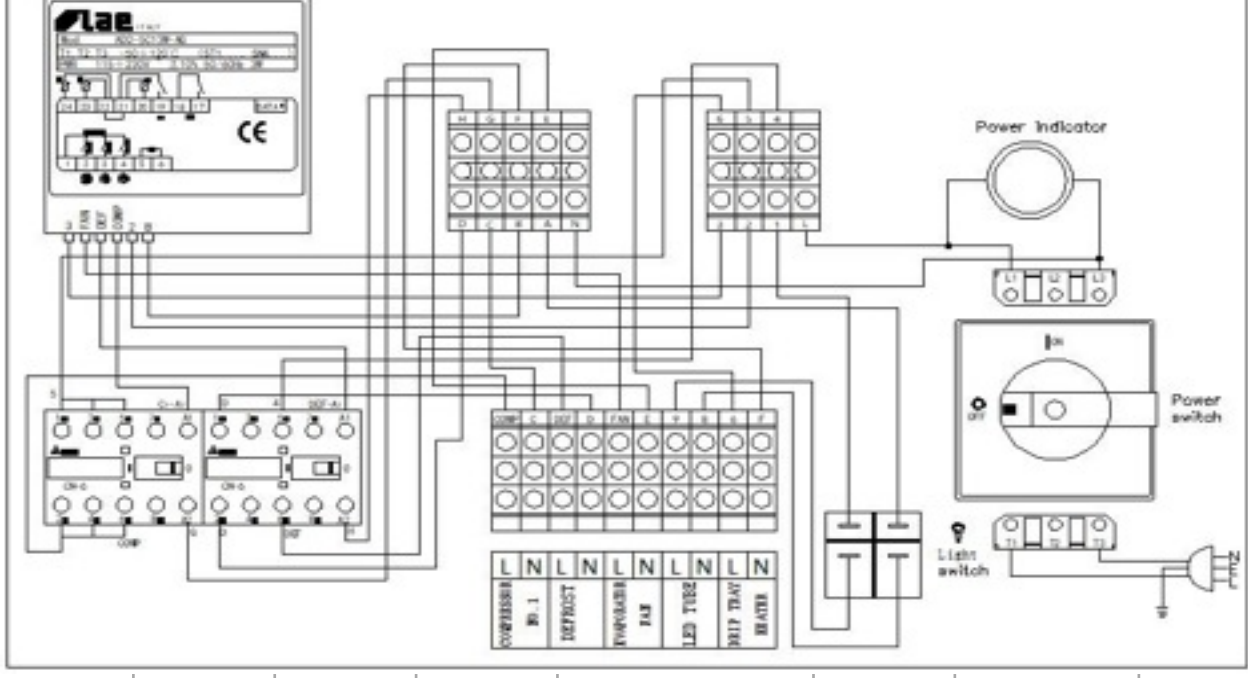
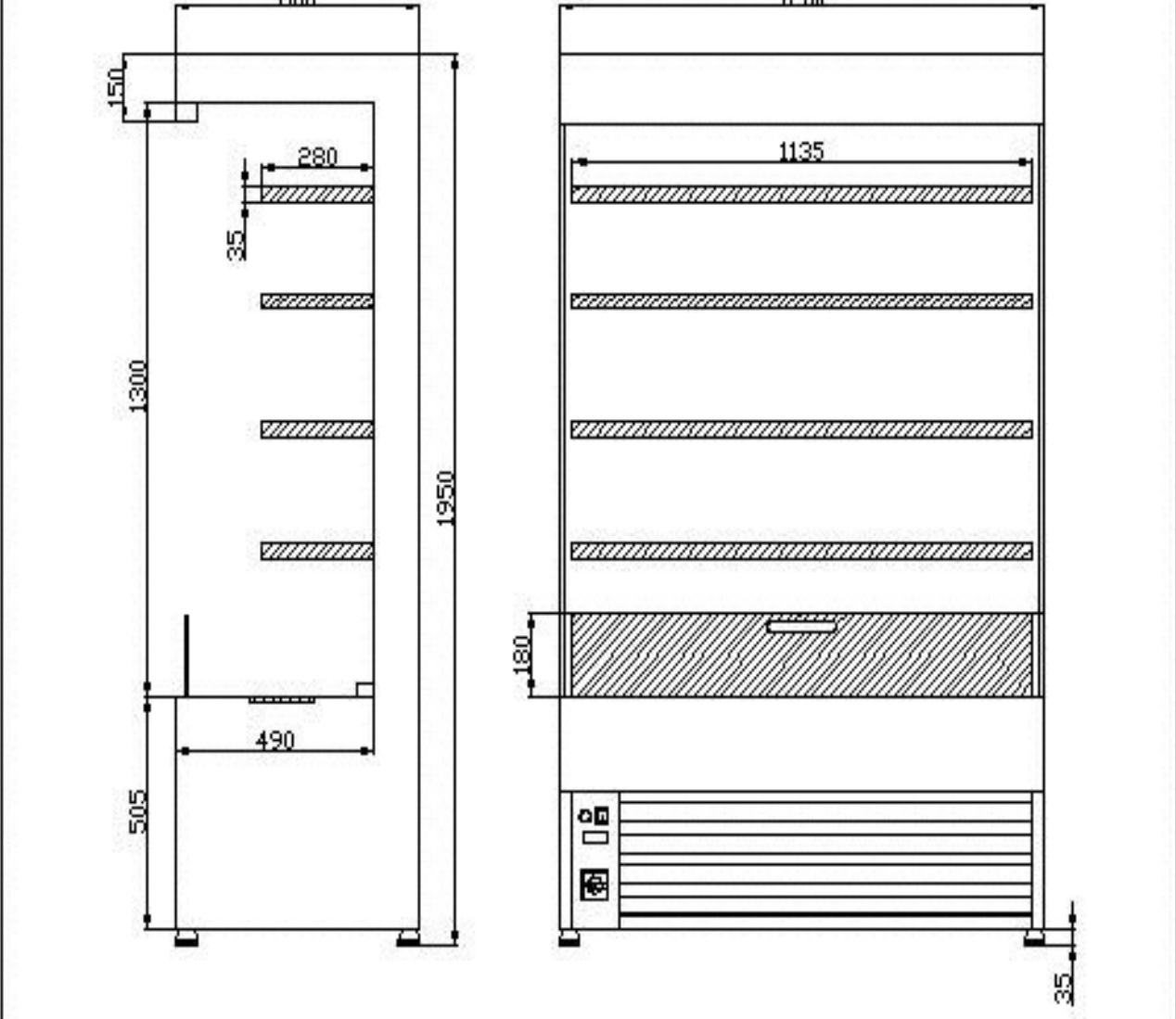


Refrigerated Display Cabinet Test Report						
Test Laboratory Name/Address						
Laboratory of FROST TECH(Guangzhou) Refrigeration Facilities CO.,LTD.						
Xiaowu Industrial Zone Dongchong Town,Nansha District,Guangzhou,						
Guangdong Province,P.R.China.						
Manufacturing Name/Address						
FROST TECH(Guangzhou) Refrigeration Facilities CO.,LTD.						
Xiaowu Industrial Zone Dongchong Town,Nansha District,Guangzhou,						
Guangdong Province,P.R.China.						
Brand Name		FROST TECH				
Product		Refrigerated display cabinet				
Description		The product covered by this report is a commercial used,cord connected refrigerated display cabinet.				
Model(s)		ECO MD60/120				
Voltage/Frequency		220-240V,50Hz				
Rating current		7.5A				
Drip tray Rating current		3A				
Teststandard(s)orcriteria(s)		(EU)2019/2018				
		(EU)2019/2024				
		ENISO23953-2:2015				
Conclusion		The results are incompliance with there requirements of the EC regulation 2019/2024.				
		Energy efficiency class: E				
Prepared by:He Jianjin						
Photo 1 - Front view:						
						
Name plate:						
COMMERCIAL DISPLAY CABINET						
Model		ECO MD60/120				
Voltage/Frequency		220-240/50Hz				
Rating current		10.5A				
Refrigerant		R452A / R404A (R290 Available)				
Compressor		Tecumseh CAJ4517Z				
Controller		LAE AD2-5C				
Vesicant		CO2				
Name:FROST TECH						
Address:Xiaowu Industrial Zone Dongchong Town,Nansha District,Guangzhou,Guangdong Province,P.R.China.						
						
Product details:						
Cabinet family code		VC2				
Cabinet type		Integral				
Model number of Unit Under Tested		ECO MD60/120				
Brand name		FROST TECH				
Operating temperature(s)		Chilled				
Category		Vertical and combined supermarket refrigerator cabinets				
Energy efficiency class		E				
Climate class		3				
M Package TemperatureClass		M2				
Doors		N/A				
Shelves		4 shelves				
Light		LED TUBE T8				
Refrigerant		R452A / R404A (R290 Available)				
Charge of refrigerant(g)		1050g				
Over all dimensions(W*D*H)[mm]		600*1200*1950				
Performance parameter:						
Highest temperature of the warmest M-package of the compartment(s) with chilled operating temperatures (°C)		+7				
Lowest temperature of the coldest M-package of the compartment(s) with chilled operating temperatures, or the highest minimum temperature of all M-packages of the compartment(s) with chilled operating temperatures (°C)		-1				
Critical Components:						
Name	Manufacturer/trademark	Type/model	Technical data			
Compressor	TECUMSEH	CAJ4517Z	220-240V,50Hz			
Controller	LAE	AD2-5C	220-240V,50Hz			
Test Condition:						
Dry Bulb		25±1°C				
Relativehumidity		60±3%				
Input Voltage		230V				
InputFrequency		50Hz				
Temperature and total display area Tests:						
Temperature Class	Symbol	TemperatureTest(°C)			Total display	
		Temperature	Limit	Verdict	area test(m	
M2	θah	6.8	≤7	Pass	2.3	
	θb	1.2	≥-1	Pass		
Calculation for EEI and conclusion:						
Total display area TDA(m		2.3				
M		9.1				
N		9.100				
P		1.1				
Y		2.3				
C		1				
Calculation formula		SAE:365*P*(M+N*Y)*C				
Standard annual engery consumption SAE(Kwh/24h)		12057				
Daily energy consumption Edaily (kWh/24h)		21.43				
Annual energy consumption AE(kWh/a)		7824				
Energy Efficiency Index EEI		64.8				
Energy efficiency class		E				
From 1 March 2021 :EEI<100,lce-cream freezers:EEI<80		Pass				
From 1 September 2021 :EEI<100,ice cream freezers:EEI<80						
						
Type	Length	Depth	Height	Nom.voltage/frequency	Electrical fusing	Temperature range
ECO MD60/120	1200 mm	600 mm	1950 mm	230 V/50 Hz	13A, slow	0 ... +7 °C

[illegible]

[illegible]