

## COMMERCIAL UNIT COOLER:CUBIC

Type: Výparník 1.21

N. units: 1

Inlet air temp. (room)	[°C]	2,0	
Room relative humidity	[%]	85	
Refrigerant		R449A	
Altitude	[m]	300	
Residual static pressure	[Pa]	0	
DT1 needed for unit cooler (Dew)	[K]	7,0	
<b>Connection</b>	<b>230V-1PH-50Hz</b>	<b>EC FANS</b>	
<b>Actual capacity</b>	<b>[W]</b>	<b>7.600</b>	
Air flow	[m3/h]	5.300,0	
Air throw	[m]	24	
Outlet air temperature	[°C]	-1,2	
Evaporating temp (Dew)	[°C]	-5,0	
DT superheating (Dew)	[K]	5,0	
Temp. before expansion valve	[°C]	30,0	
DT1 (Dew)	[K]	7,0	
DTmlg	[K]	5,3	
Fluid pressure drop	[K]	0,5	
RC factor (Sensible capacity/Total capacity)	[%]	72,4	
Energy efficiency class		C	(2014 thresholds)
Fan motor consumpt.	[W]	290	
Power draw	[A]	2,4	
Max fan absorbed current*	[A]	3,0	
Fan speed	[1/min]	1450	(Fixed speed)
Sound pressure level (5 m) 5	[dB(A)@5m]	53	
Sound Power Level	[dB(A)]	78	
Electric defrost (230 V)	[W]	3.680	
<b>COMPRESSOR CAPACITY</b>	<b>[W]</b>	<b>7.600</b>	( -5,0 / 45,0 [°C])
<b>Required condenser capacity</b>	<b>[W]</b>	<b>10.800</b>	( Type Semi - hermetic )
N° Fans	[mm]	2 x 350	Weight [kg] 42
Poles	[n]	<b>EC FANS</b>	Connections in [n] x [mm] 1 x 12
Fin spacing	[mm]	6	Connections out [n] x [mm] 1 x 28
Internal volume	[dm3]	4,0	Drain tray connection ["] 3/4
Surface	[m2]	20,2	Overall dimensions [mm] 1.420 x 460 x 487
<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

### Accessories:

Q.ty	Code	Type:	Description
2	30170511	EC FAN - 230V - 1450rpm	EC FANS

