

Appendix 1:

Refrigerator power consumption standard

Type	Energy factor value standard (liter/kWh/month)
Smaller than 400 liter fan-type chilling-refrigeration refrigerator	$E.F.=V/(0.037V+24.3)$
Bigger than 400 liter fan-type chilling-refrigeration refrigerator	$E.F.=V/(0.031V+21.0)$
Smaller than 400 liter direct chilling-refrigeration refrigerator	$E.F.=V/(0.033V+19.7)$
Bigger than 400 liter direct chilling-refrigeration refrigerator	$E.F.=V/(0.029V+17.0)$
Chilling refrigerator	$E.F.=V/(0.033V+15.8)$

Note:

1. See CNS 2062 for definition of chilling-refrigeration and chilling-only refrigerator
2. Volume in this table is calculated by equivalent internal volume.
3. The equivalent internal volume V (liter) = $V_R + K \times V_F$
 V_R (liter): effective chilling room internal volume; V_F (liter): effective refrigeration room internal volume
 K value: effective refrigeration room internal volume conversion coefficients: 1.56 for 2-star grade, 1.67 for super 2-star grade, 1.78 for 3- and 4-star grade.
4. Round equivalent internal volume and EF value to the nearest tenth.
5. The actual energy factor ratings shall be greater than standard value given earlier and 95% of product rated value.

Appendix 2

Energy efficiency grade labeling management system account and
password application form

Prepared on (ROC year):

By (company): _____

By (individual): _____ Tel.: _____ Fax: _____

E-MAIL: _____

Application product type: _____

Account ID: _____

Password: _____

This company is applying for required system login and use right and taking
reliability of information provided with the system.

Stamp (company and owner chop):

Appendix 3

Application number:

Refrigerator energy efficiency grade labeling login application form

Prepared on (ROC year):

1. Basic supplier data

Company name: _____

Company address: _____

Owner: _____ Tax ID: _____

Contact: _____ Department: _____ Title: _____

Tel.: _____ Mobile: _____ Fax: _____

E-MAIL: _____

2. Manufacturer name and address

Same as the application supplier

Manufacturer name: _____

Manufacturer address: _____

3. Energy efficiency grade labeling contents

Product model	
Effective internal volume (liter)	
Energy factor value (liter/kWh/month)	
Energy efficiency grade	
Annual power consumption (kWh) Formula for annual power consumption (kWh): rated power consumption (kWh/month) x 12 months, round annual power consumption to the ones	
Publication year and document code of subject refrigerator energy efficiency standard	

Note: Make more copies to fill in required product data

4. Key components of product

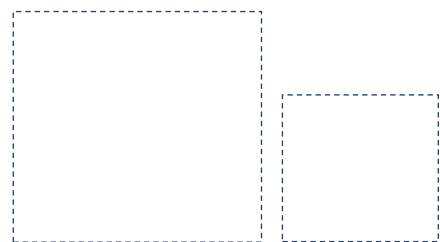
Product model	Compressor model	Compressor manufacturer name

Note: Make more copies to fill in required product data

5. Application statement and affidavit

This company hereby claims to the central competent authority that information contained in the account application form are all true and shall take responsibility of any typo and legal requirements. This company hereby claims products available on the markets shall have the same energy efficiency grade labeling information as given in this application documents. In case of any error and falseness this company shall be subjected to penalties of registration revocation and relevant energy management regulations.

Official stamps by the applicant:



(Company and owner chops)

6. Registration agent authorization (not needed for login application by the supplier itself)

For login application operation taken by agent the mandatory shall be agreed by the application supplier.

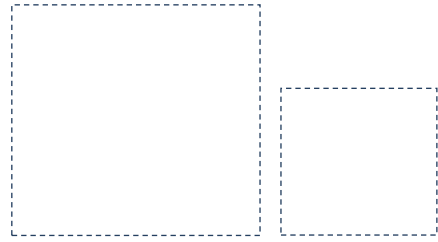
Mandatory company name:

Owner:

Address:

Tax ID:

Tel.:



(Mandatory company and owner chop)

Appendix 4

Energy efficiency compliance type statement

This applicant claims the product of energy efficiency grade registration is made with the same test model referenced in the energy efficiency test report (including product structure, material, components, and energy efficiency).

Product data:

1. Name: Refrigerator

2. Reference information of registration application model:

Test report ID	Test model given in test report	Product model subject to this energy efficiency grade registration application

Note: Make more copies to fill in required registration data

In case of any breach against guarantees made in this statement, the applicant shall take all relevant legal responsibilities and subject to penalties regulations set forth in energy management acts.

Attention to

Bureau of Energy, MOEA

Applicant: _____ (Company chop)

Owner: _____ (Owner chop)

Prepared on (ROC year):

Appendix 5

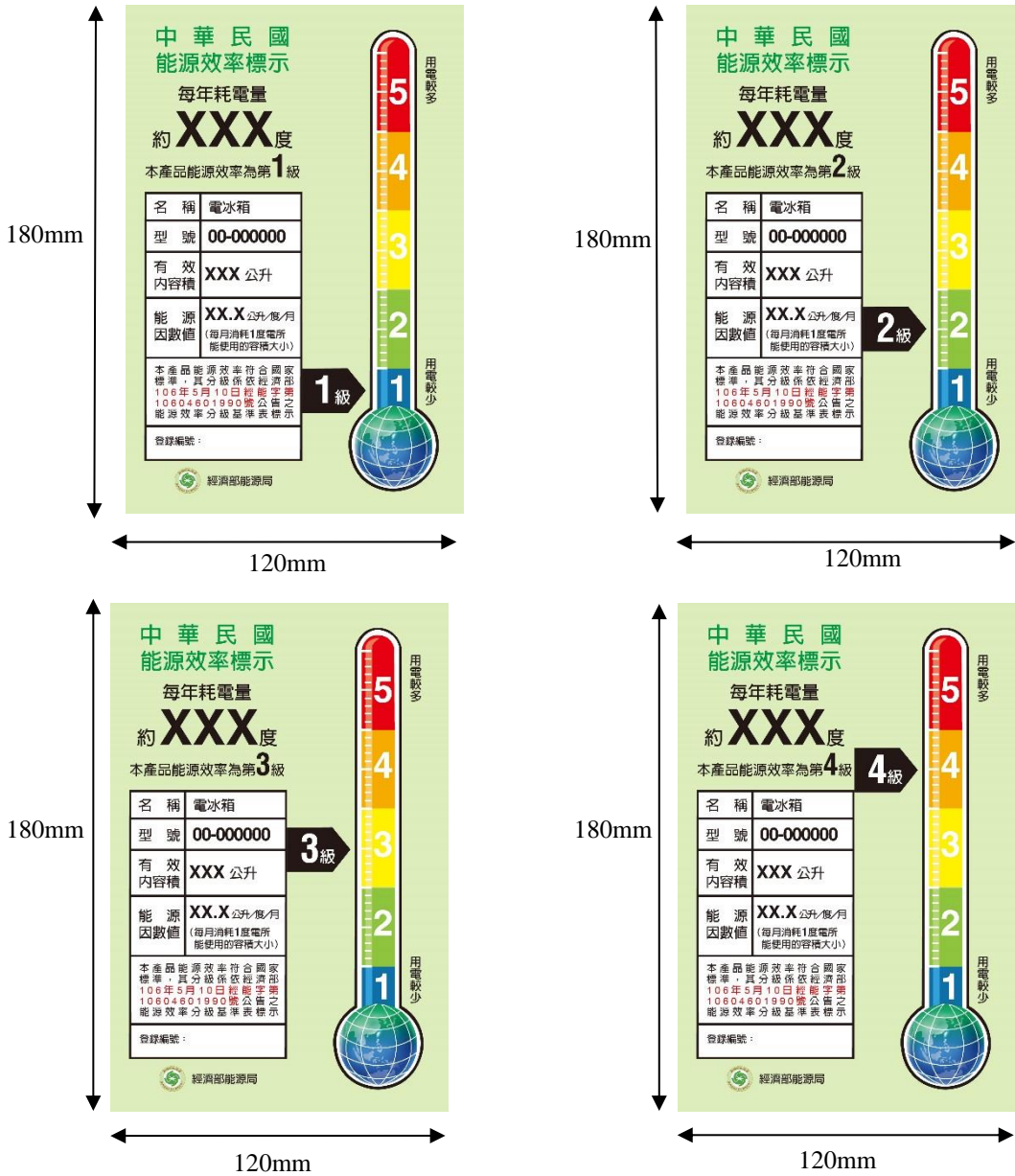
Refrigerator energy efficiency grade standard

Type	Power consumption standard (liter/kWh/month))	Grade 5	Grade 4	Grade 3	Grade 2	Grade 1
Smaller than 400 liter (equivalent internal volume) fan-type chilling- refrigeration refrigerator	$E.F.=V/(0.037V+24.3)$					Greater than 160% power consumption standard
Bigger than 400 liter (equivalent internal volume) fan-type chilling- refrigeration refrigerator	$E.F.=V/(0.031V+21.0)$					
Smaller than 400 liter (equivalent internal volume) direct chilling-refrigeration refrigerator	$E.F.=V/(0.033V+19.7)$					
Bigger than 400 liter (equivalent internal volume) direct chilling-refrigeration refrigerator	$E.F.=V/(0.029V+17.0)$					

Chilling refrigerator	E.F.=V/(0.033V+15.8)	Between 100%~118% power consumption standard	Between 118%~136% power consumption standard	Between 136%~154% power consumption standard	Between 154%~172% power consumption standard	Greater than 172% power consumption standard
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Figure 1

Energy efficiency grade labeling diagram (attached in product manual or to any visible position at front of product):



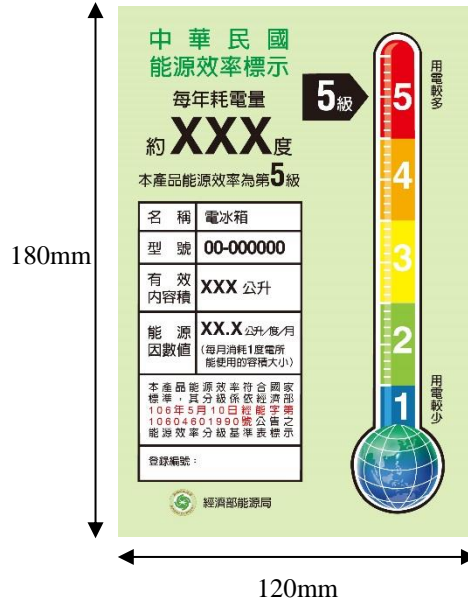


Figure 2

Energy efficiency grade labeling diagram (attached to product catalogue):

能源效率
第 1 級

能源效率
第 2 級

能源效率
第 3 級

能源效率
第 4 級

能源效率
第 5 級

Note: Color and font of the diagram in figure 2 may be changed and proportionally enlarged as required at size at least 7mm×10mm