

Date 21/12/2023  
 For the attention of:  
 Reference  
 Operator



**ANGLED UNIT COOLERS - CO2**  
**Type: FHA 14 E 80 - CO2 DX 85 Bar**  
**N. units: 1**

**Spec. CO2 - DX**

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

Inlet air temp. (room)	[°C]		4,0
Room relative humidity	[%]		85
Refrigerant			CO2
Altitude	[m]		0
Residual static pressure	[Pa]		0
DT1 needed for unit cooler	[K]		8,0
<b>Connection</b>	<b>230V-1PH-50Hz</b>		<b>EC FANS</b>
<b>Actual capacity</b>	<b>[W]</b>		<b>800</b>
Air flow	[m3/h]		720,0
Air throw	[m]		11
Outlet air temperature	[°C]		1,7
Evaporating temp	[°C]		-2,9
DT superheating	[K]		4,0
Temp. before expansion valve	[°C]		5,0
DT1	[K]		6,9
DTmlg	[K]		5,7
Fluid pressure drop	[K]		0,0
RC factor (Sensible capacity/Total capacity)	[%]		71,6
Fan motor consumpt.	[W]		17
Power draw	[A]		0,14
Max fan absorbed current*	[A]		0,18
Fan speed	[1/min]		1400 (Fixed speed)
Sound pressure level (5 m) 5	[dB(A)@5m]		42
Sound Power Level	[dB(A)]		67
Electric defrost (230 V)	[W]		500
N° Fans	[mm]	1 x 275	Weight [kg] 10
Poles	[n]	<b>EC FANS</b>	Connections in [n] x [mm] 1 x 10
Fin spacing	[mm]	7	Connections out [n] x [mm] 1 x 10
Internal volume	[dm3]	0,6	Drain tray connection ["] 3/4
Surface	[m2]	2,6	Overall dimensions [mm] 615 x 555 x 260
<b>Max Working pressure</b>	<b>[bar]</b>	<b>85,0</b>	
Casing material	Safeshell plastic material, white		Fin material Al
Header material	Cu		Tube material Cu

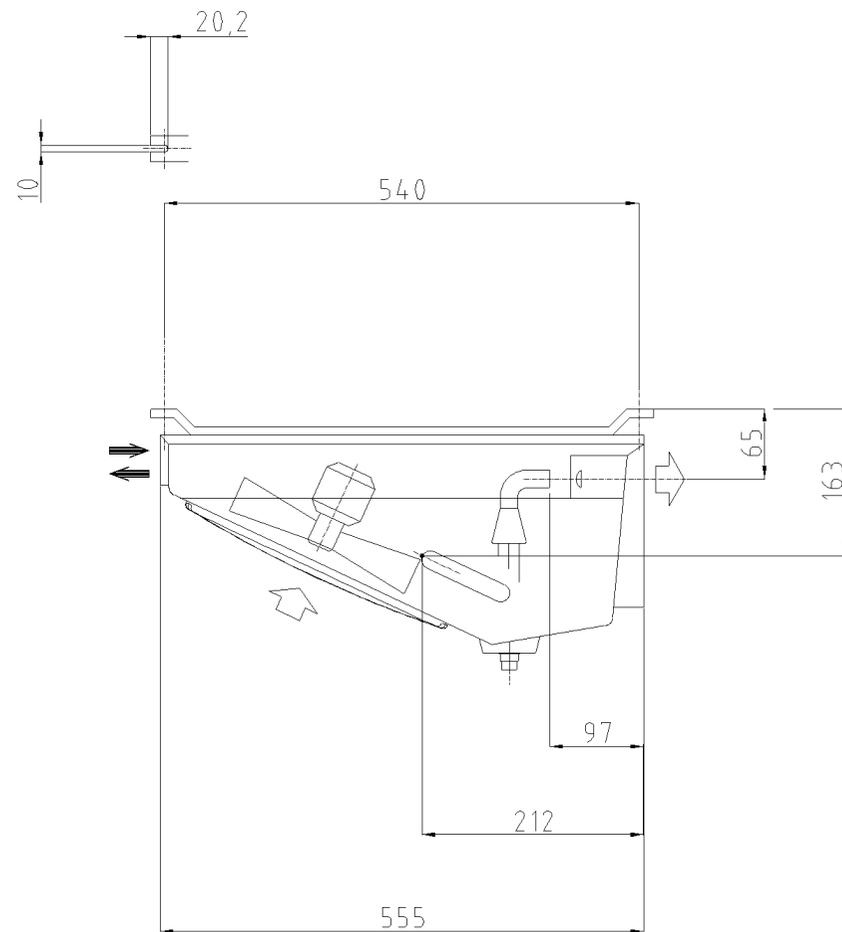
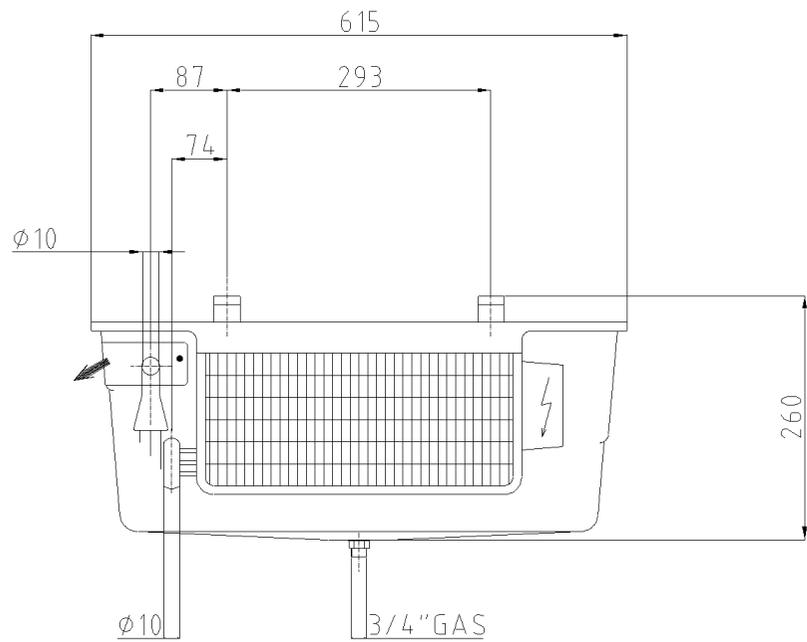
\* Refer to LU-VE S.p.A. instruction manuals for details, data and standards. Noise level in 5m free field. The current may increase according to temperature frost quantity, external static pressure. The weight and dimensions are not valid for all possible configurations. All fans are ErP 2015-compliant (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.

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](http://www.eurovent-certification.com). The EUROVENT certification refers to the unit in standard configuration, additional options may impact on declared reference performance.

**Accessories:**

Q.ty	Code	Type:	Description
1	30196987	EC FAN - 230V - 1400rpm	EC FANS



Date	06-08-2015	Type:	FHA 14 E 80 - C02 DX 85 BAR
Scale	1:1	Code:	10150359

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