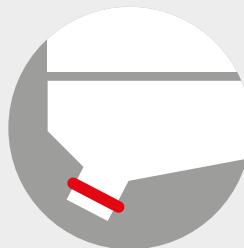
EC fans



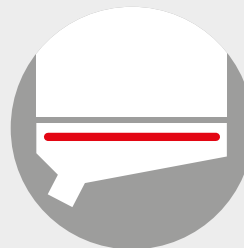
**Kit
legs**



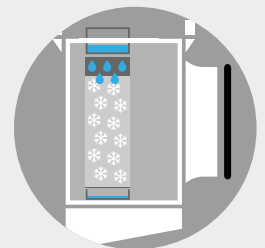
**Fan ring
heaters**



**Drain
heaters**



**Drip tray
defrost**



**Water
defrosting**



CONFIGURATIONS

RANGE	ACCESSORIES											
	FAN RING HEATER	DRAIN HEATER	AFTER HEATING	PRE PAINTED FINS	COIL CATHODE TREATMENT	AISI 304 CASING	INSULATED DOUBLE DIP TRAY	EASY ACCESS	EC FANS	ELECTRIC WIRING	AIR STREAMER	AIR SOCKS
GRECALE-T H 56	○	○	■	○	○	○	○	●	○	○	■	○
GRECALE-T H 63	○	○	■	○	○	○	○	●	○	○	■	○
GRECALE-T H 70	○	○	■	○	○	○	○	●	○	○	■	○
GRECALE-T H 71	○	○	■	○	○	○	○	●	○	○	■	○
GRECALE-T H 80	○	○	■	○	○	○	○	●	○	○	■	○
GRECALE H 50	○	○	■	○	○	○	○	●	○	○	■	○
GRECALE H 56	○	○	■	○	○	○	○	●	○	○	■	○
GRECALE H 63	○	○	■	○	○	○	○	●	○	○	■	○
GRECALE H 70	○	○	■	○	○	○	○	●	○	○	■	○
GRECALE H 71	○	○	■	○	○	○	○	●	○	○	■	○
GRECALE H 80	○	○	■	○	○	○	○	●	○	○	■	○

RANGE	ACCESSORIES									
	AISI 304 TUBES	AISI 304 DRIP TRAY	FAN SWITCH	AIR TROW COWL	GRAVITY COIL SUCTION DAMPER	FLOW DEFLECTOR	BLOWING FAN CONFIGURATION	KIT LEGS	DRIP TRAY ELECTRIC DEFROST	WATER DEFRO- STING
GRECALE-T H 56	○	○	■	○	○	○	○	○	○	○
GRECALE-T H 63	○	○	■	○	○	○	○	○	○	○
GRECALE-T H 70	○	○	■	○	○	○	○	○	○	○
GRECALE-T H 71	○	○	■	○	○	○	○	○	○	○
GRECALE-T H 80	○	○	■	○	○	○	○	○	○	○
GRECALE H 50	○	○	■	○	○	○	○	○	○	○
GRECALE H 56	○	○	■	○	○	○	○	○	○	○
GRECALE H 63	○	○	■	○	○	○	○	○	○	○
GRECALE H 70	○		■	○	○	○	○	○	○	○
GRECALE H 71			■	○	○	○	○	○	○	○
GRECALE H 80	○	○	■	○	○	○	○	○	○	○

● Standard

○ Optional

■ On request



GRECALE-T H 56
GRECALE-T H 63
GRECALE-T H 70
GRECALE-T H 71
GRECALE-T H 80
GRECALE H 50
GRECALE H 56
GRECALE H 63
GRECALE H 70
GRECALE H 71
GRECALE H 80



**Great products
for great customers**

Stefani Spa | Castegnero (VI) Italy | T. +39 0444 639999
info@stefani-online.it | stefaniexchangers.com