

Test Report

Test Item	ERP Test
Test Standard.....	EN 62552-1:2020 + EN 62552-2:2020 + EN 62552-3:2020 COMMISSION REGULATION (EU) 2019/2019 COMMISSION DELEGATED REGULATION (EU) 2019/2016
Testing Laboratory	4-station type test room of R & D department

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Date : 2023.10.31

Sample Name	Refrigerator		Sample Model	CL30		
Rated volume(L)	28		Appliance dimensions	372(Height)mm x608(Width)mm x 365(Depth) mm		
Ratings	AC100-240V, 50-60Hz DC12V/24V		Design type	Freestanding		
Condenser type	Fan forced		Condenser Location	Underneath		
Climate classes	N,ST,T (16-43℃)		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	M_c	A_c	B_c
Pantry	17℃	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	
EEI (%)	AE (kWh/a)	SAE(kWh/a)	Energy efficiency class			
43	33	76.18	B			

Test Result:

Characteristic	Declaration	Measured values	Deviation	Result
Energy efficiency class	B	B (EEI=41.28%)	-	P
AE(Annual Energy consumption) (kWh/a)	33	32.12	-2.7%	P
E16(Energy consumption at 16℃) (kWh/24h)	0.022	0.021	-4.5%	P
E32(Energy consumption at 32℃) (kWh/24h)	0.158	0.154	-2.5%	P
Total volume (L)	28	28.6	2.1%	P
Compartment volume (Pantry) (L)	28	28.6	2.1%	P
Storage test	The product complies the requirement.			P