



ENERGY

FROST TECH

ECO-SUC60

A+++

A++

A+

A

B

C

D

E

F

G

A

200
kWh/annum



125 L



-L



4
30°C-55%

2015/1094-IV

Refrigerated Under Counter Storage 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 under counter storage
cabinet

Description

The product covered by this report is a
commercial used,cord connected
refrigerated storage cabinet.

Model(s)

ECO-SUC60

Voltage/Frequency

220-240V,50Hz

Rating current

1.6A

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: A

Prepared by:He Jianjin

Photo 1 - Front view:



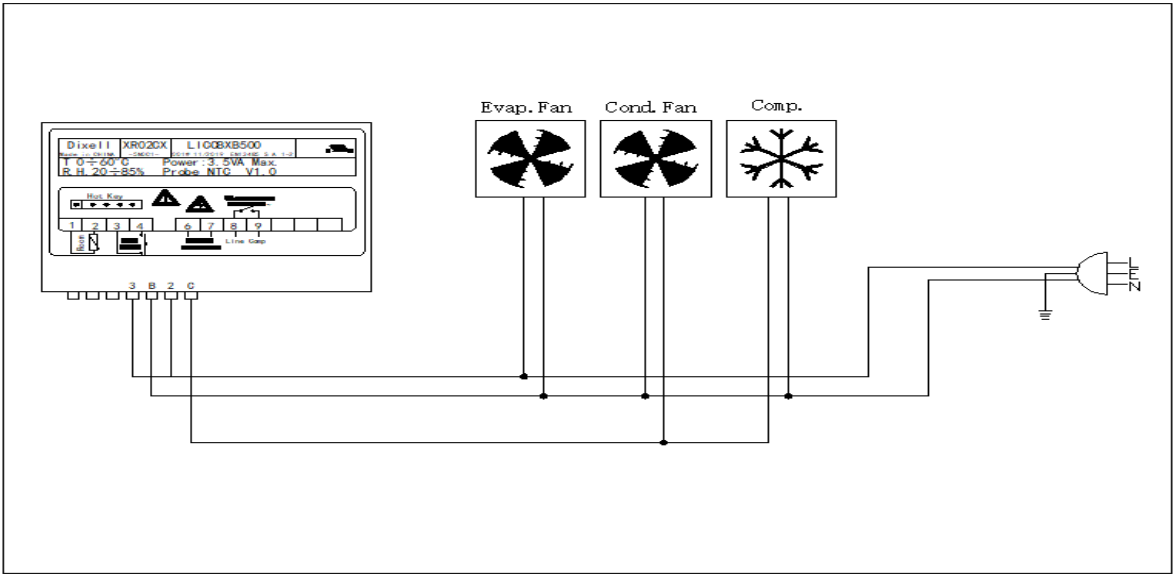
Name plate:

COMMERCIAL STORAGE CABINET	
Model	ECO-SUC60
Voltage/Frequency	220-240/50Hz
Rating current	1.6A
Refrigerant	R134A/100g
Compressor	Tecumseh AE4425Y
Controller	DIXEL XR02CX
Vesicant	Cyclopentane

Name:FROST TECH

Address:Xiaowu Industrial Zone Dongchong Town,Nansha District,Guangzhou,Guangdong Province,P.R.China.

Photo 2 - Circuit diagram:



Product details:

Cabinet family code	SRV-ND
Cabinet type	Integral
Model number of Unit Under Tested	ECO-SUC60
Brand name	FROST TECH
Operating temperature(s)	Chilled
Category	Vertical and combined storage refrigerated cabinets
Energy efficiency class	A
Climate class	4
M PackageTemperatureClass	M2
Doors	1 Self-closing hinged door
Shelves	1 adjustable shelves
Light	N/A
Refrigerant	R134A
Charge of refrigerant(g)	100g
Over all dimensions(W*D*H)[mm]	600*650*890

Performance parameter:

Highest temperature of the warmest M-package of the compartment(s) with chilled operating temperatures	+7°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	-1°C

Critical Components:

Name	Manufacturer/trademark	Type/model	Technical data
Compressor	TECUMSEH	AE4425Y	220-240V,50Hz
Controller	DIXEL	XR02CX	220-240V,50Hz

Test Condition:

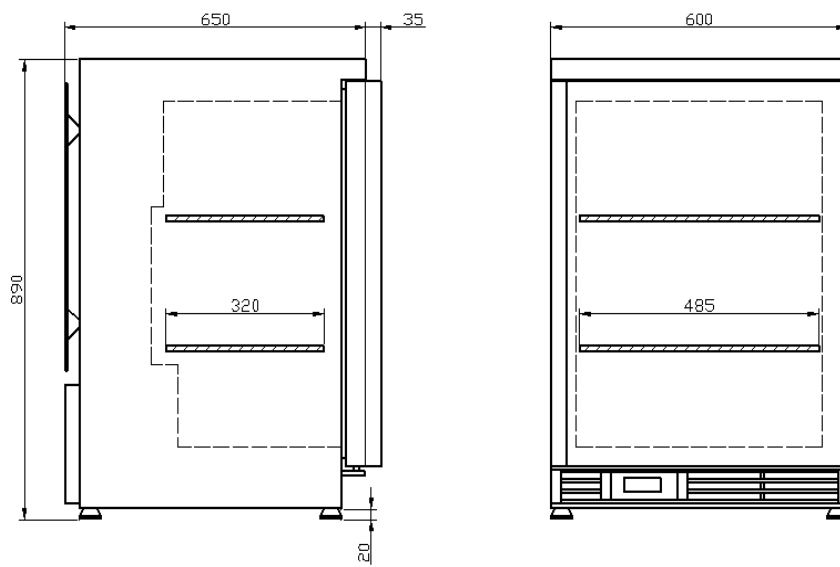
Dry Bulb	30±1°C
Relativehumidity	55±3%
Input Voltage	230V
InputFrequency	50Hz

Temperature and total display area Tests:

Temperature Class	Symbol	TemperatureTest(°C)			Total VOLUME
		Temperature	Limit	Verdict	LITERS
M2	θah	5	≤7	Pass	125
	θb	2	≥-1	Pass	

Calculation for EEI and conclusion:

Total VOLUME/LITERS	125
M	1.643
N	609
Vn	125
Calculation formula	SAE:(M*Vn)+N
Standard annual engery consumption SAEC(KWh/a)	814.375
Daily energy consumption Edaily (kWh/24h)	0.55
Annual energy consumption AEC(kWh/a)	200
Energy Efficiency Index EEI=AEC/SAEC*100	24.6
Energy efficiency class	A
	Pass



Type	Length	Depth	Height	Nom. voltage/ frequency	Electrical fusing	Temperature range
ECO-SUC60	600 mm	610 mm	890 mm	230 V/50 Hz	13A, slow	0 ... +7 °C