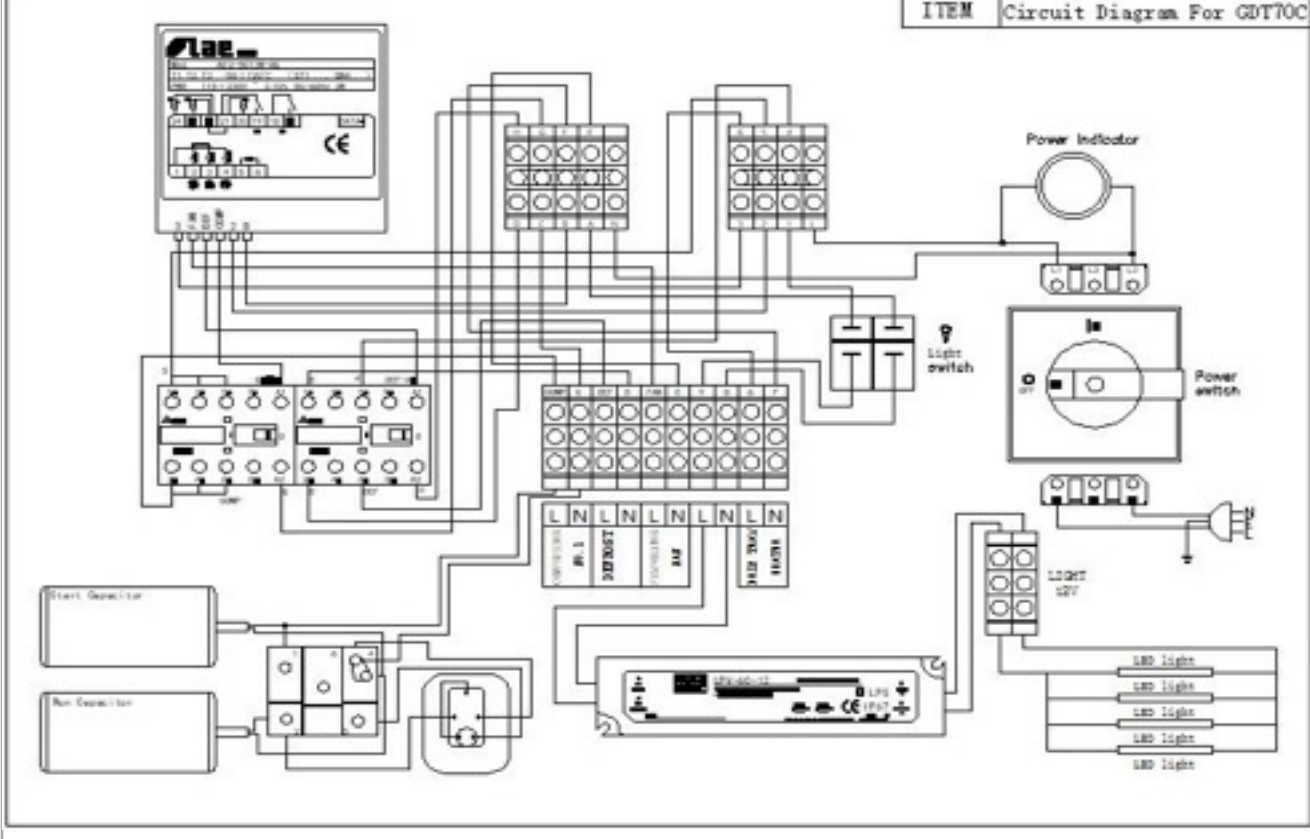
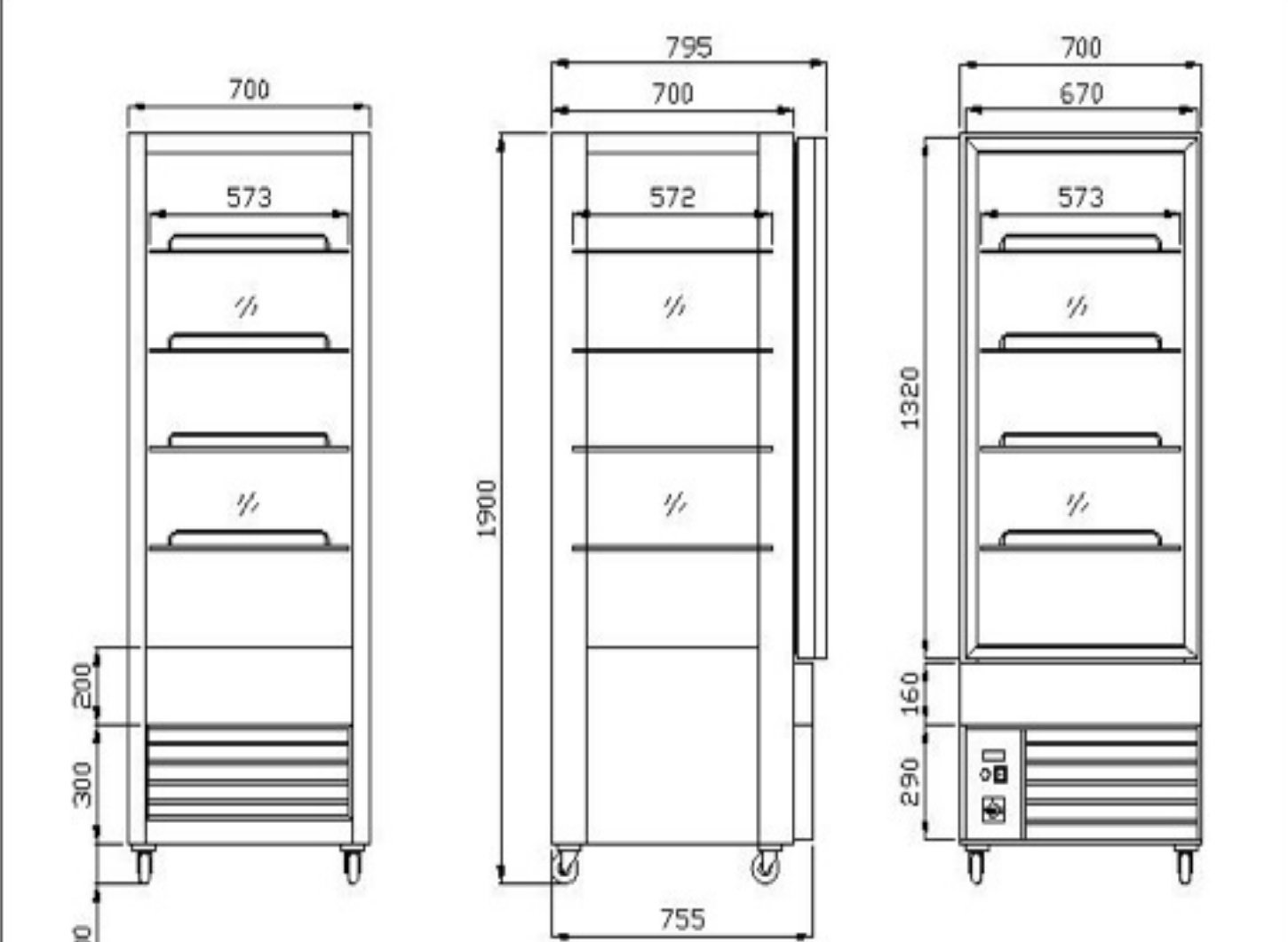


Refrigerated UPRIGHT Display Cabinet Test Report						
Test Laboratory Name/Address						
Laboratory of FROST TECH(Guangzhou) Refrigeration Facilities CO.,LTD.						
Xiaowu Industrial Zone Dongchong Town,Nansha District,Guangzhou,						
Guangdong Province,P.R.China.						
Manufacturing Name/Address						
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 upright display cabinet				
Description		The product covered by this report is a commercial used,cord connected refrigerated upright display cabinet.				
Model(s)		GDT70C				
Voltage/Frequency		220-240V,50Hz				
Rating current						
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: C				
Prepared by:He Jianjin						
Photo 1 - Front view:						
						
Name plate:						
COMMERCIAL DISPLAY CABINET						
Model		GDT70C				
Voltage/Frequency		220-240/50Hz				
Rating current		2.9A				
Refrigerant		R452A - R448A - R404A (R290 Available)				
Compressor		Tecumseh CAJ9510Z				
Controller		LAE AD2-5C				
Vesicant		Cyclopentane				
Name:FROST TECH						
Address: Xiaowu Industrial Zone Dongchong Town, Nansha, District,Guangzhou,Guangdong Province,						
Photo 2 - Circuit diagram:						
						
Product details:						
Cabinet family code		VC4				
Cabinet type		Integral				
Model number of Unit Under Tested		GDT70C				
Brand name		FROST TECH				
Operating temperature(s)		Chilled				
Category		Vertical and combined supermarket refrigerator cabinets				
Energy efficiency class		D				
Climate class		3				
M PackageTemperatureClass		M2				
Doors		2 Self-closing sliding glass doors				
Shelves		5 adjustable shelves				
Light		LED vertical light tube T8 16W				
Refrigerant		R452A - R448A - R404A (R290 Available)				
Charge of refrigerant(g)		350g				
Over all dimensions(W*D*H)[mm]		700*700*1900				
Performance parameter:						
Highest temperature of the warmest M-package of the compartment(s) with chilled operating temperatures (°C)						
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°C				
Critical Components:						
Name	Manufacturer/trademark	Type/model	Technical data			
Compressor	Tecumseh	CAJ9510Z	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 area test(m	
		Temperature	Limit	Verdict		
M2	θah	6.5	≤7	Pass	2.3	
	θb	1	≥-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)		10.66				
Annual energy consumption AE(kWh/a)		3893				
Energy Efficiency Index EEI		32				
Energy efficiency class		C				
From 1 March 2021:EEI<100,lce-cream freezers:EEI<80		Pass				
From 1 September 2023:EEI<80,lce-cream freezers:EEI<50		Pass				
						
Type	Length	Depth	Height	Nom. voltage/ frequency	Electricalfusing	Temperature range
GDT70C	700 mm	700 mm	1900 mm	230 V/50 Hz	13A,slow	0 ... +7 °C

[illegible]

[illegible]