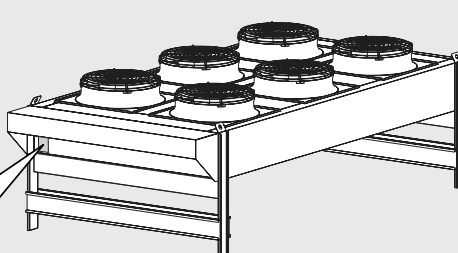


KCE[K-S-W]

QUICK GUIDE

This document is a concise version of the model manual. This document is not meant to be a replacement of the manual. To download the full manual please scan the QRcode below or locate the data label on the model and scan the QRcode.



ECO™ heat transfer coolers

CE

EAC

UK CA

MODINE

MANUFACTURER:
MODINE CIS ITALY S.R.L.
VIA GIULIO LOCATELLI, 22
33050 POCEVIA (UDINE) ITALY

MADE IN ITALY/EU

MODEL KCEK XXXXXXXXX

SERIAL NR. AA123456789 DATE 01/01/2021

NET WEIGHT [KG] 1170 CAPACITY [L] 102

CUSTOMER CODE

PS [BAR] 30 FLUID GROUP 2. G

TS MAX./MIN [°C] 150/-40 VOL [L]

CAT (PED) Cat. I DN 50

NR. OF MOTORS 04 RPM 880

MOTORS POW. SUPPLY 400V/3/50-60Hz

TOT. 7760 W 15.6 A

HEATERS POWER SUPPLY

HEATERS TOT



Link to user manuals:



IT ES

EN FR

DE RU

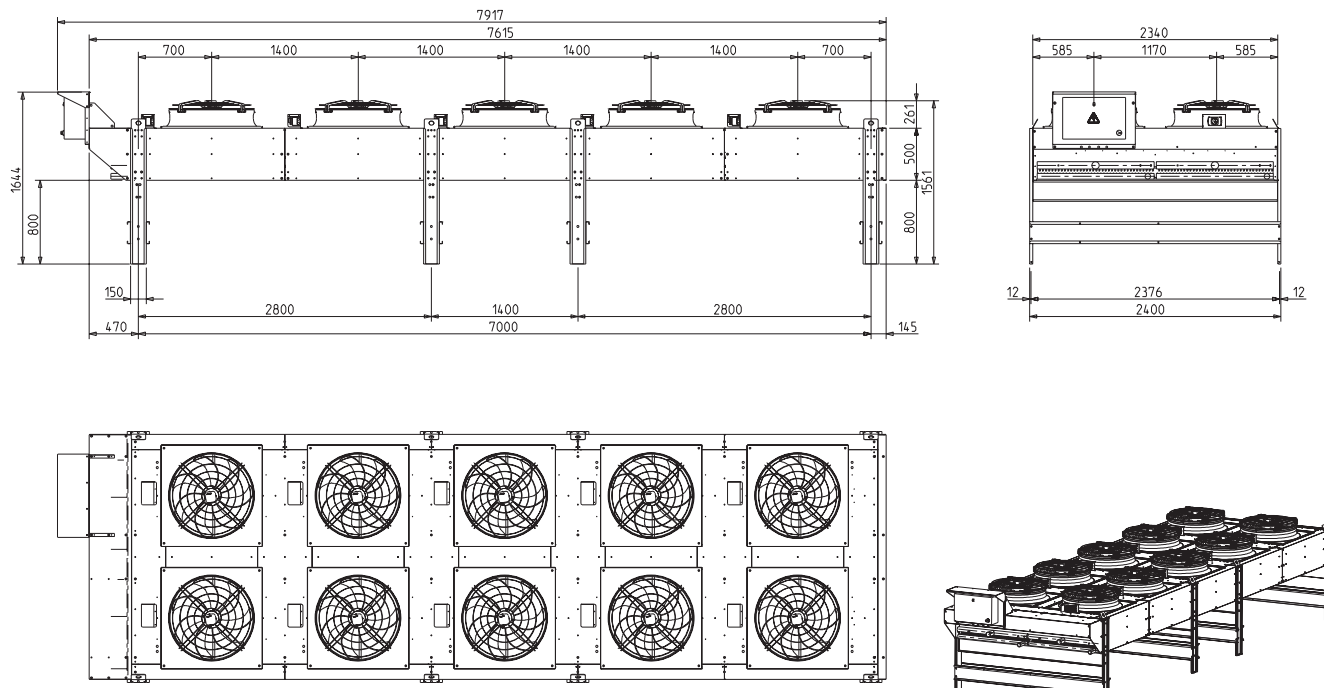


! Before removing the packaging, handling, assembling, positioning, commissioning of the machine and before performing any work on the model, download and carefully read all the information in the manual. If in doubt contact Modine.

Construction and dimensional features

Refer to the drawing supplied with the model.

Example:

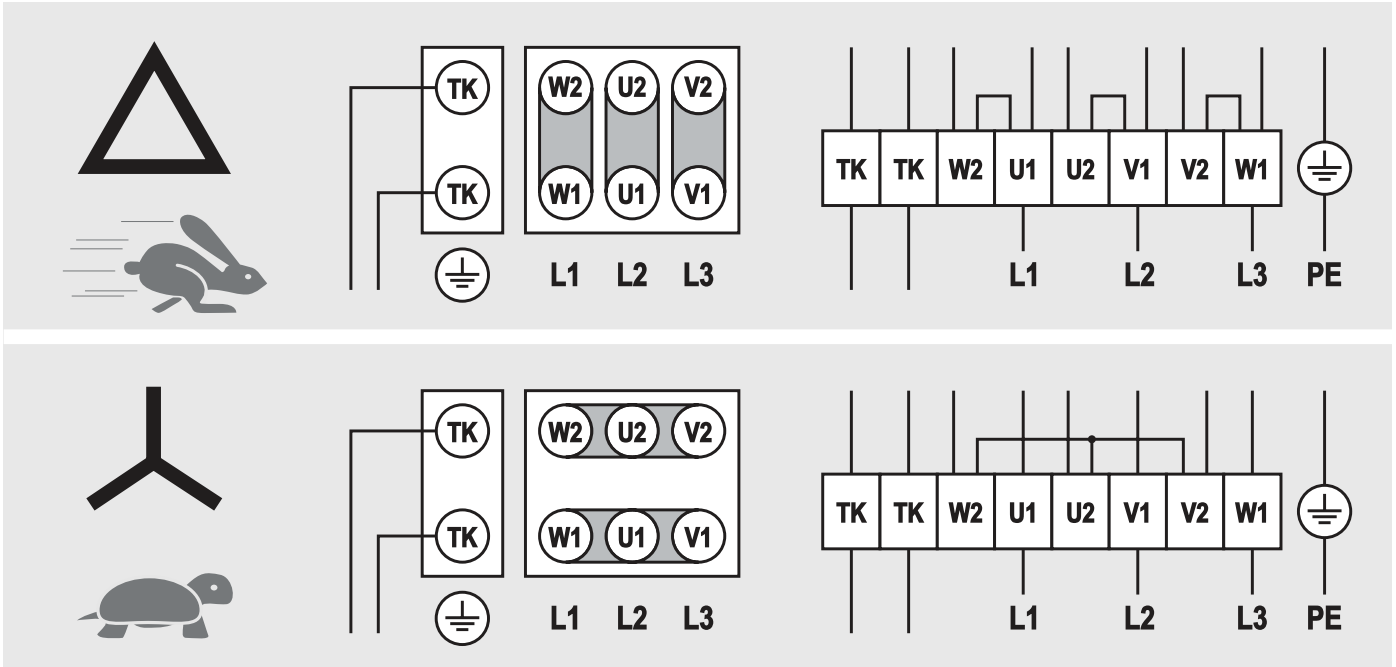


SCALA 0.020

IND.	MODIFICA	VISTO	DATA
<p>This drawing is property of Modine and embodies a confidential property design. It may not be reproduced, disclosed or copied, in whole or in part, without prior written authorization.</p> <p>Tolleranze generali secondo SP012 / General Tolerances according to SP012</p> <p>Disegnato: MODINE Data: K825DN4A02V1954</p>			

Wiring diagrams

General diagram



For other connections refer to the diagram printed on the inside of the motor-fan box.

The thermo-contacts (TK) must be connected to the control circuit.

For further information refer to the diagrams supplied with the model.

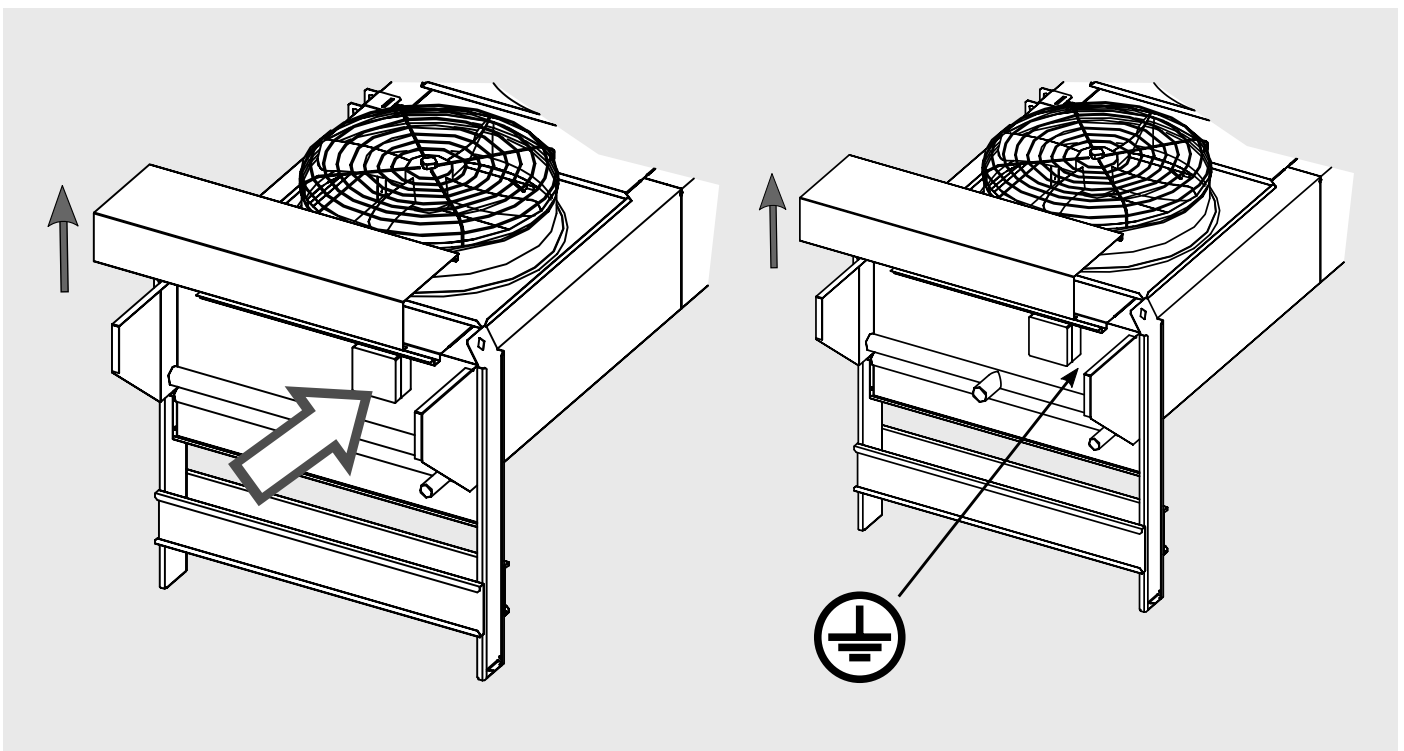
On request, models can be supplied with wiring in a junction box or electrical cabinet.

On models supplied with the wiring in the junction box, remove the front cover to make the connection.

It is mandatory to use power cables with a minimum cross-section as indicated in Tab. 1. Please refer to the technical standards in force in the country of installation, based also on the way the cables are laid and their length and type.

To minimise the risk of indirect contact, the electrical system can be earthed using the pin on the front.

Please lift the front cover to locate the pin.

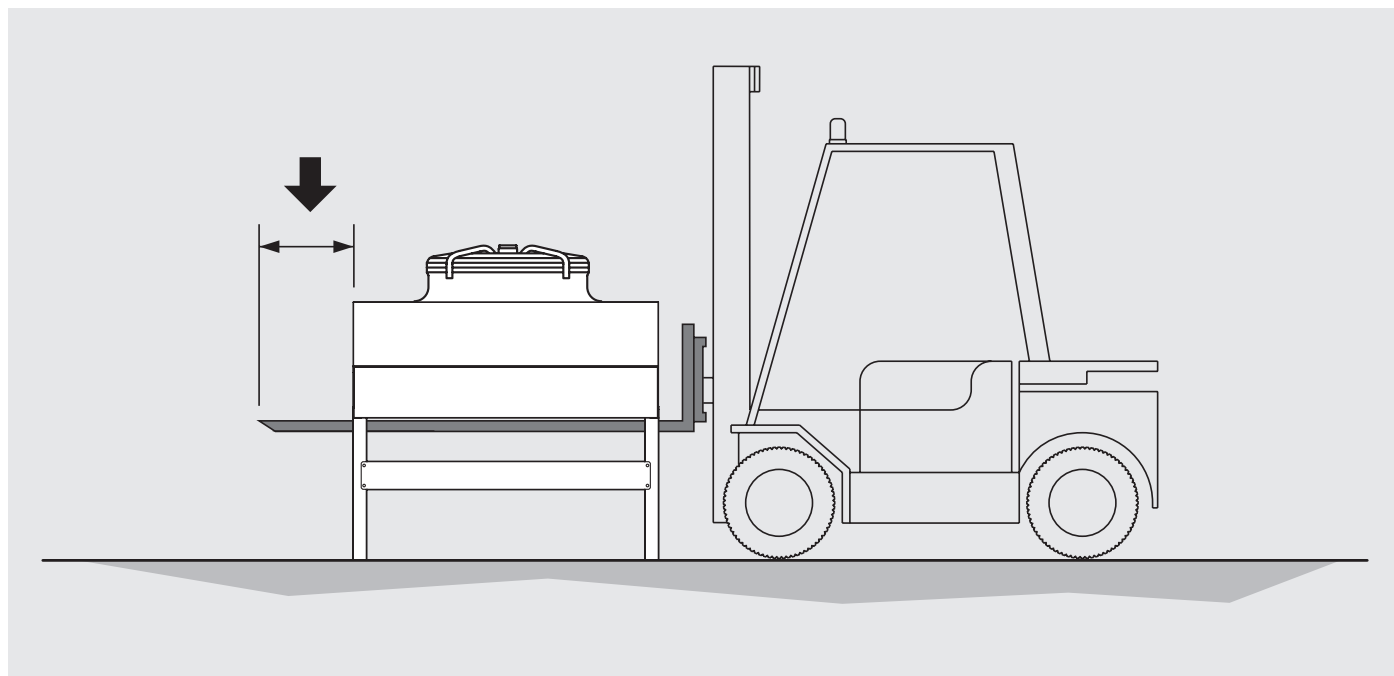


Nominal current [A]	Power cable cross-section [mm ²]
11	1.5
15	2.5
20	4
26	6
36	10
48	16
64	25
80	35
95	50
150	95
170	120

Table 1









Handling and installation

- 1.1 The models are shipped on a pallet fixed with metal straps. The smaller models are protected by a cardboard box and/or wooden crate.
- 1.2 The packaged model must be moved by qualified personnel using a forklift truck of suitable capacity, or with crane and/or overhead crane. The lifting brackets must be longer than the depth of the packaging and/or of the model. Avoid any abrupt movement and do not stand close to the manoeuvring area. Always ensure that the models are secured to the hoists before handling operations. A heavy impact or a strong thrust can overturn the model.



- 1.3 When handling, avoid exerting improper pressure on the packaging and take care not to damage the headers.
- 1.4 Always use personal protective equipment (e.g. gloves that are sufficiently resistant to mechanical hazards) during handling and installation to reduce the risk of injury in the event of contact with sharp sheet metal edges or the finned pack.
- 1.5 Please refer to the manual for lifting and other instructions.

- 1.6 The following table summarises the PPE (Personal Protection Equipment) to be used during the various phases of the life of the equipment (each stage involves the obligation to use and provide PPE), in order to protect the health and safety of operators.
- 1.7 The responsibility for the identification and choice of the type and category of PPE that is appropriate and suitable lies with the user.

Phase								
	Protective clothing	Safety footwear	Gloves	Goggles	Visor	Ear protectors	Mask	Helmet or head gear
Transportation	NP	NP	NP	NP	NP	NP	NP	NP
Handling	X	X	X	X	NP	NP	NP	X
Unpacking	X	X	X	X	NP	NP	NP	X
Assembly	X	X	X	X	NP	O	NP	X
Ordinary use	NP	NP	NP	NP	NP	NP	NP	NP
Adjustments	X	X	X	NP	X	O	NP	NP
Cleaning	X	X	X	NP	X	O	X	NP
Maintenance	X	X	X	NP	X	O	O	X
Dismantling	X	X	X	NP	X	O	NP	X
Demolition	X	X	X	X	NP	O	NP	O

X : Recommended PPE

O : PPE available or to be used if necessary

NP : PPE not recommended

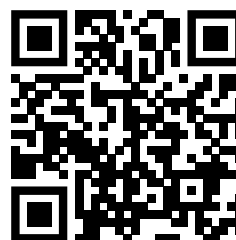
- 1.8 The PPE used must comply with the directives of the product and bear the CE marking (for the European market).

Notes



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Link to user manuals:



<https://www.modinecoolers.com/documents/>