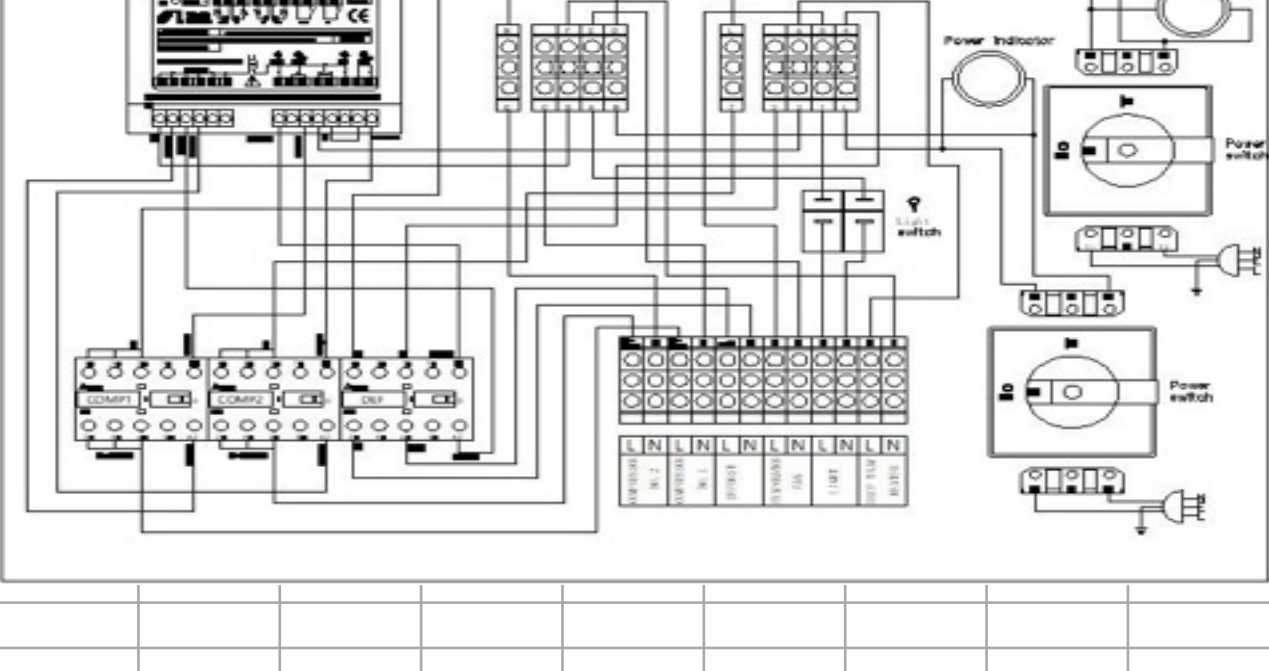
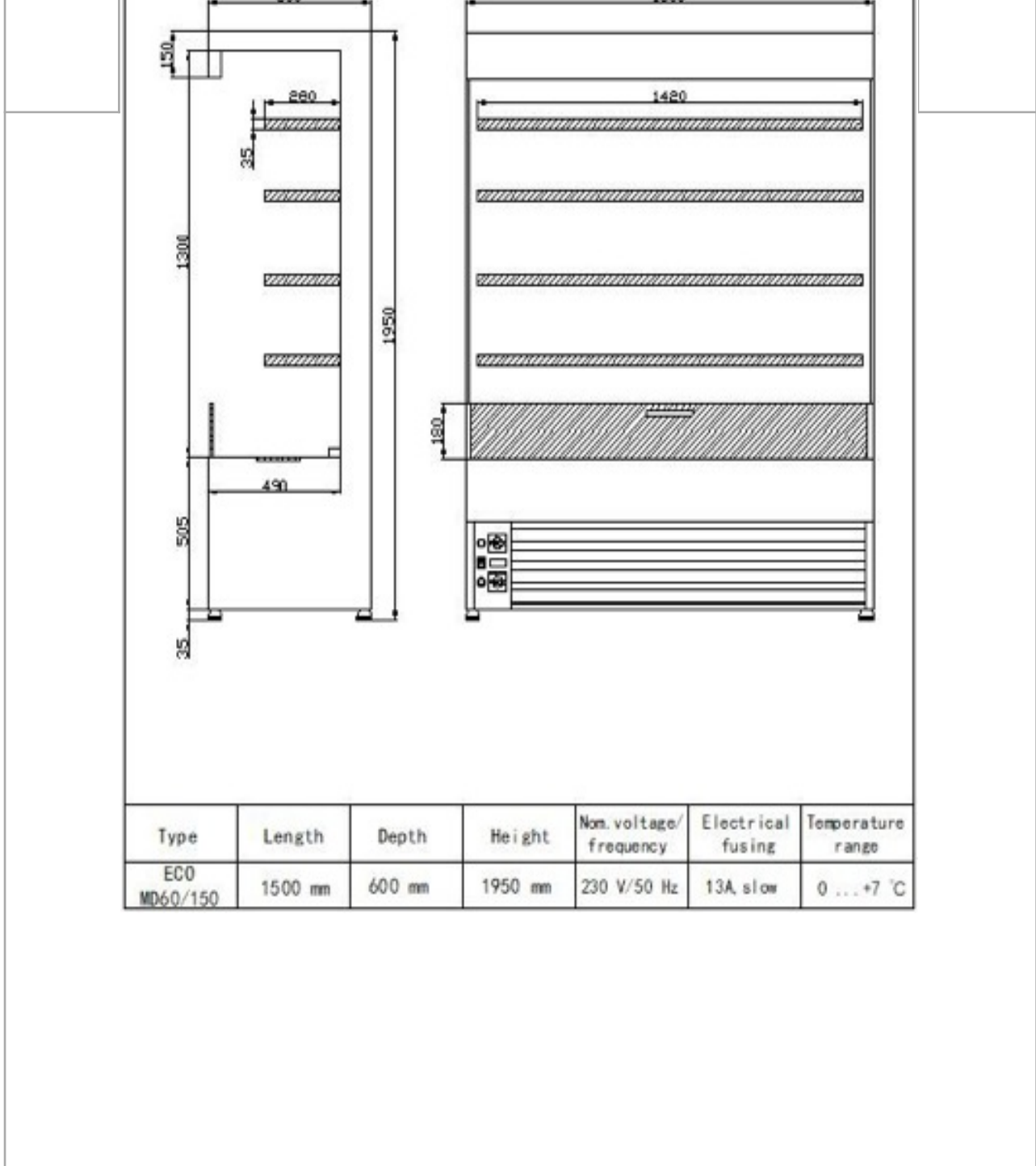


Refrigerated Display Cabinet Test Report							
Test Laboratory Name/Address							
Laboratory of FROST TECH(Guangzhou) Refrigeration Facilities CO.,LTD.							
Xiaowu Industrial Zone Dongchong Town,Nansha District,Guangzhou,							
Guangdong Province,P.R.China.							
Manufacturing Name/Address							
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 MD60/150					
Voltage/Frequency		220-240V,50Hz					
Rating current		11.18A					
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 MD60/150					
Voltage/Frequency		220-240/50Hz					
Rating current		14.18A					
Refrigerant		R452A / R404A (R290 Available)					
Compressor		Tecumseh CAJ9510Z					
Controller		LAE LF28DE					
Vesicant		CO2					
Name:FROST TECH							
Address:Xiaowu Industrial Zone Dongchong Town,Nansha							
							
Product details:							
Cabinet family code		VC2					
Cabinet type		Integral					
Model number of Unit Under Tested		ECO MD60/150					
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)		950g					
Over all dimensions(W*D*H)[mm]		600*1500*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	CAJ9510Z	220-240V,50Hz				
Controller	LAE	LF28DE	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	6.4	≤7	Pass	2.7		
	θb	0.5	≥-1	Pass			
Calculation for EEI and conclusion:							
Total display area TDA(m		2.7					
M		9.1					
N		9.100					
P		1.1					
Y		2.7					
C		1					
Calculation formula		SAE:365*P*(M+N*Y)*C					
Standard annual engery consumption SAE(Kwh/24h)		13518.5					
Daily energy consumption Edaily (kWh/24h)		24					
Annual energy consumption AE(kWh/a)		8761					
Energy Efficiency Index EEI		64.8					
Energy efficiency class		E					
From 1 March 2021:EEI<100,Ice-cream freezers:EEI<80		Pass					
From 1 September 2023:EEI<80,Ice-cream freezers:EEI<50		Pass					



[illegible]

[illegible]