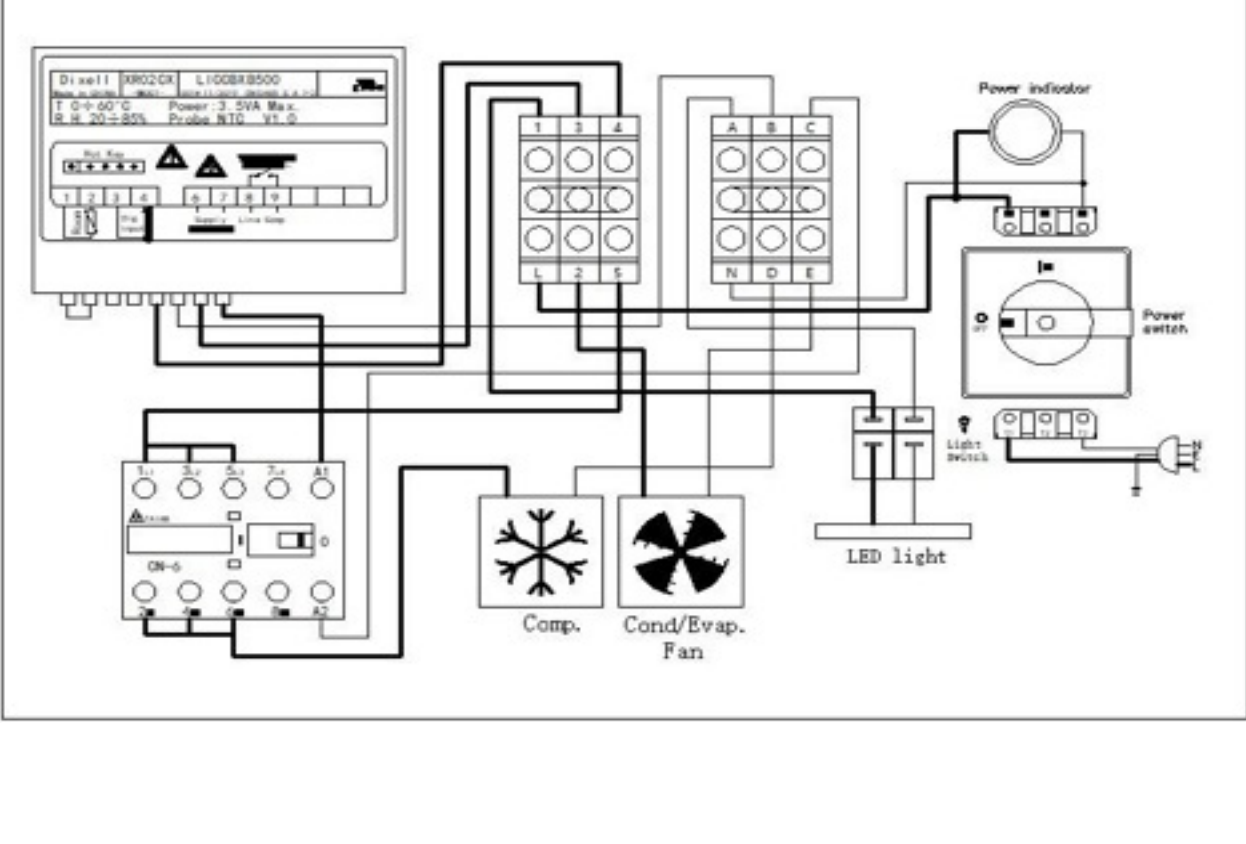
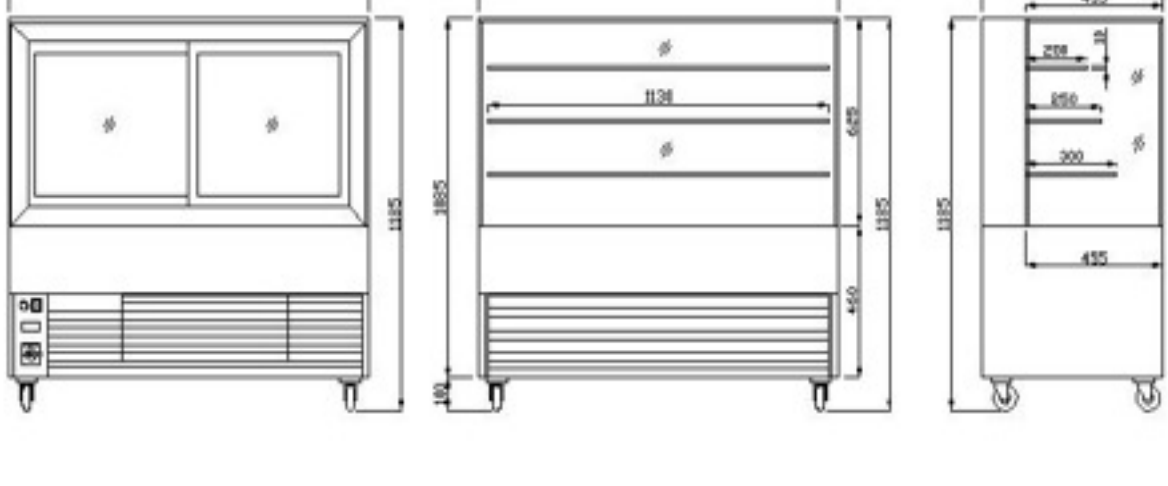


Refrigerated Display Cabinet Test Report						
Test Laboratory Name/Address						
Laboratory of FROST TECH(Guangzhou) Refrigeration Facilities CO.,LTD.						
Xiaowu Industrial Zone Dongchong Town,Nansha District,Guangzhou,						
Guangdong Province,P.R.China.						
Manufacturing Name/Address						
FROST 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 P60/120				
Voltage/Frequency		220-240V,50Hz				
Rating current		3.5A				
Drip tray Rating current		n/a				
Teststandard(s)orcriteria(s)		(EU)2019/2018				
		(EU)2019/2024				
		ENISO23953-2:2015				
Conclusion		The results are in compliance with the 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		ECO P60/120				
Voltage/Frequency		220-240/50Hz				
Rating current		3.5A				
Refrigerant		R404A-R452A (R290 Available)				
Compressor		Tecumseh AE4470Z				
Controller		DIXEL XR02CX				
Vesicant		CO2				
Name:FROST TECH						
Address:Xiaowu Industrial Zone Dongchong Town,Nansha District,Guangzhou,P.R.China						
						
Product details:						
Cabinet family code		VC2				
Cabinet type		Integral				
Model number of Unit Under Tested		ECO P60/120				
Brand name		FROST TECH				
Operating temperature(s)		Chilled				
Category		Vertical and combined supermarket refrigerator cabinets				
Energy efficiency class		C				
Climate class		3				
M Package TemperatureClass		M2				
Doors		Rear Sliding Doors.				
Shelves		3 Toughened glass shelves				
Light		LED tube				
Refrigerant		R404A-R452A (R290 Available)				
Charge of refrigerant(g)		350				
Over all dimensions(W*D*H)[mm]		1200*600*1185				
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	AE4470Z	220-240V,50Hz			
Controller	DIXEL	XR02CX	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	5.9	≤7	Pass	1.48	
	θb	1.2	≥-1	Pass		
Calculation for EEI and conclusion:						
Total display area TDA(m		1.48				
M		9.1				
N		9.100				
P		1.1				
Y		1.48				
C		1				
Calculation formula		SAE:365*P*(M+N*Y)*C				
Standard annual engery consumption SAE(Kwh/24h)		9061				
Daily energy consumption Edaily (kWh/24h)		8.5				
Annual energy consumption AE(kWh/a)		3102.5				
Energy Efficiency Index EEI		34.2				
Energy efficiency class		C				
From 1 March 2021:EEI<100,Ice-cream freezers:EEI<80		Pass				
From 1 September 2023:EEI<80,Ice-cream freezers:EEI<50		Pass				
						
Type	Length	Depth	Height	Nom. voltage/ frequency	Electrical fusing	Temperature range
ECO P60/120	1200 mm	600 mm	1185 mm	230 V/50 Hz	13A, slow	0 ... +7 °C

[illegible]

[illegible]