

Date 20/11/2018
For the attention of:
Reference
Operator



COMMERCIAL UNIT COOLER:CUBIC

Type: F31HC 316 AC E 7

N. units: 1

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

Inlet air temp. (room)	[°C]	-22,0
Room relative humidity	[%]	85
Refrigerant		R448A
Altitude	[m]	0
Residual static pressure	[Pa]	0
DT1 needed for unit cooler	[K]	8,0

Connection 230V-1PH-50Hz

Actual capacity	[W]	2 840
Air flow	[m3/h]	1 650,0
Air throw	[m]	17
Outlet air temperature	[°C]	-25,5
Evaporating temp	[°C]	-30,0
DT superheating	[K]	5,0
Temp. before expansion valve	[°C]	9,4
DT1	[K]	8,00
DTmlg	[K]	6,11
Fluid pressure drop	[K]	1,9
RC factor (Sensible capacity/Total capacity)	[%]	91,8
Energy efficiency class		C
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
Electric defrost (230 V)	[W]	2 550
COMPRESSOR CAPACITY	[W]	2 840
Required condenser capacity	[W]	4 900

(2014 thresholds)

(-30,0 / 40,0 °C)

(Type Semi - hermetic)

N° Fans	[mm]	1 x 315	Weight	[kg]	23
Poles	[n]	4	Connections in	[n] x [mm]	1 x 12
Fin spacing	[mm]	7	Connections out	[n] x [mm]	1 x 18
Internal volume	[dm3]	2,30	Drain tray connection	["]	3/4
Surface	[m2]	8,9	Overall dimensions	[mm]	760 x 450 x 415
Max Working pressure	[bar]	24,0			

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

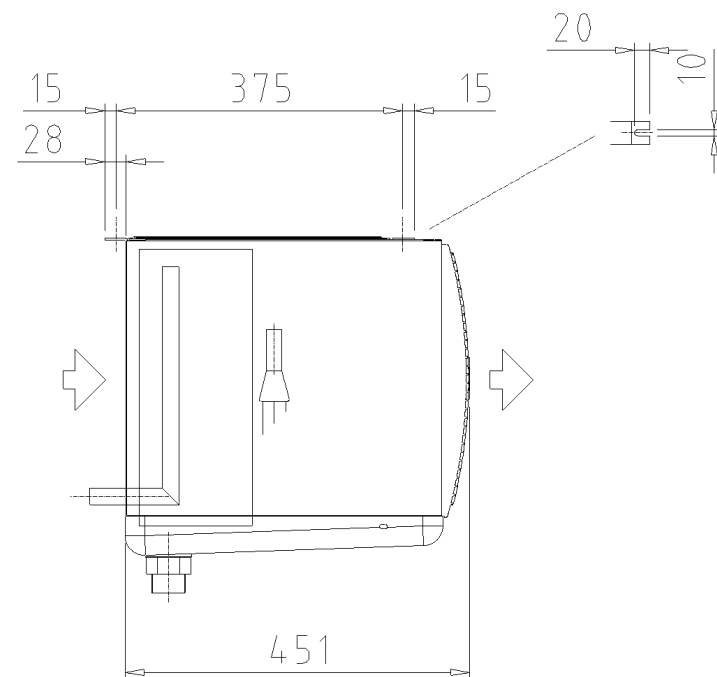
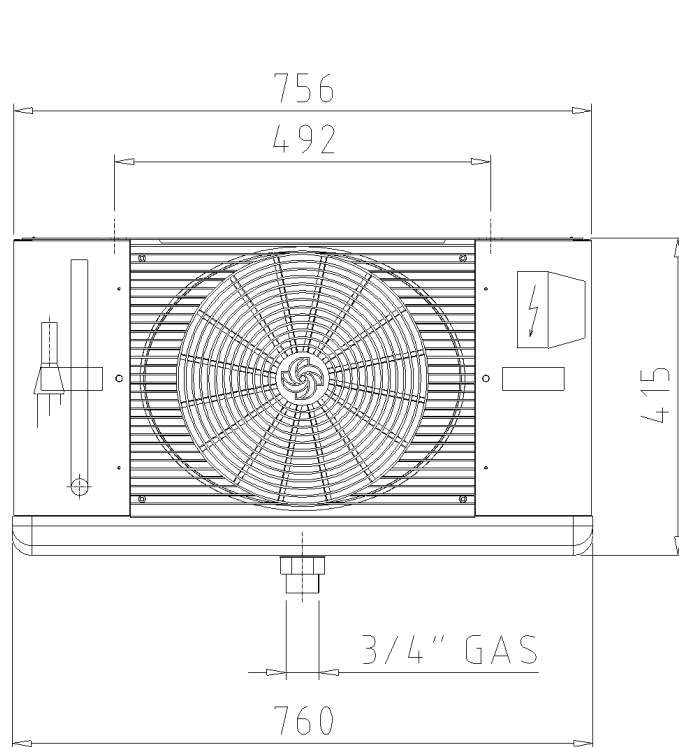
* Refer to LU-VE S.p.A. catalogues for details, presentation of data and standards. Noise level in 5m free field. The current may increase according to temperature frost quantity, external static pressure. The weight and dimensions are not valid for all possible configurations. All fans are ErP 2015-compliant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

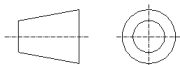
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Date	4-03-2008	Type: F31HC 316 AC E 7
Scale	1:10	Code: F31HC316Ea
		

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