

# NECS-W /B 0352

Versione Software: NewELCA - Ver. 1.1.0.36  
 Versione report : 1.0.0.13  
 Versione DB : 1.0.0.20  
 Utente : Kozlowski Robert



## PERFORMANCES

### COOLING MODE

Cooling capacity	[kW]	84,9
Total power input	[kW]	28,3
EER		3,00
ESEER		5,80

### PART LOAD

Load	[%]	100	75	50	25
Ti Condenser	[°C]	30,0	26,0	22,0	18,0
Cooling capacity	[kW]	95,10	71,30	47,60	23,80
Total power input	[kW]	23,20	14,60	8,10	4,50
EER		4,10	4,89	5,88	5,35

### CONDITIONS REFERRED TO

	Evap. Tin	Evap. Tout	Cond. Tin	Cond. Tout
	[°C]	[°C]	[°C]	[°C]
COOLING	12,0	6,0	40,0	45,0

### EVAPORATOR

Type	Nr.	Connection-Type	
PLATE	1	VICTAULIC	2"1/2
Evap. Tin	[°C]		12,0
Evap. Tout	[°C]		6,0
Fluid			WATER
Glycol	[%]		0
Fouling factor	[m² °C/W]		0,000000
Flow rate	[m³/h]		12,18
Pressure drop	[kPa]		16,03

### CONDENSERS

Type	Nr.	Connection-Type	Connect_diameter
PLATE	1	VICTAULIC	2"1/2
Cond. Tin	[°C]		40,00
Cond. Tout	[°C]		45,00
Fluid			ETHYLENE GLYCOL
Glycol	[%]		30
Fouling factor	[m² °C/W]		0,0000
Flow rate	[m³/h]		20,90
Pressure drop	[kPa]		41,67



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## COMPRESSORS

Type	SCROLL
Nr.	2
Nr. of capacity steps	2
Min. cap. step	50
Nr. of refrigerant circuits	1
Type of regulation	STEPS
Refrigerant	R410A

## NOISE LEVELS

### SOUND POWER LEVEL

63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	TOT
[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
77	75	76	75	71	69	65	54	77

Distance 10

### SOUND PRESSURE CACULATION IN FREE FIELD CONDITIONS

63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	TOT
[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB(A)]
46	44	45	44	40	38	34	23	46

## ELECTRICAL DATA

Power supply	[V/ ph /Hz]	400/3/50
SA	[A]	253
FLA	[A]	64,0
Power input	[kW]	39,2

## DIMENSIONS AND WEIGHTS

Length	[mm]	1222
Height	[mm]	1496
Width	[mm]	873
Weight	[kg]	610

