

Date 6/7/2020
 For the attention of:
 Reference
 Operator



INDUSTRIAL UNIT COOLER:CUBIC
Type: CS50H 2008 E 12
N. units: 1

Refriger (u) 2020 Ver. 2.2.1.354 - PRICE LIST 03/2020

Inlet air temp. (room)	[°C]	-20,0
Room relative humidity	[%]	85
Refrigerant		R452A
Altitude	[m]	0
Residual static pressure	[Pa]	0
DT1 needed for unit cooler (Dew)	[K]	8,0

Connection 400V-3PH-50Hz



Actual capacity	[W]	20.000
Air flow	[m3/h]	16.000,0
Air throw	[m]	42
Outlet air temperature	[°C]	-23,1
Evaporating temp (Dew)	[°C]	-28,8
DT superheating (Dew)	[K]	5,0
Temp. before expansion valve	[°C]	11,3
DT1 (Dew)	[K]	8,8
DTmlg	[K]	7,1
Fluid pressure drop	[K]	0,8
RC factor (Sensible capacity/Total capacity)	[%]	90,9
Energy efficiency class		D (2014 thresholds)
Fan motor consumpt.	[W]	1.400
Power draw	[A]	2,8
Max fan absorbed current*	[A]	2,9
Fan speed	[1/min]	1330
Sound pressure level (5m)	[dB(A)]	58
Sound Power Level	[dB(A)]	83
Electric defrost (230 V)	[W]	10.970
COMPRESSOR CAPACITY	[W]	20.000 (-28,8 / 45,0 [°C])
Required condenser capacity	[W]	35.600 (Type Semi - hermetic)

N° Fans	[mm]	2 x 500	Weight	[kg]	192
Poles	[n]	4	Connections in	[n] x [mm]	1 x 28
Fin spacing	[mm]	12	Connections out	[n] x [mm]	1 x 54
Internal volume	[dm3]	24,9	Drain tray connection	["]	1" 1/4
Surface	[m2]	53,1	Overall dimensions	[mm]	2.250 x 775 x 930
Max Working pressure	[bar]	24,0			

Casing material	Powder coated galvanized steel RAL 9003	Fin material	Al
Header material	Cu	Tube material	Cu

* Refer to LU-VE S.p.A. instruction manuals for details, data and standards. Noise level in 5m free field. The current may increase according to temperature frost quantity, external static pressure. The weight and dimensions are not valid for all possible configurations. All fans are ErP 2015-compliant (Directive 2009/125/EC Energy-related products). LU-VE S.p.A. reserves the right to modify and correct at any time, with or without notice, the specifications and prices listed in the Refriger software.

Accessories:

Q.ty	Code	Type:	Description	List Value
2	10101351	SHRHEA - D=500 (280W)	FAN SHROUD HEATER	182,00
2	30158713	SOCK ADAPTER 500 - 1M	TEXTILE TUBE ADAPTER (textile tube Ø to be agreed)	288,40
1	BAC	BAC ISOLATE	INSUL. DRAIN TRAY	594,06

Unit list value	1 x 5.856,00 €	Delivery
Total List Value	6.920,46 €	Payment conditions
Discount	62,5 %	Offer Validity
Accessories discount	62,5 %	
Total net Value	2.595,17 €	

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Type: CS50H 2008 E 12
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Inlet air temp. (room)	[°C]	-36,0
Room relative humidity	[%]	85
Refrigerant		R452A
Altitude	[m]	0
Residual static pressure	[Pa]	0
DT1 needed for unit cooler (Dew)	[K]	6,5

Connection 400V-3PH-50Hz



Actual capacity	[W]	14.000
Air flow	[m3/h]	16.000,0
Air throw	[m]	42
Outlet air temperature	[°C]	-38,2
Evaporating temp (Dew)	[°C]	-42,7
DT superheating (Dew)	[K]	4,5
Temp. before expansion valve	[°C]	0,0
DT1 (Dew)	[K]	6,7
DTmlg	[K]	5,5
Fluid pressure drop	[K]	1,0
RC factor (Sensible capacity/Total capacity)	[%]	98,4
Energy efficiency class		D (2014 thresholds)
Fan motor consumpt.	[W]	1.400
Power draw	[A]	2,8
Max fan absorbed current*	[A]	2,9
Fan speed	[1/min]	1330
Sound pressure level (5m)	[dB(A)]	58
Sound Power Level	[dB(A)]	83
Electric defrost (230 V)	[W]	10.970
COMPRESSOR CAPACITY	[W]	14.000 (-42,7 / 45,0 [°C])
Required condenser capacity	[W]	28.800 (Type Semi - hermetic)

N° Fans	[mm]	2 x 500	Weight	[kg]	192
Poles	[n]	4	Connections in	[n] x [mm]	1 x 28
Fin spacing	[mm]	12	Connections out	[n] x [mm]	1 x 54
Internal volume	[dm3]	24,9	Drain tray connection	["]	1" 1/4
Surface	[m2]	53,1	Overall dimensions	[mm]	2.250 x 775 x 930
Max Working pressure	[bar]	24,0			

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