

**TECHNICAL DATA**
**LCAEX 842 PAC2**

REQUESTED DATA		
Cooling capacity	kW	650
IN/OUT water temperature	°C	12 / 7
Ambient air temperature	°C	35,0
Fluid	Eth. Glycol 30%	
Sound Pressure Level	dB(A)	0
OFFER DATA (SELECTION)		
COOLING		
IN/OUT water temperature	°C	12 / 7
Cooling capacity	kW	655
Total power input (2)	kW	238
EER	-	2,75
COMPRESSORS - Screw		
Quantity	n°	2
Circuits number	n°	2
Capacity Steps	n°	4
REFRIGERANT		
Refrigerant	-	R134A
Refrigerant charge	kg	170
EVAPORATOR		
Fluid	Eth. Glycol 30%	
Water flow rate	m³/h	122
Pressure drop	kPa	76
Fouling factor	m²K/W	0,000086
Fluid volume	l	195
CONDENSER		
Ambient air temperature	°C	35,0
Number of fans	n°	10
Air flow rate	m³/h	190800
Power single fan	kW	2,00
Current single fan	A	4,00
ELECTRICAL DATA		
Electrical supply	V/f/Hz	400/3/50
Max current consumption	A	633
Max LRC	A	1069
NOISE PRESSURE DATA		
Sound Pressure Level (1)	dB(A)	89,0
Distance	m	1
DIMENSIONS AND WEIGHTS		
Length	mm	6050
Width	mm	2300
Height	mm	2560
Weight	kg	6250
Weight in operation	kg	7700
HYDRAULIC KIT		
Expansion tank	l	1500
Number of pumps	n°	2,00
Single pump power	kW	9,20
Current single pump	A	16,7
Available static head pressure	kPa	124
NOTES		

- (1) side of the compressor in free field  
 (2) Compressors + fans

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