



Ædificate.



software user manual





KFL Configurations Offers Customers

Create configuration No current offer Start View Save to offers

Selection Type of user Select a family

Series All | None | Invert

Models All | None | Invert

inserire il cliente se non già registrato e salvarlo

KFL Configurations Offers Customers

Search Customer list New

Code	Customer Name	Country	City	Region	Street	Telephone
No customer saved yet, create a new one						

iniziare con NEW

KFL Configurations Offers Customers

List Customer Save Cancel

Customer test Created

Header

Code test Customer Name test

Name Country

City Cap

inserire i dati e salvare

KFL Configurations Offers Customers

List View Edit Print

Customer test

Header

Code test Customer Name test

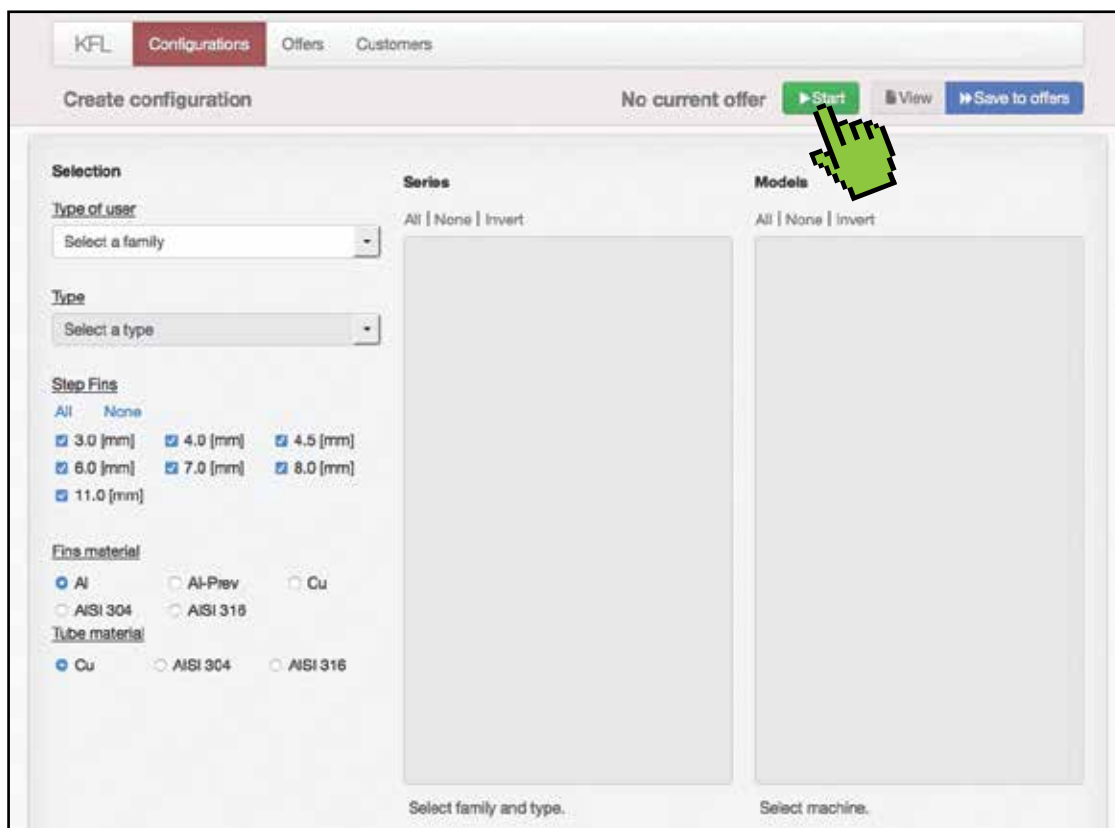
Name Country

City Cap

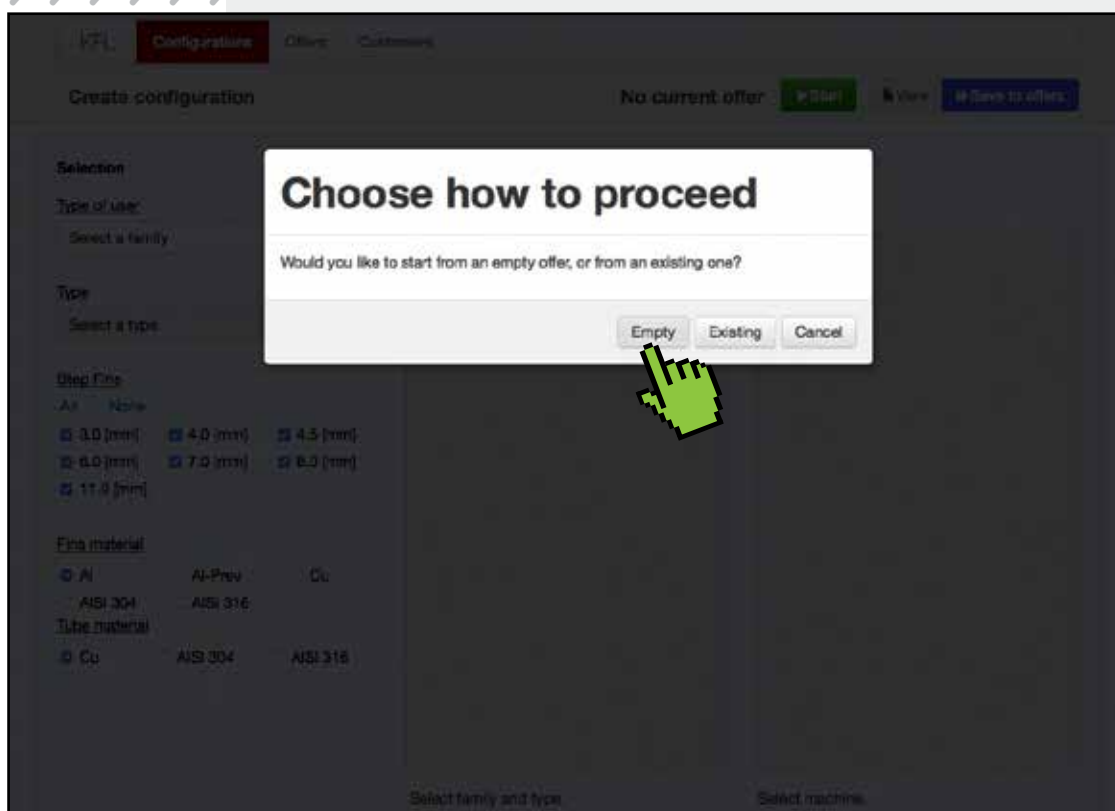
Region Sort

Street Telephone

controllare i dati



iniziare a comporre l'offerta



scegliere se crearne una nuova o modificarne una esistente



KFL Configurations Offers Customers

Create configuration Current offer

Selection

Type of user
Unit cooler
Select a family
Unit cooler
Unit cooler pump
Brine unit cooler
Remote condenser
DryCoolers

Step Fins
All None
☒ 3.0 [mm] ☒ 4.0 [mm] ☒ 4.5 [mm]
☒ 6.0 [mm] ☒ 7.0 [mm] ☒ 8.0 [mm]
☒ 11.0 [mm]

Ventilation
☒ Single phase/Delta ☐ Star
☒ High 4 Pole ☐ Low 6 Pole

Fins material
☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 304 ☐ AISI 316

Tube material
☒ Cu ☐ AISI 304 ☐ AISI 316

Series
All | None | Invert
Select family and type.

Models
All | None | Invert
Select machine.

iniziare a configurare il ventilato - scegliere la famiglia

KFL Configurations Offers Customers

Create configuration Current offer

Selection

Type of user
Unit cooler

Type
Cubic
Select a type
Single Flow
Double Flow
Cubic
Cubic Fruit Serie
Shock Freezer
Centrifugal
☒ 11.0 [mm]

Ventilation
☒ Single phase/Delta ☐ Star
☒ High 4 Pole ☐ Low 6 Pole

Fins material
☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 304 ☐ AISI 316

Tube material
☒ Cu ☐ AISI 304 ☐ AISI 316

Series
All | None | Invert
KCE25
KCE30
KCE35
KCE45
KCE60A
KCE60B
KCE63A
KCE63B
KCE71A
KCE80A
KCE80B
KCE86B
KCE86B

Models
All | None | Invert
Select machine.

scegliere la tipologia del prodotto

KFL Configurations Offers Customers

Create configuration Current offer

Selection

Type of user
Unit cooler

Type
Cubic

Step Fins
All None

☐ 3.0 [mm] ☐ 4.0 [mm] ☐ 4.5 [mm]
☒ 6.0 [mm] ☐ 7.0 [mm] ☐ 8.0 [mm]
☐ 11.0 [mm]

☒ Single phase/Delta ☐ Star
☒ High 4 Pole ☐ Low 6 Pole

Fins material
☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 304 ☐ AISI 316

Tube material
☒ Cu ☐ AISI 304 ☐ AISI 316

Series
All None Invert

KCE25
KCE30
KCE35
KCE45
KCE50A
KCE56A
KCE63A
KCE71A
KCE80A
KCE50B
KCE56B
KCE63B

Models
All None Invert

Select machine.

scegliere il passo delle alette

KFL Configurations Offers Customers

Create configuration Current offer

Selection

Type of user
Unit cooler

Type
Cubic

Step Fins
All None

☐ 3.0 [mm] ☐ 4.0 [mm] ☐ 4.5 [mm]
☒ 6.0 [mm] ☐ 7.0 [mm] ☐ 8.0 [mm]
☐ 11.0 [mm]

Ventilation
☒ Single phase/Delta ☐ Star
☒ High 4 Pole ☐ Low 6 Pole

Fins material
☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 304 ☐ AISI 316

Tube material
☒ Cu ☐ AISI 304 ☐ AISI 316

Series
All None Invert

KCE25
KCE30
KCE35
KCE45
KCE50A
KCE56A
KCE63A
KCE71A
KCE80A
KCE50B
KCE56B
KCE63B

Models
All None Invert

Select machine.

scegliere i ventilatori



KFL Configurations Offers Customers

Create configuration Current offer

Selection

Type of user
Unit cooler

Type
Cubic

Step Fins
All None
☐ 3.0 [mm] ☐ 4.0 [mm] ☐ 4.5 [mm]
☒ 6.0 [mm] ☐ 7.0 [mm] ☐ 8.0 [mm]
☐ 11.0 [mm]

Ventilation
☒ Single phase/Delta ☐ Star
☒ High 4 Pole ☐ Low 6 Pole

Fins material
☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 316 ☐ AISI 304 ☐ AISI 316

Series
All | None | Invert
KCE25
KCE30
KCE35
KCE45
KCE50A
KCE56A
KCE63A
KCE71A
KCE80A
KCE50B
KCE56B
KCE63B

Models
All | None | Invert

scegliere il materiale delle alette

KFL Configurations Offers Customers

Create configuration Current offer

Selection

Type of user
Unit cooler

Type
Cubic

Step Fins
All None
☐ 3.0 [mm] ☐ 4.0 [mm] ☐ 4.5 [mm]
☒ 6.0 [mm] ☐ 7.0 [mm] ☐ 8.0 [mm]
☐ 11.0 [mm]

Ventilation
☒ Single phase/Delta ☐ Star
☒ High 4 Pole ☐ Low 6 Pole

Fins material
☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 316 ☐ AISI 304 ☐ AISI 316

Tube material
☒ Cu ☐ AISI 304 ☐ AISI 316

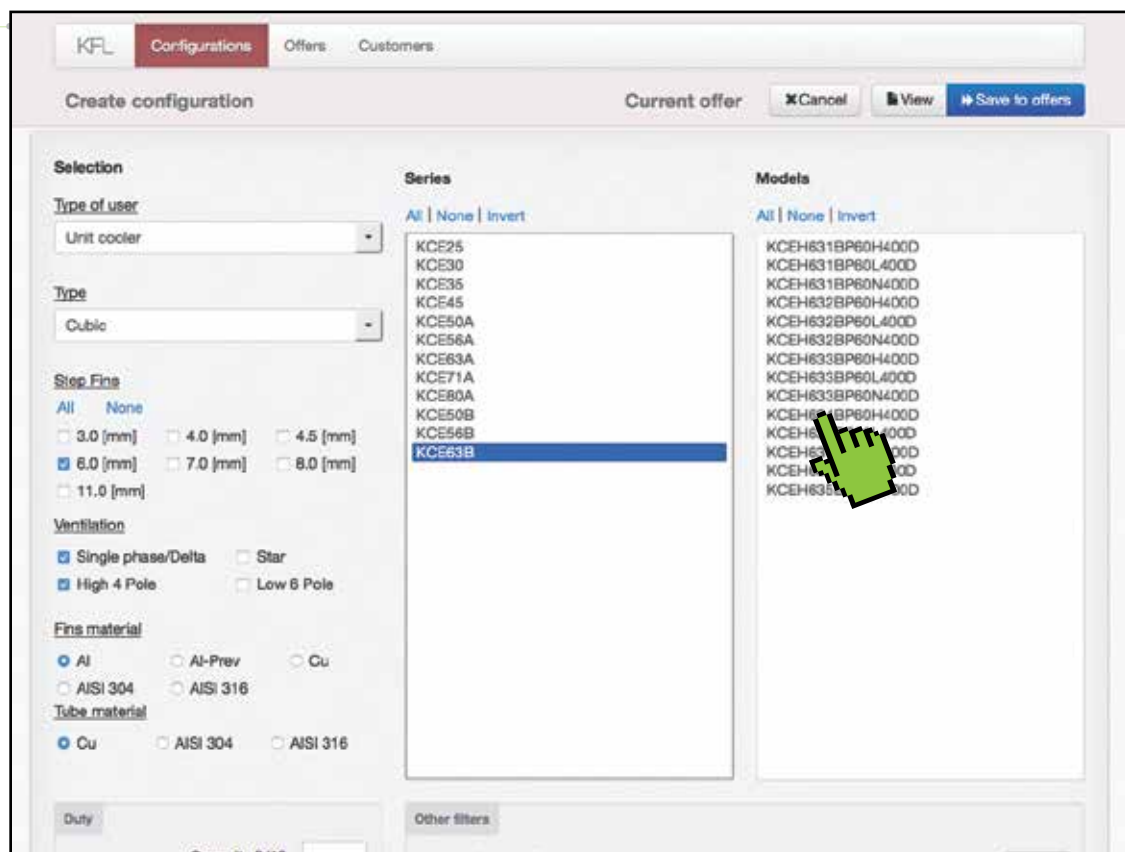
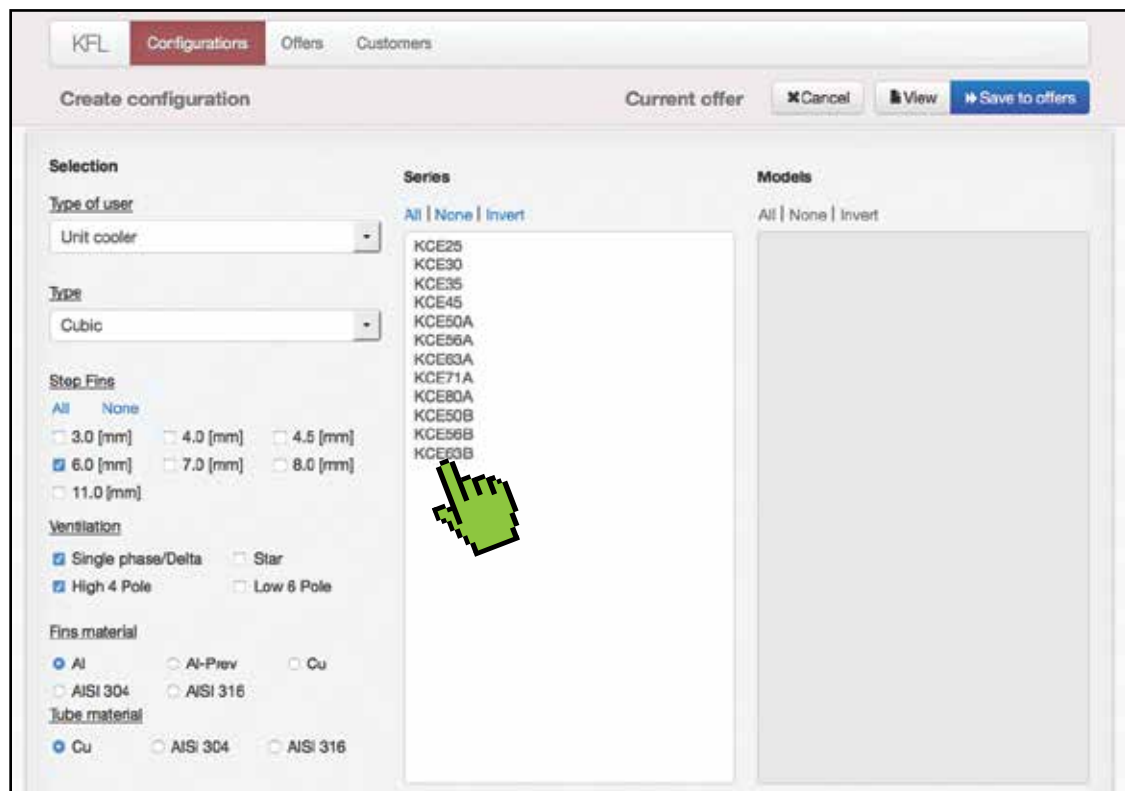
Series
All | None | Invert
KCE25
KCE30
KCE35
KCE45
KCE50A
KCE56A
KCE63A
KCE71A
KCE80A
KCE50B
KCE56B
KCE63B

Models
All | None | Invert

Select machine.

Duty Other filters

scegliere il materiale dei tubi





KFL Configurations Offers Customers

Create configuration Current offer

Selection

Type of user
Unit cooler

Type
Cubic

Step Fins
☐ All ☐ None
☐ 3.0 [mm] ☐ 4.0 [mm] ☐ 4.5 [mm]
☒ 6.0 [mm] ☐ 7.0 [mm] ☐ 8.0 [mm]
☐ 11.0 [mm]

Ventilation
☒ Single phase/Delta ☐ Star
☒ High 4 Pole ☐ Low 6 Pole

Fins material
☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 304 ☐ AISI 316

Tube material
☒ Cu ☐ AISI 304 ☐ AISI 316

Series
All | None | Invert
KCE25
KCE30
KCE35
KCE45
KCE50A
KCE58A
KCE63A
KCE71A
KCE80A
KCE50B
KCE58B
KCE63B

Models
All | None | Invert
KCEH631BP60H400D
KCEH631BP60L400D
KCEH631BP60N400D
KCEH632BP60H400D
KCEH632BP60L400D
KCEH632BP60N400D
KCEH633BP60H400D
KCEH633BP60L400D
KCEH633BP60N400D
KCEH634BP60H400D
KCEH634BP60L400D
KCEH634BP60N400D
KCEH635BP60L400D
KCEH635BP60N400D

Duty
Capacity [kW]
Tolerance [%]
10

Other filters
Default Eurovent
SC2
SC1
SC2
SC3
SC4

N° Defrost
Thickness frost [mm]
Static pressure drop [Pa]

Air Data
Ta - Air Temp. [°C] 0.00
RH - Rel Humidity [%] 85.0
Al - Altitude [m] 0

Fluid Data
Refrigerant
R404A
Te - Evaporation Temp. [°C] -8
DT Superheating 0.00
Tc - Condensation Temp. [°C] 50.00
DT Subcooling 0.00

possibilità di scegliere condizioni standard

KFL Configurations Offers Customers

Create configuration Current offer

Selection

Type of user
Unit cooler

Type
Cubic

Step Fins
All None
☐ 3.0 [mm] ☐ 4.0 [mm] ☐ 4.5 [mm]
☒ 6.0 [mm] ☐ 7.0 [mm] ☐ 8.0 [mm]
☐ 11.0 [mm]

Ventilation
☒ Single phase/Delta ☐ Star
☒ High 4 Pole ☐ Low 6 Pole

Fins material
☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 304 ☐ AISI 316

Tube material
☒ Cu ☐ AISI 304 ☐ AISI 316

Series
All | None | Invert

KCE25
KCE30
KCE35
KCE45
KCE50A
KCE56A
KCE63A
KCE71A
KCE80A
KCE90B
KCE56B
KCE63B

Models
All | None | Invert

KCEH631BP60H400D
KCEH631BP60L400D
KCEH631BP60N400D
KCEH632BP60H400D
KCEH632BP60L400D
KCEH632BP60N400D
KCEH633BP60H400D
KCEH633BP60L400D
KCEH633BP60N400D
KCEH634BP60H400D
KCEH634BP60L400D
KCEH634BP60N400D
KCEH635BP60L400D
KCEH635BP60N400D

Duty

Capacity [kW]

Tolerance [%]
10

Other filters

Default Eurovent
SC2

N° Defrost

Thickness frost [mm]

Static pressure drop [Pa]

Air Data

Ta - Air Temp. [°C] 0.00
RH - Rel Humidity [%] 85.0
Al - Altitude [m] 0

Fluid Data

Refrigerant
R404A

Te - Evaporation Temp. [°C] 0
DT Superheating 0.00
Tc - Condensation Temp. [°C] 50.00
DT Subcooling 0.00

oppure inserire i propri dati di lavoro



KFL Configurations Offers Customers

Create configuration Current offer

Finis material

☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 304 ☐ AISI 316

Tube material

☒ Cu ☐ AISI 304 ☐ AISI 316

Duty

Capacity [kW]
Tolerance [%]

Other filters


Default Eurovent N° Defrost
Thickness frost [mm]
Static pressure drop [Pa]

Air Data

Ta - Air Temp. [°C]
RH - Rel Humidity [%]
Al - Altitude [m]

Fluid Data

Refrigerant
Te - Evaporation Temp. [°C]
DT Superheating
Tc - Condensation Temp. [°C]
DT Subcooling



calcolo della potenza

KFL Configurations Offers Customers

Create configuration Current offer

Finis material

☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 304 ☐ AISI 316

Tube material

☒ Cu ☐ AISI 304 ☐ AISI 316

Duty

Capacity [kW]
Tolerance [%]

Other filters


Default Eurovent N° Defrost
Thickness frost [mm]
Static pressure drop [Pa]

Air Data

Ta - Air Temp. [°C]
RH - Rel Humidity [%]
Al - Altitude [m]

Fluid Data

Refrigerant
Te - Evaporation Temp. [°C]
DT Superheating
Tc - Condensation Temp. [°C]
DT Subcooling



Model	Qt [kW]	Qf [Kg/s]	Dpf [kPa]	Dpf [K]	Qs [m³/h]	Dps [Pa]	Price [EUR]
BP60L400D	135.4	1.499	12.258	0.793	63833	141	15034.00

evidenziare il modello scelto

KFL
Configurations
Offers
Customers

Create configuration
Current offer
Cancel
View
Save to offers

Calculate

Ta - Air Temp. [°C] 0.00

RH - Rel Humidity [%] 85.0

Alt - Altitude [m] 0

Refrigerant R404A

Te - Evaporation Temp. [°C] -9

DT Superheating 0.00

Tc - Condensation Temp. [°C] 50.00

DT Subcooling 0.00

Model	Qt [kW]	Ql [Kg/s]	Dpf [kPa]	Dpf [K]	Qa [m³/h]	Dpa [Pa]	Price [EUR]
KCEH634BP6CL400D	135.4	1.499	12.256	0.793	63633	141	15034.00

Data-sheet
Add

Configurations

Description	Price
<input checked="" type="checkbox"/> Electric defrost	2,257.00
<input type="checkbox"/> Manual electric defrost	1,130.00
<input type="checkbox"/> Manual defrost	1,185.00
<input type="checkbox"/> Manual defrost + electric in drip tray	842.00
<input type="checkbox"/> Black cataforesi treatment	6,613.00
<input type="checkbox"/> Wiring on terminal box	869.00
<input type="checkbox"/> EC fans	4,400.00
<input type="checkbox"/> Textile duct L=900 mm	888.00
<input type="checkbox"/> Stainless steel Casing AISI 304	5,600.00
<input type="checkbox"/> Air throw cowl	1,687.50
<input type="checkbox"/> Fan ring heater	550.00
<input type="checkbox"/> Drain heater	2,060.00
<input type="checkbox"/> Floor mounting support	2,050.00
<input type="checkbox"/> Insulated simple drip tray	610.00
<input type="checkbox"/> Insulated double drip tray	1,050.00

Total Price [€] 17291.00

scegliere gli optional



KFL Configurations Offers Customers

Create configuration Current offer

Ta - Air Temp. [°C] 0.00

RH - Rel Humidity [%] 85.0

Alt - Altitude [m] 0

Refrigerant
R404A

Te - Evaporation Temp. [°C] -9

DT Superheating 0.00

Tc - Condensation Temp. [°C] 50.00

DT Subcooling 0.00

Model	Qt [kW]	Qf [Kg/s]	Dpl [kPa]	Dpf [K]	Qa [m³/h]	Dpa [Pa]	Price [EUR]
KCEH834BP60L400D	135.4	1.499	12.256	0.793	63833	141	15034.00

Configurations

Description	Price
<input checked="" type="checkbox"/> Electric defrost	2,257.00
<input type="checkbox"/> Strong electric defrost	1,130.00
<input type="checkbox"/> Water defrost	1,185.00

aggiungere all'offerta il modello selezionato e confermare

KFL Configurations Offers Customers

Create configuration Current offer

Selection

Type of user
Unit cooler

Type
Cubic

Step Fins

All None

☐ 3.0 [mm] ☐ 4.0 [mm] ☐ 4.5 [mm]

☒ 6.0 [mm] ☐ 7.0 [mm] ☐ 8.0 [mm]

☐ 11.0 [mm]

Ventilation

☒ Single phase/Delta ☐ Star

☒ High 4 Pole ☐ Low 6 Pole

Fins material

☒ Al ☐ Al-Prev ☐ Cu

☐ AISI 304 ☐ AISI 316

Tube material

Series

All None Invert

KCE25
KCE30
KCE35
KCE45
KCE50A
KCE58A
KCE63A
KCE71A
KCE80A
KCE50B
KCE58B
KCE63B

Models

All None Invert

KCEH831BP60H400D
KCEH831BP60L400D
KCEH831BP60N400D
KCEH832BP60H400D
KCEH832BP60L400D
KCEH832BP60N400D
KCEH833BP60H400D
KCEH833BP60L400D
KCEH833BP60N400D
KCEH834BP60H400D
KCEH834BP60L400D
KCEH834BP60N400D
KCEH835BP60L400D
KCEH835BP60N400D

salvare l'offerta dopo aver aggiunto altri eventuali modelli

KFL
Configurations
Offers
Customers

Configure
Save to offers
Save
Cancel

Customer test
Created by Elena Di Luca

Header

Code
150203

Version
01

Customer
test

Currency
[EN] Euro (divisa UME)

Exchange rate
1.0000

Packaging

Startup

Delivery terms

Delivery date

Applied multiplier
1.0000

Notes

Date created
03/02/2015

State
Draft

Expiration date
03/02/2015

Reference

Payment type

Payment conditions

Warranty

Net profit
17,291.00 EUR

New position

	Code	Quantity	Net price configured unit	Discount	Gross margin	conf
+	KCBH634BP60L400D	1	17,291.00	0.00 %	0.00 %	17,291.00

completo l'offerta con i dati e salvo



KFL Configurations Offers Customers

Create configuration No current offer Start View Save to offers

Selection

Type of user
Unit cooler

Type
Cubic

Step Fins
All None
☐ 3.0 [mm] ☐ 4.0 [mm] ☐ 4.5 [mm]
☒ 6.0 [mm] ☐ 7.0 [mm] ☐ 8.0 [mm]
☐ 11.0 [mm]

Ventilation
☒ Single phase/Delta ☐ Star
☒ High 4 Pole ☐ Low 6 Pole

Fins material
☒ Al ☐ Al-Prev ☐ Cu
☐ AISI 304 ☐ AISI 316

Tube material
☒ Cu ☐ AISI 304 ☐ AISI 316

Duty
Capacity [kW]
Tolerance [%]
10

Other filters
Default Eurovent
SC2
N° Defrost
Thickness frost [mm]
Static pressure drop [Pa]

Series
All | None | Invert
KCE25
KCE30
KCE35
KCE45
KCE50A
KCE56A
KCE63A
KCE71A
KCE80A
KCE50B
KCE56B
KCE63B

Models
All | None | Invert
KCEH631BP60H400D
KCEH631BP60L400D
KCEH631BP60N400D
KCEH632BP60H400D
KCEH632BP60L400D
KCEH632BP60N400D
KCEH633BP60H400D
KCEH633BP60L400D
KCEH633BP60N400D
KCEH634BP60H400D
KCEH634BP60L400D
KCEH634BP60N400D
KCEH635BP60L400D
KCEH635BP60N400D

Air Data
Ta - Air Temp. [°C] 0.00
RH - Rel Humidity [%] 85.0
Al - Altitude [m] 0

Fluid Data
Refrigerant
R404A
Te - Evaporation Temp. [°C] -9
DT Superheating 0.00
Tc - Condensation Temp. [°C] 50.00
DT Subcooling 0.00

Offer saved
Offer '150202' has been saved.

apro l'archivio offerte



KFL Configurations **Offers** Customers

Search ... Offer list New

Offer code	Customer	Date created	State	Offer version	Net price	Currency	Created by
150203	test	03/02/2015	Draft	Rev. 01	17,291.00	EUR	

KFL Configurations **Offers** Customers

List View Edit Print

Customer test Created by

Header

Offer code	150203	Date created	3 Feb 2015
Offer version	Rev. 01	State	Draft
Customer	test	Expiration date	3 Feb 2015
Project reference		Currency	[EN] Euro (divisa UME)
Exchange rate	1.000		
Packaging		Payment type	
Startup		Payment conditions	
Delivery terms		Warranty	
Lead time			
Applied multiplier	1.000	Net price	17,291.00 EUR

Notes

Positions

	Item	Quantity	Unit price configured unit	Discount	Gross margin	Net price configured unit
⊕	KCEH634BP60L400D	1	17,291.00	0.00 %	0.00 %	17,291.00

evidenzio l'offerta per stamparla o modificarla



Software Name
Software Version
Printing date: 03/02/2015

Operating Module

		DX
Modello		KCEH634BP60L400D (50C)
Capacity request	Kw	135.40
Capacity calculated	Kw	135.40
Margin	%	0.0
Frost thickness	mm	-

Thermal data

Refrigerant		R404A
Evaporation temperature	°C	-9.0
Sub cooler	K	0
Condensing temperature	°C	50.0
Air Flow	m3/h	63833.0
Air temperature IN	°C	0.0
Relative humidity IN	%	85
Air temperature OUT	°C	-4.0
Relative humidity OUT	%	97
Altitude	m	0

Technical data

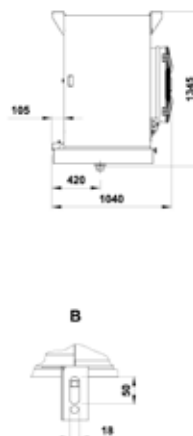
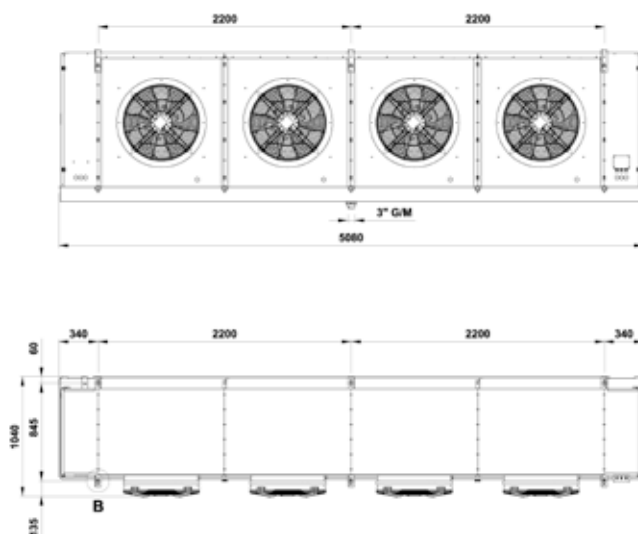
Fins material		Al
Tube material		Cu
Surface	m2	512
Volume	dm3	162
Fin spacing	mm	6.0
Air throw	mt	58
Sound pressure - Distance	dB(A)/mt	65 / 5
Weight dry packing	Kg	730.0
Headers dimensions	mm	0
Headers position	mm	0

Fan motor data

Fan number	N°	4
Diameter	mm	630
Voltage - Phase - Frequency	Volt/N°/Hz	400 - 3 - 50
Fan rotation speed	rpm	1320
Power x 1 Fan	Watt	2630
Total power	Watt	10520
Current x 1 Fan	A	4.78
Total current	A	19.12
Available static pressure	Pa	-

Defrost

Electric defrost	kW	33.6
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Software Name
Software Version
Printing date: 03/02/2015

Code	1502	Creation Date	2/3/2015
Customer	test	Expiry Date	2/3/2015
Reference		Payment Type	
Packaging		Payment Conditions	
Delivery Terms		Warranty	
Lead time		NetPrice	17291.00 EUR
Notes			

Code	Description	Quantity	Net price EUR
KCEH634BP60L400D	Cubic cooler	1	15034.00
	Electric defrost	1	2257.00
	Total Price Position		17291.00

KFL srl - Via Dal Bosc 10, 34076 ROMANS D' ISONZO (GO) Italy
Tel. +39 0481 95 09 42 Fax +39 0481 95 04 78
<http://www.kfl-italy.com/en/>

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