

Date 1/3/2023
For the attention of:
Reference
Operator



DUAL DISCHARGE UNIT COOLERS - CO2
Type: FHD 821 N 4 CO2 DX
N. units: 1

Spec. CO2 - DX

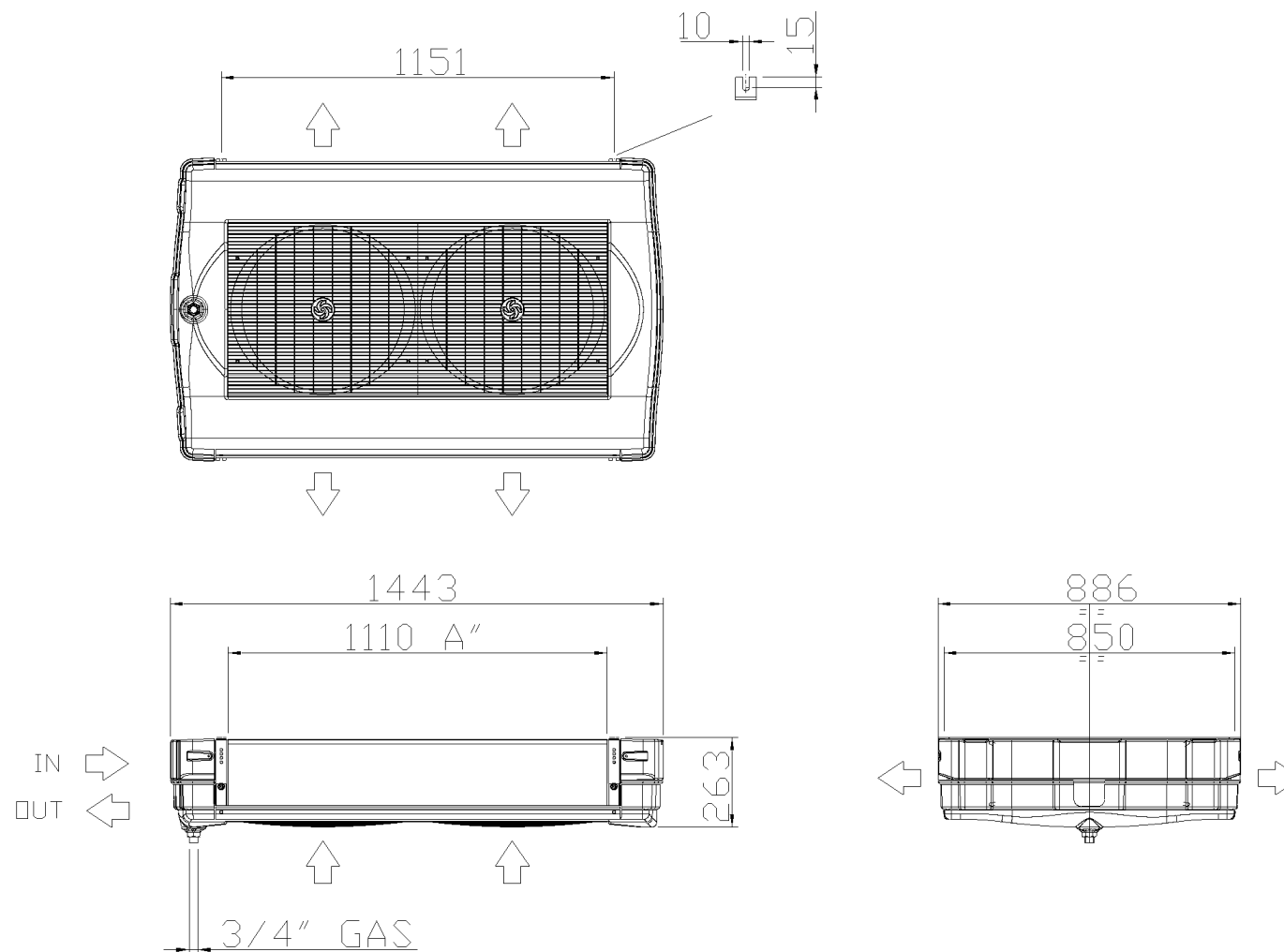
Refriger (u) 2021 Ver. 2.2.2.385 - PRICE LIST 1/1/2023

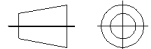
Inlet air temp. (room)	[°C]	0,0	
Room relative humidity	[%]	85	
Refrigerant		CO2	
Altitude	[m]	0	
Residual static pressure	[Pa]	0	
DT1 needed for unit cooler	[K]	8,0	
Connection	230V-1PH-50Hz	EC FANS	
Actual capacity	[W]	5.200	
Air flow	[m3/h]	3.710,0	
Air throw	[m]	13	
Outlet air temperature	[°C]	-3,1	
Evaporating temp	[°C]	-8,0	
DT superheating	[K]	5,0	
Temp. before expansion valve	[°C]	5,0	
DT1	[K]	8,0	
DTmlg	[K]	6,3	
Fluid pressure drop	[K]	0,3	
RC factor (Sensible capacity/Total capacity)	[%]	75,1	
Fan motor consumpt.	[W]	170	
Power draw	[A]	1,4	
Max fan absorbed current*	[A]	1,46	
Fan speed	[1/min]	1100	(Fixed speed)
Sound pressure level (5 m) 5	[dB(A)@5m]	48	
Sound Power Level	[dB(A)]	73	
N° Fans	[mm]	2 x 350	Weight [kg] 35
Poles	[n]	EC FANS	Connections in [n] x [mm] 1 x 12
Fin spacing	[mm]	4,5	Connections out [n] x [mm] 1 x 16
Internal volume	[dm3]	1,9	Drain tray connection ["] 3/4
Surface	[m2]	26,2	Overall dimensions [mm] 1.443 x 886 x 263
Max Working pressure	[bar]	60,0	
Casing material	Safeshell plastic material, white	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.

The certified performances and conditions in this software are in line with performances and conditions published on EUROVENT website. Those performances can be verified in www.eurovent-certification.com.

The EUROVENT certification refers to the unit in standard configuration, additional options may impact on declared reference performance.



Date	29-11-12	Type: FHD 821 N 4 CO2 DX
Scale	1:1	Code: 10133131
		

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