

NECS /B 1355

Versione Software: NewELCA - Ver. 1.2.0.12
 Versione report : 1.0.0.19
 Versione DB : 1.0.0.43
 Utente : Liivakant Elvis



PERFORMANCES

COOLING MODE		
Cooling capacity	[kW]	338,7
Total power input	[kW]	128,7
EER		2,63
ESEER		4,05

PART LOAD					
Load	[%]	100	75	50	25
Air Temp. °C	[°C]	35,0	30,0	25,0	20,0
Cooling capacity	[kW]	338,7	254,0	169,4	84,7
Total power input	[kW]	128,7	72,4	40,8	19,1
EER		2,63	3,51	4,15	4,44

CONDITIONS REFERRED TO			
	TA	Evap. Tin	Evap. Tout
	[°C]	[°C]	[°C]
COOLING	35	12,0	7,0

EVAPORATOR			
Type	Nr.	Connection-Type	Connect. diameter
SHELL&TUBE	1	FLANGE	6"
Evap. Tin	[°C]		12,0
Evap. Tout	[°C]		7,0
Fluid			ETHYLENE GLYCOL
Glycol	[%]		35
Fouling factor	[m ² °C/W]		0,00000
Flow rate	[m ³ /h]		66,0
Pressure drop	[kPa]		59,1

COMPRESSORS	
Type	SCROLL
Nr.	5
Nr. of capacity steps	5
Min. cap. step	20
Nr. of refrigerant circuits	2
Type of regulation	STEPS
Refrigerant	R410A

COIL SECTION		
Fan Type		AXIAL
Number of Fans		6
Flow rate	[m ³ /s]	28,5
ESP	[Pa]	0
Consumption	[kW]	2



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NOISE LEVELS

SOUND POWER LEVEL

63 Hz [dB]	125 Hz [dB]	250 Hz [dB]	500 Hz [dB]	1 kHz [dB]	2 kHz [dB]	4 kHz [dB]	8 kHz [dB]	TOT [dB]
95	91	91	92	90	86	80	72	94

Distance **10**

SOUND PRESSURE CALCULATION IN FREE FIELD CONDITIONS

63 Hz [dB]	125 Hz [dB]	250 Hz [dB]	500 Hz [dB]	1 kHz [dB]	2 kHz [dB]	4 kHz [dB]	8 kHz [dB]	TOT [dB(A)]
63	59	59	60	58	54	48	40	62

ELECTRICAL DATA

Power supply	[V/ ph /Hz]	400/3/50
SA	[A]	530,6
FLA	[A]	279,6
Power input	[kW]	165,8

DIMENSIONS AND WEIGHTS

Length	[mm]	3610
Height	[mm]	2430
Width	[mm]	2220
Weight	[kg]	2990

