



CHILLER RACA PLUS ENERGY		RPE252B-1P-M004-M101	STANDARD
<b>CHILLER DESCRIPTION</b>			
<b>REFRIGERANT SECTION</b>			
Refrigerant	R-410A	Type	
<b>NOMINAL CONDITIONS</b>			
Capacity rating	82,2	kW	
Outlet water temperature	15	°C	
Ambient temperature	25	°C	
Absorption power	17,8	kW	
EER Index	4,62	EER	
<b>CUSTOMER CONDITIONS REQUIRED</b>			
Capacity rating	46,2	kW	
Outlet water temperature	5	°C	
Ambient temperature	45	°C	
Absorption power	24,7	kW	
EER Index	1,87	EER	
<b>SYSTEM DATA</b>			
Sound pressure in 10 mt free field	52	dB(A)	
Capacity control steps	2 STEPS	No.	
Process fluid temperature range	-10 ÷ +15	°C ÷ °C	
Ambient temperature range	-8 ÷ +46	°C ÷ °C	
Cooling circuits	1	No.	
Water circuits	1	No.	
<b>COMPRESSORS SECTION</b>			
Compressor	Hermetic-scroll	Type	
Compressors number	2	No.	
<b>CONDENSATOR SECTION</b>			
Airflow In - Out	Horiz/Vert	Direction	
Nominal air flow	19152	m3/h	
<b>EVAPORATOR SECTION</b>			
Evaporator type	brazed plate	Type	
Evaporators number	1	No.	
Nominal flow rate of process fluid	14,1	m3/h	
Pressure drop	65	kPa	
<b>FANS SECTION</b>			
Fans type	Axial	Type	
Air flow rate	19152	m3/h	
Fan number	4	No.	
<b>HYDRAULIC SECTION</b>			
Hydronic system type	1P	Type	
Tank capacity	140	l	
Number of pumps	1	No.	
Pump capacity	14,1	m3/h	
Pump pressure	4,00	bar	
<b>ELECTRO-ELECTRONIC SECTION</b>			
Control system	Electronic card	Type	
Power supply	380-400-415/3+N/50	V/Ph/Hz	
Auxiliary power	230-24Vac	V/Ph/Hz	
Total power input	30,4	kW	
Total nominal current	56,6	A	
Maximum starting current	150,3	A	
<b>STRUCTURE</b>			
Dimensions AxBxH	2395x1195x1865	mm	
Free space - electrical cabinet side	1000	mm	
Free space - opposite side of electrical cabinet	1000	mm	
Free space - evaporator side	1000	mm	
Free space - opposite side of evaporator	1000	mm	
Color	7035	RAL	
Weight	770	kg	
Fluid delivery to plants	1-1/2"	Ø	
Fluid return from plants	1-1/2"	Ø	
<b>REMARKS</b>			
<p><b>M004 = Pump 4.0 bar pressure</b>  <b>M101 = automatic by pass between delivery and return</b></p>			
<b>REV08</b>			
<b>CONFORMITY UE 2016/2281</b>			
<p>Le caratteristiche delle macchine non sono impegnative e possono essere modificate da Frigosystem senza preavviso  The technical data are not binding and may be changed by Frigosystem without notice</p>			



da mod. 152 a 802  
from mod. 152 till 802



da mod. 614 a 1214  
from mod. 614 till 1214



da mod. 1314 a 1614  
from mod. 1314 till 1614



Strumento di controllo con visualizzazione LCD  
Control device with LCD display