

Test Report

Test Item : ERP Test						
Test Standard : (EU) No 2019/2016,(EU) No 2021/340 (EU) No 2019/2019,(EU) No 2021/341 EN 62552-1:2020,EN 62552-2:2020,EN 62552-3:2020						
Testing Laboratory : 4-station type test room of R & D department						
Test By: 黎美晴		Approved By: 陈景锐		Date : 2025.8.6		
Sample Name	Refrigerator		Sample Model	C40		
Rated volume(L)	38		Appliance dimensions	427(Height)mm x650(Width)mm x375(Depth) mm		
Ratings	AC100-240V, 50-60Hz DC12V/24V		Design type	Free standing		
Condenser type	-		Condenser Location	-		
Climate classes	N,ST,T (16-43°C)		Defrost type	Manual defrost		
Low-noise appliance	No	Wine storage appliance	No	Other refrigerating appliance	Yes	
Noise(dB(A)re 1 pW)	45	Noise class	D	Winter setting	No	
Compartment type	Target temperature	r _c	N _c	Mc	Ac	Bc
Pantry	17°C	0.35	75	0.12	1.0	1.0
Combi parameter	Door heat loss factor	Load factor	Anti-condensation heater type	Temperature rise time (h)	Auxiliary energy (kWh/a)	
1.0	1.0	1.0	None	--	0	
EEl (%)	AE (kWh/a)	SAE(kWh/a)	Energy efficiency class			
49.64%	37.96	76.6	B			
Test Result:						
Characteristic		Declaration	Measured values	Deviation	Result	
Energy efficiency class		B	B (EEI=44%)	-	P	
AE(Annual Energy consumption) (kWh/a)		37.96	34	-10.4%	P	
E16(Energy consumption at 16°C) (kWh/24h)		0.034	0.022	-35.3%	P	
E32(Energy consumption at 32°C) (kWh/24h)		0.174	0.164	-5.7%	P	
Total volume (L)		38	38	0%	P	
Compartment volume (Pantry) (L)		38	38	0%	P	
Storage test		The product complies the requirement.				P