

Date 30/11/2015
 For the attention of:
 Reference
 Operator



ANGLED/CABINET UNIT COOLERS
Type: FHA 27 N 50
N. units: 1

Refriger (u) 2015 Ver. 2.1.4.293 - PRICE LIST 1/2015

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
Connection		230V-1PH-50Hz	
Actual capacity	[W]		2 080
Air flow	[m3/h]		720,0
Air throw	[m]		9
Outlet air temperature	[°C]		-4,4
Evaporating temp	[°C]		-8,0
DT superheating	[K]		5,0
Temp. before expansion valve	[°C]		30,0
DT1	[K]		10,00
DTmlg	[K]		6,29
Fluid pressure drop	[K]		0,5
RC factor (Sensible capacity/Total capacity)	[%]		71,5
Energy efficiency class			E (2014 thresholds)
Fan motor consumpt.	[W]		98
Power draw	[A]		0,65
Max fan absorbed current	[A]		0,65
Fan speed	[1/min]		1400
Sound pressure level (5m)	[dB(A)]		41
Sound Power Level	[dB(A)]		66
COMPRESSOR CAPACITY	[W]		2 080
Required condenser capacity	[W]		2 950 (-8,0 / 40,0 °C) (Type Semi - hermetic)
N° Fans	[mm]	1 x 275	Weight [kg] 10
Poles	[n]	4	Connections in [n] x [mm] 1 x 12
Fin spacing	[mm]	4,5	Connections out [n] x [mm] 1 x 22
Internal volume	[dm3]	0,90	Drain tray connection ["] 3/4
Surface	[m2]	5,3	Overall dimensions [mm] 740 x 555 x 260
Max Working pressure	[bar]	24,0	
Casing material	Safeshell plastic material, white		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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