

Date 2/11/2023
For the attention of:
Reference
Operator



COMMERCIAL UNIT COOLER:CUBIC

Type: F31HC 246 N 6 CO2 EC

Spec. CO2 - DX

N. units: 1

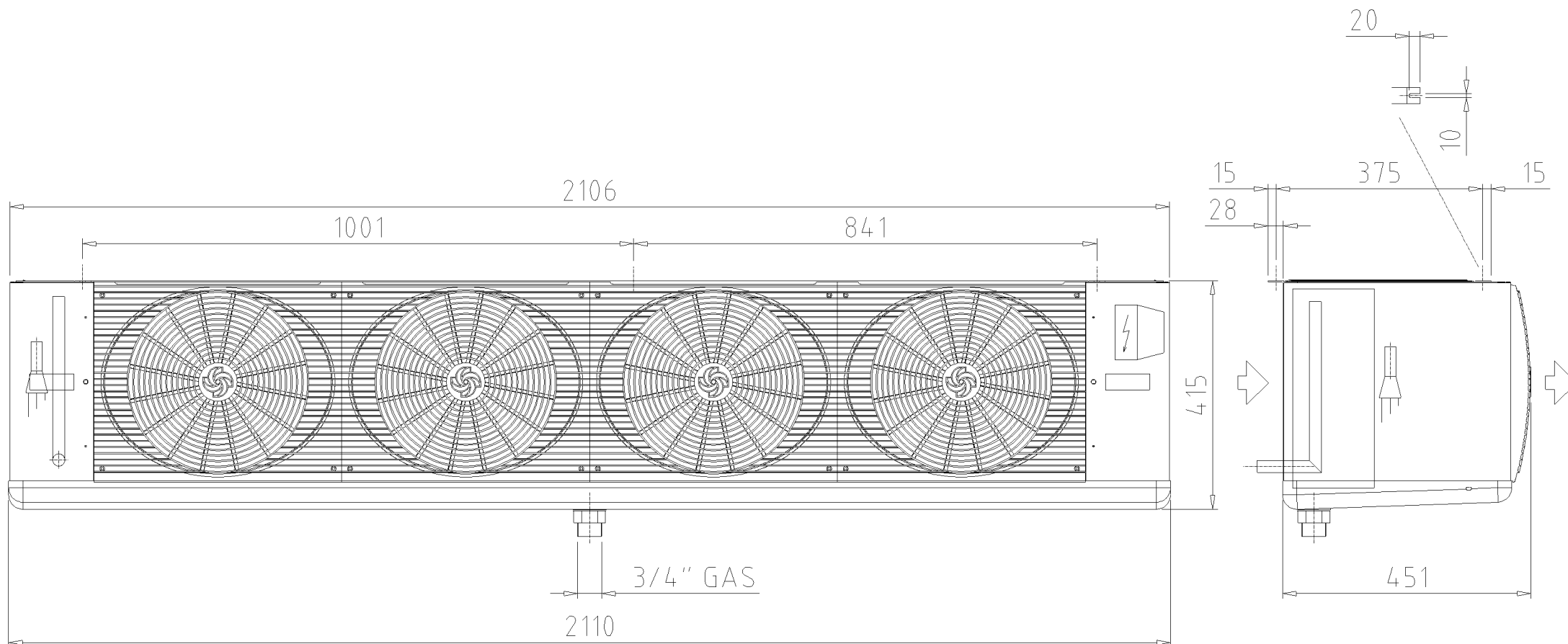
Refriger (u) 2023 Ver. 2.3.1.394 - PRICE LIST 1/1/2023

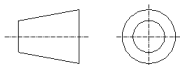
Inlet air temp. (room)	[°C]	0,0		
Room relative humidity	[%]	85		
Refrigerant		CO2		
Altitude	[m]	0		
Residual static pressure	[Pa]	0		
DT1 needed for unit cooler	[K]	8,0		
Connection	230V-1PH-50Hz		EC FANS	
Actual capacity	[W]	12.600		
Air flow	[m3/h]	6.210,0		
Air throw	[m]	24		
Outlet air temperature	[°C]	-4,4		
Evaporating temp	[°C]	-8,0		
DT superheating	[K]	5,0		
Temp. before expansion valve	[°C]	5,0		
DT1	[K]	8,0		
DTmlg	[K]	5,5		
Fluid pressure drop	[K]	0,4		
RC factor (Sensible capacity/Total capacity)	[%]	74,9		
Fan motor consumpt.	[W]	264		
Power draw	[A]	2,4		
Max fan absorbed current*	[A]	2,4		
Fan speed	[1/min]	1285	(Fixed speed)	
Sound pressure level (5 m) 5	[dB(A)@5m]	50		
Sound Power Level	[dB(A)]	75		
N° Fans	[mm]	4 x 315	Weight	[kg] 78
Poles	[n]	EC FANS 6	Connections in	[n] x [mm] 1 x 12
Fin spacing	[mm]	8,1	Connections out	[n] x [mm] 1 x 16
Internal volume	[dm3]	40,8	Drain tray connection	["] 3/4
Surface	[m2]	60,0	Overall dimensions	[mm] 2.110 x 450 x 415
Max Working pressure	[bar]	60,0		
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.

EUROVENT – CERTIFY ALL! Eurovent certification guarantees thermal performance, sound specifications, electrical power consumption, air volume flows. The certified performances and conditions in this software are in line with performances and conditions published on EUROVENT website.

LU-VE Group participates in the ECP programme for HE. Check ongoing validity of certificate and performance on www.eurovent-certification.com. The EUROVENT certification refers to the unit in standard configuration, additional options may impact on declared reference performance.



Date	4-03-2008	Type: F31HC 246 N 6 CO2 EC
Scale	1:10	Code: F31HC246CO2N
		

Standard unit without accessories. For the connections please refer to the data sheet.