

Date 12/11/2018  
 For the attention of:  
 Reference  
 Operator



**COMMERCIAL UNIT COOLER:CUBIC**  
**Type: F31HC 215 AC N 6**  
**N. units: 1**

Refriger (u) 2017 Ver. 2.1.4.316 - PRICE LIST 11/2017

Inlet air temp. (room)	[°C]		2,0
Room relative humidity	[%]		85
Refrigerant			R448A
Altitude	[m]		0
Residual static pressure	[Pa]		0
DT1 needed for unit cooler	[K]		10,0
<b>Connection</b>		<b>230V-1PH-50Hz</b>	
<b>Actual capacity</b>	<b>[W]</b>		<b>3 720</b>
Air flow	[m3/h]		1 750,0
Air throw	[m]		19
Outlet air temperature	[°C]		-2,7
Evaporating temp	[°C]		-8,0
DT superheating	[K]		5,0
Temp. before expansion valve	[°C]		30,0
DT1	[K]		10,00
DTmlg	[K]		7,41
Fluid pressure drop	[K]		1,9
RC factor (Sensible capacity/Total capacity)	[%]		71,6
Energy efficiency class			D <b>(2014 thresholds)</b>
Fan motor consumpt.	[W]		102
Power draw	[A]		0,5
Max fan absorbed current	[A]		0,52
Fan speed	[1/min]		1290
Sound pressure level (5m)	[dB(A)]		44
Sound Power Level	[dB(A)]		69
<b>COMPRESSOR CAPACITY</b>	<b>[W]</b>		<b>3 720</b>
<b>Required condenser capacity</b>	<b>[W]</b>		<b>5 300</b> (-8,0 / 40,0 °C) ( Type Semi - hermetic )
N° Fans	[mm]	1 x 315	Weight [kg] 22
Poles	[n]	4	Connections in [n] x [mm] 1 x 12
Fin spacing	[mm]	6	Connections out [n] x [mm] 1 x 16
Internal volume	[dm3]	1,50	Drain tray connection ["] 3/4
Surface	[m2]	6,8	Overall dimensions [mm] 760 x 450 x 415
<b>Max Working pressure</b>	<b>[bar]</b>	<b>24,0</b>	
Casing material	Powder coated galvanized steel RAL 9003		Fin material Al
Header material	Cu		Tube material Cu

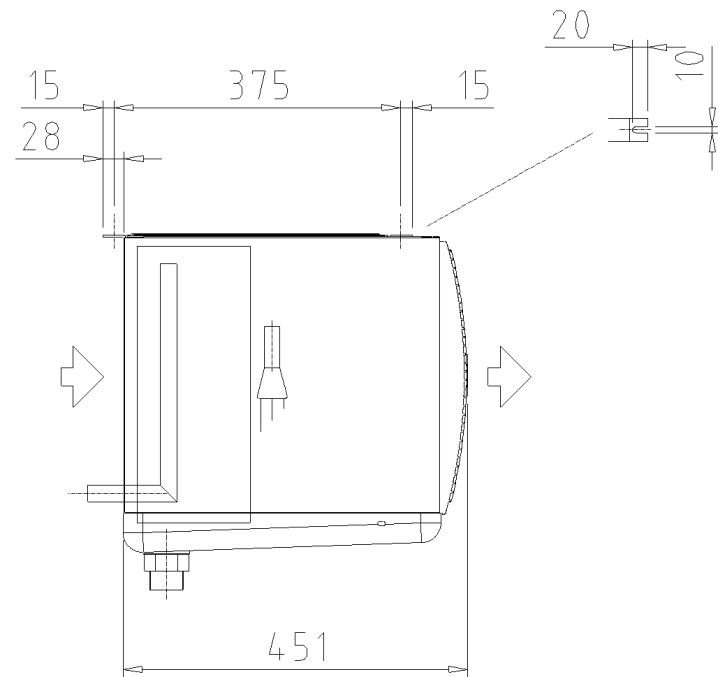
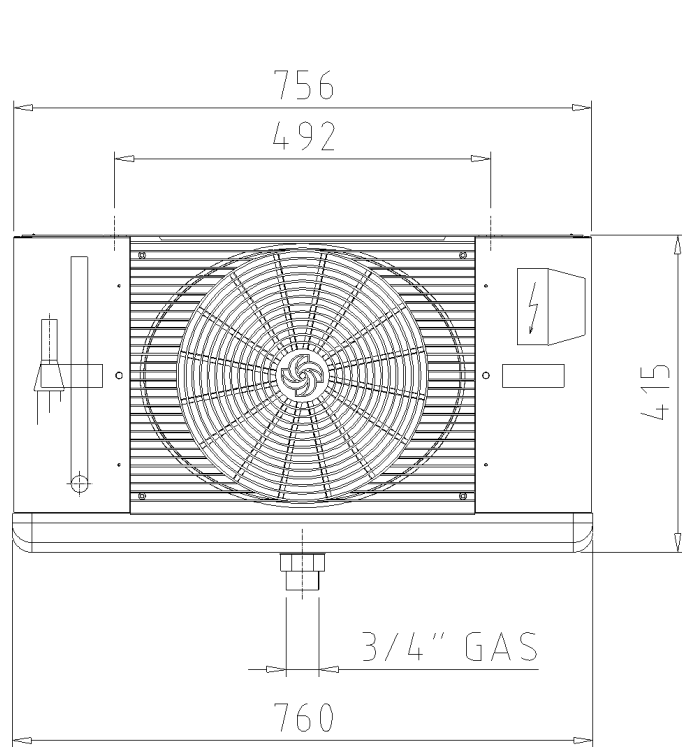
\* Refer to LU-VE S.p.A catalogues for details, presentation of data and standards. Noise level in 5m free field. The current may increase according to temperature frost quantity, external static pressure. The weight and dimensions are not valid for all possible configurations. All fans are ErP 2015-compliant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

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Date	4-03-2008	Type: F31HC 215 AC N 6
Scale	1:10	Code: F31HC215Na

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