Test Report issued under the responsibility of:

TEST REPORT
AS/NZS 4474.2
Australian/New Zealand Standard Performance of household electrical appliances—
Refrigerating appliances
Part 2: Energy labelling and minimum Energy performance standard requirements

Report Reference No. ..... :

Date of issue ..... :

Total number of pages .....

Testing Laboratory ..... :

Address ..... :

Compiled by (name+ function + signature) .....:

Approved by (name + function + signature) .....:

Applicant's name ..... :

Address ..... :

Test specification:

Standard ..... :

Test procedure ..... :

Non-standard test method……..:

Test Report Form No. ..... :

Report Form(s) Originator..... :

Master TRF ..... :

Test item description..... :

Trade Mark ..... :

Manufacturer ..... :

Address ..... :

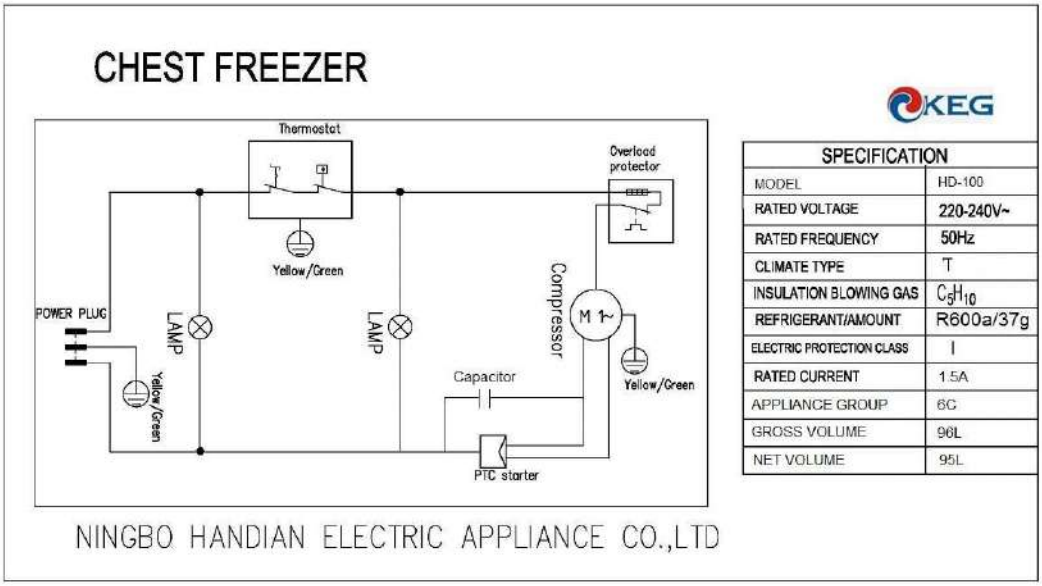
China Model/Type reference ..... :

Ratings ..... :

Summary of testing:

Tests performed (name of test and test clause):	**Testing location:**
Tests according to the following standards were carried out:	

Marking plate:



SPECIFICATION	
MODEL	HD-100
RATED VOLTAGE	220-240V~
RATED FREQUENCY	50Hz
CLIMATE TYPE	T
INSULATION BLOWING GAS	C_5H_{10}
REFRIGERANT/AMOUNT	R600a/37g
ELECTRIC PROTECTION CLASS	I
RATED CURRENT	1.5A
APPLIANCE GROUP	6C
GROSS VOLUME	96L
NET VOLUME	95L

Test item particulars..... :

Brand ..... :

Model ..... :

Group ..... :

Configuration ..... :

Rated total gross volume (L) ..... :

Rated total storage volume(L) ..... :

Appliance designation..... : ☐Refrigerator, ☐Refrigerator/Freezer, ☐Freezer, ☐Cooled appliance

Rated storage shelf area ..... :

Rated voltage/range: a.c Rated frequency/range: Hz

Country of manufacture ..... :

Does the unit have an automatic icemaker ..... :

Does the unit have a through the door: ice dispenser or water dispenser ..... :

Does the unit have adaptive defrost ..... :

Condenser type ..... :

Condenser location(s) ..... :

Indicate(tick) which of the following parameters can affect the adaptive time between defrosts:

☐door openings and duration
☐ defrost heater on time
☐ time since defrost
☐ compressor run time
☐ other(specify)

Possible test case verdicts:

- test case does not apply to the test object ..... :

- test object does meet the requirement ..... :

- test object does not meet the requirement ..... :

Testing..... :

Date of receipt of test item..... :

Date (s) of performance of tests ..... :

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.
"(see Enclosure #)" refers to additional information appended to the report.
"(see appended table)" refers to a table appended to the report.

Throughout this report a comma (point) is used as the decimal separator.

General product information:

Chest Freezer for household use only.

AS/NZS 4474.1			
Clause	Requirement + Test	Result - Remark	Verdict
3	PERFORMANCE REQUIREMENTS		
3.1	A refrigerating appliance should not contain a circumvention device.		
3.2	The measured storage shelf area for any unit under test shall be not less than the rated value of that unit, when determined in accordance with Clause 2.5.		
3.3	GROSS AND STORAGE VOLUMES		
	The relationships between the measured and rated gross and storage volumes of any unit under test, when determined in accordance with Clause 2.6, shall satisfy the following requirements:		
	(a) Gross volume or storage volume of a compartment—The rated value shall satisfy either of the following inequalities: (i) rated value $\leqslant$1.03 $\times$ measured value; and/or (ii) rated value $\leqslant$1 + measured value (in litres).	Freezer compartment: Measured gross volume: 94.1L Measured storage volume: 93.3L Rated gross volume: 96 L Rated storage volume: 95 L	
	(b) Total gross volume or total storage volume of an appliance—The rated value shall satisfy either of the following inequalities: (i) rated value $\leqslant$1.03 $\times$ measured value; and/or (ii) rated value $\leqslant$5 + measured value (in litres). NOTE: These are tolerances to verify rated values claimed by manufacturers. Determination of rated volumes values is specified in Paragraph A8.	Measured total gross volume: 94.1L Measured total storage volume: 93.3L Rated total gross volume: 96 L Rated total storage volume: 95 L	
3.4	Pull down		
	When tested in accordance with Clause 2.12, the average air temperature in all compartments shall be at or below the applicable values specified in Table 3.1 within 6 h. This requirement is to ensure that the appliance has adequate reserve refrigerating capacity		
3.5	AUTOMATIC ICE-MAKING CAPACITY		

AS/NZS 4474.1			
Clause	Requirement + Test	Result - Remark	Verdict
	Where an automatic ice-making capacity is claimed, the facility shall be capable of providing the stated mass of ice in 24 h when tested in accordance with Clause 2.14.		
3.6	OPERATING TEMPERATURE PERFORMANCE		
	When tested in accordance with Clause 2.15, there shall be at each test ambient (10° C, 32° C and 43 ° C) at least one setting of the controls at which all compartments and sub compartments are within the temperature limits shown in Tables 3.2, 3.3 and 3.4.		
	NOTE: It is not intended that refrigerating appliances comply with the applicable temperature performance requirements of Tables 3.2, 3.3 and 3.4 at every thermostat setting in every ambient temperature.		
3.6.1	Multi-use compartments		
3.6.2	Ice-making compartments		
3.6.3	Group 1 to 5 appliances with no fresh food space		
3.7	ENERGY TEST REQUIREMENTS		
3.7.1	Tested energy consumption (ET) The tested energy consumption of an appliance is determined from measurements taken when tested as specified in Clause 2.16 in an ambient temperature of 32° C and with compartment temperatures at or below the target temperatures specified in Table 3.5.		
	Where heaters are operational during normal use, they are to remain operational and managed by the same control regime during the energy test. Such heaters include, without limitation, those used to prevent internal or external moisture build-up, to keep gaskets pliable, to keep water reservoirs or lines from freezing, or deemed as necessary for the normal operation and reliability of the product.		

AS/NZS 4474.1			
Clause	Requirement + Test	Result - Remark	Verdict
3.7.2	Control settings for energy consumption test The appliance shall have at least one setting of the controls at which the average temperatures of all compartments are concurrently at or below the target temperatures for measurement of energy consumption that are specified in Table 3.5 where tested for energy in accordance with Clause 2.16. The data points used for energy consumption determination should demonstrate that the product is capable of meeting this requirement but this specific point need not be measured directly.		
3.7.3	Temperature variations during energy tests The intent of this Clause is to ensure that the refrigerating appliance limits the duration and extent of any defrost temperature excursion and recovery period and operates in a consistent manner to ensure that food safety and quality is maintained during normal operation. Where a product has a defrost control cycle, the appliance shall comply with the following requirements as shown in Figure 3.1:		
	(a) During the defrosting operation in an energy consumption test the maximum temperature of any freezer compartment measuring point shall not exceed 0° C for a period of more then 20 min. Refer to Figures 3.1(a) and 3.1(b). For verification tests, the test run selected shall be valid for energy determination (refer Appendix K) and the freezer compartment average temperature shall be at or below the target temperature……..:		
	b) During the defrost and recovery period, the period in which the average temperature in each compartment is more than 2 K above the average compartment temperature for the temperature determination period (refer to Paragraph D4.3) shall not exceed 2 h or 20% of the defrost control cycle, whichever is the shorter. Refer to Figure 3.2. For an appliance that is not cycling, compliance with the above requirement shall be determined directly using the instantaneous average compartment temperature. Refer also D3.		

AS/NZS 4474.1			
Clause	Requirement + Test	Result - Remark	Verdict
	c) During normal operation, and in the case of frost free appliances, after the allowed time in (b) above (i.e. 2 h or 20% of the defrost control cycle, whichever is the shorter) the average temperature of each control cycle (or 30 min period where there are no temperature control cycles) in each compartment shall be not more than 2 K above the average compartment temperature for the temperature determination period (Refer Paragraph D4.3) or 2 K above the compartment target temperature whichever is warmer.		

AS/NZS 4474.2			
Clause	Requirement + Test	Result - Remark	Verdict
2	Calculations for the energy label		
2.1	General		
	This Section sets out the equations and procedures for calculating values of the CEC and the star rating, which appear on an energy label.		
	The process consists of measuring the tested energy consumption (Et), of each unit tested, then calculating the projected annual energy consumption(PAEC) of the unit. The comparative energy consumption (CEC) for the model is determined from the values of PAEC for the units tested to determine the label particulars.		
	The CEC and total adjusted volume (Vadj tot) are then used to calculate the star rating index and the star rating.		
2.2	NUMBER OF TESTS AND PROCESSING OF DATA		
2.2.1	For the purpose of determining the CEC of a model for labelling, three separate units of the nominated model shall be tested for energy consumption in accordance with Section 2 of AS/NZS 4474.1. At the supplier's discretion, more than three units may be tested.	Three samples tested	
2.2.2	Each unit shall be tested with sufficient test runs to enable a valid value of Et to be determined for that unit. (Refer to AS/NZS 4474.1, Appendix K). This determination shall be documented in a test report containing the test results for all test runs used to derive Et. (Refer to AS/NZS 4474.1).		
2.2.3	After testing three or more separate units in accordance with Clause 2.2, the separate values of PAEC shall be averaged and referred to as PAECav.		
2.3	PROJECTED ANNUAL ENERGY CONSUMPTION (PAEC)		

AS/NZS 4474.2			
Clause	Requirement + Test	Result - Remark	Verdict
	The PAEC of a single refrigerating appliance shall be calculated using the following equation: PAEC = Et × 365/1000 (kWh/ year). . . 2(1) where Et = tested energy consumption expressed in Wh per 24 hours, rounded to the nearest whole number.	Unit1: PAEC=181.45 kWh/year Unit2: PAEC=184.95 kWh/year Unit3: PAEC=183.39 kWh/year	
	Any mode which reduces energy consumption under energy test conditions (including management of heaters) but which is not generally saving energy during normal use shall be defeated where possible for energy consumption testing.		
	Where the refrigerating appliance has an energy reduction mode that could not be disabled for the energy consumption test, then the energy impact of the mode shall be quantified and this value used to adjust each measured energy consumption rate. Where this has not been done in accordance with AS/NZS 4474.1:2007, then the PAEC shall be determined as follows:		
	PAEC = Et×365/1000 + 2 × Pr× 8.76 (kWh/year). . .2(2) where Pr = the average power reduction resulting from the energy reduction mode in watts. NOTE: Clause 3.7 and Paragraph K8 of AS/NZS 4474.1:2007 provide guidance for the determination of Pr.		
2.4	COMPARATIVE ENERGY CONSUMPTION (CEC)		
	The CEC for a model shall not be less than the average (rounded to a whole integer) PAEC value (i.e. PAECav) for the three (or more) units which are tested to determine the label particulars. The CEC shall be an integer in units of kWh/year.	PAECav=183.26 kWh/year CEC=185 kWh/year	

AS/NZS 4474.2			
Clause	Requirement + Test	Result - Remark	Verdict
	NOTE: At the supplier‘s discretion, the declared CEC may be greater than the PAECav to allow for variations such as manufacturing tolerances.	CEC=185 kWh/year	
2.4.2	Two or more variants of a model may use a common label with a CEC not less than the highest PAECav (rounded to the nearest kWh) of those variants.		
2.5	ADJUSTED VOLUME (Vadj)		
	To determine the adjusted volume of a ompartment, the volume adjustment factor (Ks) shall first be determined as follows:		
	(a) Ks for compartments other than special compartments Ks values shall be applied to food storage of cellar, fresh food, chill, ice-making, short-term frozen food and freezer types defined in Clause 1.3.11 of AS/NZS 4474.1 in accordance with Table 2.1.		
	(b) Ks for special type compartments Ks values shall be applied to special (unfrozen) and special (frozen) type compartments in accordance with Table 2.2. For any special compartment, the value of Ks shall be determined by the warmest temperature of the continuous operating temperature range that is claimed for it by the manufacturer. For example, if the claimed range of a special (frozen) type compartment is −12°C or colder, then the warmest temperature of its claimed range lies in the range ‘warmer than −15°C but not warmer than −9°C’, so the value of Ks is 1.4.		

AS/NZS 4474.2			
Clause	Requirement + Test	Result - Remark	Verdict
	(c) Multi-use compartments The volume adjustment factor to be applied to any multiuse type compartment shall be determined by the food storage type that is applicable when it is set to its coldest function for continuous operation. If it is a special (unfrozen) or (frozen) type the applicable value of Ks shall be determined according to Item (b).		
	The adjusted volume of a compartment is then given by the following equation: Vadj = Vg × Ks (litres) . . . 2(2) where Vg = rated gross volume of the compartment in litres Ks = Volume adjustment factor for the food storage type of the compartment, determined as specified in Items (a), (b) and (c). (Refer to Clause 3.5.3 for additional use of Ks.)	See table below	
2.6	BASE ENERGY CONSUMPTION (BEC)		
	The base energy consumption for an appliance model shall be calculated from the following equation: BEC = Cf + (Cv × Vadj tot $^{0.67}$) (kWh/year) . . . 2(3) where Cf = fixed allowance factor for its group in kilowatt hours per year Cv = variable allowance factor for its group in kilowatt hours per litre per year Vadj tot = total adjusted volume for the model in litres. The BEC shall be not rounded. Factors Cf and Cv shall be in accordance with Table 2.3.	BEC=368.75 kWh/year	
2.7	STAR RATING INDEX (SRI)		
	To determine the star rating index of a refrigerating appliance, an energy consumptionreduction factor (ERF) of 0.23 shall be used for all groups.		

AS/NZS 4474.2			
Clause	Requirement + Test	Result - Remark	Verdict
	The star rating index shall then be given by the following equation:		
	$$\text{Star rating index} = 1 + \left[\frac{\log_e \left(\frac{CEC}{BEC} \right)}{\log_e (1 - ERF)} \right]$$		
	where CEC = comparative energy consumption for the model in kWh/year BEC = base energy consumption for the model in kWh/year ERF = energy consumption reduction factor = 0.23 for all appliance groups.		
	NOTES: 1 Where the CEC of a model is equal to its base energy consumption (BEC), its star rating index is 1.00.		
	2 The energy consumption reduction factor is the proportion by which the CEC of a model would have to be reduced to increase its star rating index by 1.00. For all groups this is a 23% reduction in energy consumption per additional star earned.		
2.8	STAR RATING		
	The star rating shall be obtained from Table 2.5.		
	NOTES: 1 Refer to Appendix C for a method to estimate the CEC required for any particular target star rating. 2 For an example of calculations carried out on a typical set of test results, refer to Appendix B.		

<table>
<tr><td colspan="4">AS/NZS 4474.2</td></tr>
<tr><td>Clause</td><td>Requirement + Test</td><td>Result - Remark</td><td>Verdict</td></tr>
<tr><td></td><td>TABLE 2.4
DETERMINATION OF STAR RATING
<table><tr><th>SRI</th><th>Star rating</th></tr><tr><td>SRI < 1.5</td><td>1</td></tr><tr><td>1.5 ≤ SRI < 2.0</td><td>1.5</td></tr><tr><td>2.0 ≤ SRI < 2.5</td><td>2</td></tr><tr><td>2.5 ≤ SRI < 3.0</td><td>2.5</td></tr><tr><td>3.0 ≤ SRI < 3.5</td><td>3</td></tr><tr><td>3.5 ≤ SRI < 4.0</td><td>3.5</td></tr><tr><td>4.0 ≤ SRI < 4.5</td><td>4</td></tr><tr><td>4.5 ≤ SRI < 5.0</td><td>4.5</td></tr><tr><td>5.0 ≤ SRI < 5.5</td><td>5</td></tr><tr><td>5.5 ≤ SRI < 6.0</td><td>5.5</td></tr><tr><td>6.0 ≤ SRI < 7.0</td><td>6</td></tr><tr><td>7.0 ≤ SRI < 8.0</td><td>7</td></tr><tr><td>8.0 ≤ SRI < 9.0</td><td>8</td></tr><tr><td>9.0 ≤ SRI < 10.0</td><td>9</td></tr><tr><td>10.0 ≤ SRI</td><td>10</td></tr></table></td><td>SRI=3.63
Star rating:3.5</td><td></td></tr>
<tr><td>2.9</td><td colspan="2">ENERGY LABELLING AND MEPS FOR MULTI-GROUP PRODUCTS</td><td></td></tr>
<tr><td></td><td>As specified in AS/NZS 4474.1, the energy consumption of a refrigerating appliance shall be determined for the coldest claimed configuration for all multi-use compartment(s). This value shall be used to determine the primary comparative energy consumption and the star rating for the appliance shown on the energy label.</td><td>Not Multi-group products</td><td></td></tr>
<tr><td></td><td>However, where one or more multi-use compartments can be operated in a way that can change the product group, the manufacturer may elect to claim the energy consumption and star rating for each such group configuration in addition to the primary comparative energy consumption. Where any additional groups are claimed, the manufacturer shall nominate which group is the primary group for the purposes of energy labelling.</td><td></td><td></td></tr>
<tr><td>2.10</td><td colspan="2">ENERGY LABEL VALIDITY AND CHECKING TESTING</td><td></td></tr>
</table>

AS/NZS 4474.2			
Clause	Requirement + Test	Result - Remark	Verdict
	The CEC value shall be accepted as valid if, when a single sample of a labelled model is tested for an initial screening test, its PAEC is such that— PAEC ≤ 1.075 × CEC . . . 2.6		
	If this is not the case, the CEC shall be accepted as valid if three additional units are tested and the average PAEC of these additional units is such that— PAEC(av) ≤ 1.075 × CEC . . .2.7		
	NOTE: The 7.5% in Equations 2.6 and 2.7 are not to be applied as a tolerance on the original test measurements which are used to support an application for registration. The 7.5% is only an allowance for possible variation in test results for test samples due to production variability, sampling error and all measurement uncertainties in or between laboratories which is applied when assessing a check test result.		
	The administrative guidelines (summarised in Appendix F) set out important information and the methodology used by government for check testing of product registered to this Standard.		
	These guidelines can be found on www.energyrating.gov.au under E3 Committee. Note that different criteria are applied to the verification of MEPS compliance and energy labelling validity.		

SPECIFIC APPLIANCE DETAILS

Appliance dimensions (Advisory only).	**Width (mm)**	**Height (mm)**	**Depth (mm)**
Designation: (Indicate correct answer).			
Configuration: (Indicate correct answer).			
Group as defined in AS/NZS 4474.1 (Indicate correct answer).			
Can this product be configured to operate as more than one group? If yes, complete a separate application for each group being registered and contact your regulator regarding fees.			
Total number of compartments:			

TOTAL ADJUSTED VOLUME (Refer to Clause 2.5)

Record, in the table below, the measured, calculated and otherwise determined values as applicable.

Compartment number	**Compartment type (see Note 1)**	**Compartmen storage volume (litres)**	**Compartment gross volume (litres)**	**Compartment claimed max. operating temperature °C (see Note 2)**	**Compartment volume adjusted factor *K*s (see Note 3)**	**Compartment adjusted gross volume Vadj (litres)**
1						
2						
3						
4						
5						
6*						
Total Adjusted Gross Volume (litres)						

** Insert additional rows in this table if more than 6 compartments.*

Notes

1 Compartment types may be chosen from those defined in AS/NZS 4474.1.

2 For special compartments only specify the maximum operating temperature as per AS/NZS 4474.1.

3 Insert the applicable volume adjustment factor as per Clause 2.5 of this Standard.

TEST RESULTS

The on-line system allows more than 3 units to be submitted where required.

Projects Annual Energy Consumption (PAEC) – Unit 1	
Projects Annual Energy Consumption (PAEC) – Unit 2	
Projects Annual Energy Consumption (PAEC) – Unit 3	
Does the product have an operating mode which reduces energy consumption under energy test conditions (including management of heaters) but which is not generally saving energy during normal use? (refer Clause 2.3)	
If yes ,report the value of *P*r=the average power reduction resulting from the energy reduction mode,in watts(refer Equation 2.2)	
Projected Annual Energy Consumption(PAECav**)-Average**	
CEC(kWh/y) (Clause 2.4) *Note: CEC is only valid if less than the MEPS level (refer Clause 3.5).A warning may be issued where the standard deviation of the 3 units submitted is greater than 5%.*	

BASE ENERGY CONSUMPTION (Refer to Clause 2.6)

Fixed allowance factor *Cf*:	
Variable allowance factor C*v*:	
Variable allowance factor × *Vadj tot*:	
BASE ENERGY CONSUMPTION:	
Star Rating Index SRI: (Calculate using Equation 2.4 in Clause 2.7)	
Star Rating: (Calculate using Table 2.5 in Clause 2.8)	

MEPS Requirements

MEPS requirements tested to:	
Appliance group (Refer to Section 1 of AS/NZS4474.1)	
Fixed MEPS allowance factor: (Kf) Refer to Table 3.1(a)(kWh/year)	
Variable MEPS allowance factor: (Kv) Refer to Table 3.1(a)	
Adaptive defrost adjustment factor: (Ka)	
Adjusted volume	
Total door allowance (kWh/year)	
Ice dispenser allowance (kWh/year)	
MEPS cut-off level (Refer to Equation 3(1)(a)(kWh/year) PAECav	
Appliance complies if PAECav is less than the MEPS cut-off level. APPLIANCE.....COMPLIES	

DETERMINATION OF ENERGY CONSUMPTION OVER 24 H

NOTE: Applications for energy labelling and MEPS require tests on 3 separate units.

Determination of tested energy consumption (Et) entails reports on sufficient test runs on each unit to determine a value of Et as specified in Appendix K.

Data to be reported for test runs on each of the 3 units tested:

Coldest function selected for each multi-use type compartment .....

.....

Setting of other switches or controls .....

Disconnections, bridging or modifications of any devices on the appliance .....

Test room ambient setting .....

Interpolation method used: single point

Where interpolation has been used for one or two controls, identify which controls:

(i) .....

(ii) .....

Indicate compartments(s) used for interpolation: .....

Where a discrete control with less than 5 settings has been excluded from interpolation, indicate the setting selected on this control for the tests .....

Clause	Requirement + Test	Result - Remark	Verdict
Table R3	R3 determination of energy consumption over 24h(refer to appendix K)		
	Where the value of Et has been determined by interpolation from the results of two or more runs, then the derivation of the value of Et determined from those test runs shall be documented as part of this Test Report.		
	Where circumvention or an energy reduction mode has been suspected or confirmed, details of any action to detect the mode and the effect of the mode shall be included in the test report as required under Clause 3.1. Where the product has been found to have an energy reduction mode that operates during the energy consumption test, details are recorded as follows: (i) If the mode was disabled for testing—the details of the mode and a statement that it has been disabled for the test shall be included. OR (ii) If the mode could not be disabled or could only be partly disabled—the following information: (A) Nature of the energy reduction mode (description). (B) Average power reduction in watts. (C) Adjustment to the measured energy consumption rate (Wh/24 h) (refer to AS/NZS4474.1—2007, Paragraph K8). Notes on data for the tables below: 1. Only 2 points are required for linear interpolation. Point 4 is calculated in the case of triangulation for 2 compartments and 3 test points. Point Q is calculated for the optimum energy Et. 2. Setting of each user-adjustable temperature control and/or position of each useradjustable baffle shall be noted under‘control setting’. 3. Test period is the required test period specified in Paragraph K5. 4. Compartment temperature is the average air temperature in each compartment as specified in Appendix D for this test period. In addition, for each control setting the average temperature over the whole test period (including defrosts) shall be separately recorded. 5. Energy consumption E is calculated according to Paragraph K8.		

Unit 1:

Point	Control setting	Compartment A Temp (°C)	Compartment B Temp (°C)	Energy (Wh)	Test period (h)	*E* (Wh/24h)	Comments
1							
2							
3							
4							
Q							

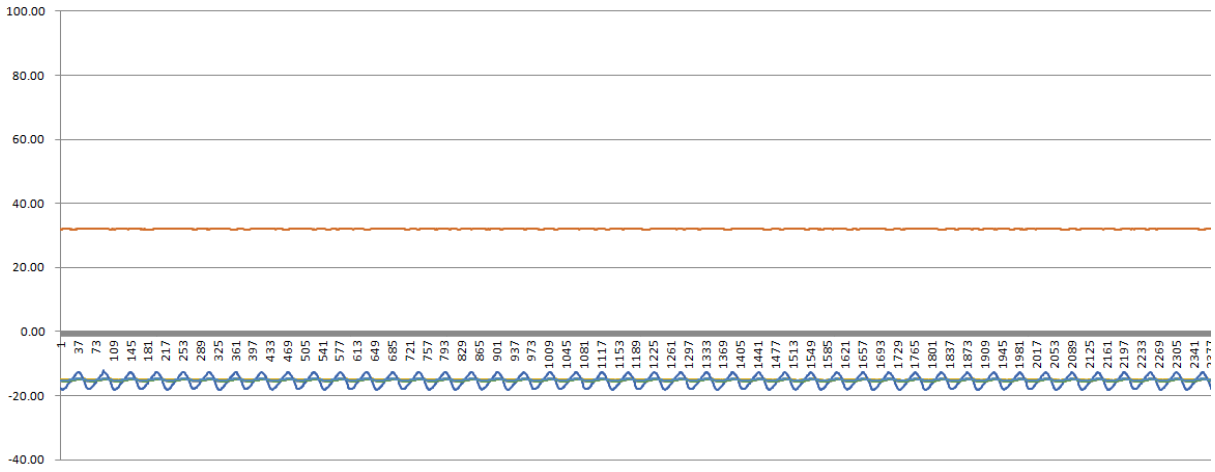
Unit 2:

Point	Control setting	Compartment A Temp (°C)	Compartment B Temp (°C)	Energy (Wh)	Test period (h)	*E* (Wh/24h)	Comments
1							
2							
3							
4							
Q							

Unit 3:

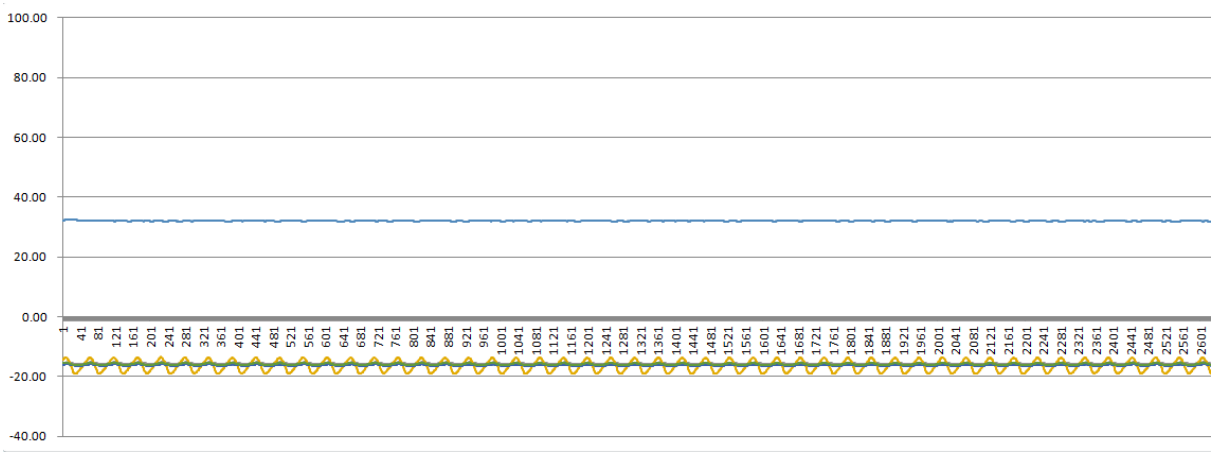
Point	Control setting	Compartment A Temp (°C)	Compartment B Temp (°C)	Energy (Wh)	Test period (h)	*E* (Wh/24h)	Comments
1							
2							
3							
4							
Q							

SAMPLE CHART FOR ENERGY CONSUMPTION TEST



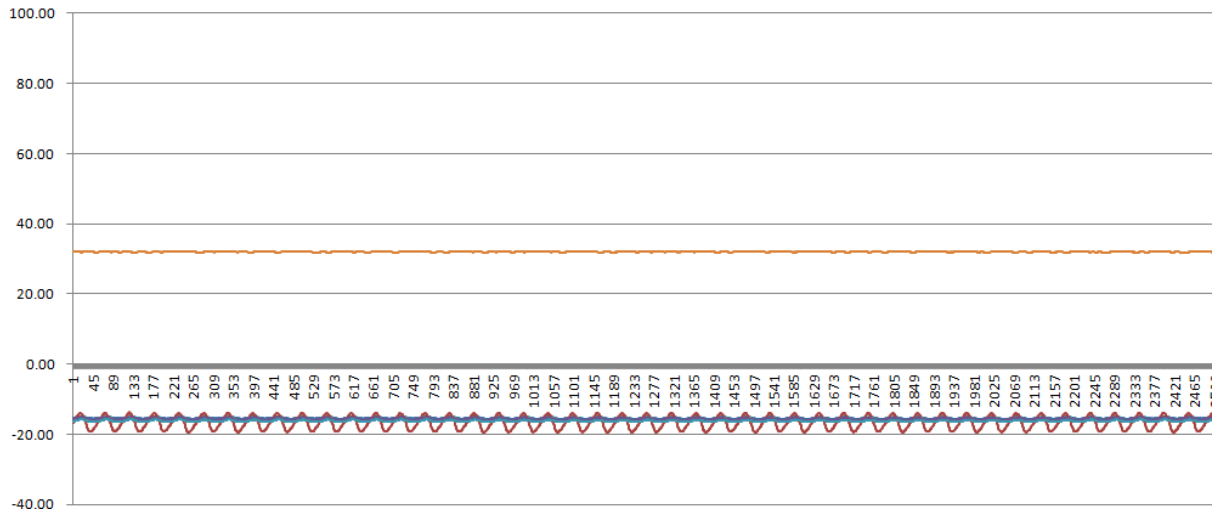
point 1 of Unit 1

SAMPLE CHART FOR ENERGY CONSUMPTION TEST



point 1 of Unit 2

SAMPLE CHART FOR ENERGY CONSUMPTION TEST



point 1 of Unit 3

PULL DOWN TEST

Data to be reported for test run

Coldest function selected for each multi-use type compartment .....

Position of each user-adjustable baffle.....

Setting of each user-adjustable temperature control.....

Setting of each other switch or control.....

Disconnections , bridging or modifications of any devices on the appliance .....

Test room ambient setting.....

Time taken for all compartments to reach target temperature.....

Temperature reached in each compartment..... Freezer:.....

Appliance complies with pull down test requirements?

OPERATING TEMPERATURE PERFORMANCE TEST

A complete conforming operating temperature performance test entails reports on sufficient test runs to demonstrate compliance at each ambient specified in Clause 3.4 and, for appliances with multi-use compartments, for each claimed use for each multi-use compartment. (Refer to Clause 3.4.3(b)).

Data to be reported for test run

Function selected for each multi-use type compartment.....

Position of each user-adjustable baffle.....

Setting of each user-adjustable temperature control.....

Setting of each other switch or user-adjustable control.....

Disconnections, bridging or modifications of any devices on the appliance .....

Test room ambient settings (as applicable).....

Average air temperature in each compartment, where applicable.....

Ambient			
Control setting			
Freezer compartment			

Where applicable, the compliance and method used for testing of temperature of each compartment containing freezer packages, in accordance with Paragraph J4

All water in any ice cube trays in ice-making space is frozen

(only if not tested using M packages).....

Appliance complies with operating temperature performance requirements .....

TEMPERATURE MEASUREMENT POSITIONS
Air temperature measurements (Refer to Appendix D) **For each compartment in which air temperature measurements are made, record the number of the figure in Appendix D used for placement of the air temperature sensors. If, in any compartments, sensors could not be placed as specified describe the positions used and the rules applied. Inclusion of a photo is recommended.** **Freezer test package measurements (Refer to Appendix E)** **For each compartment in which freezer test packages were used, record the number of the figure in Appendix E used for their placement. If, in any compartments, M packages could not be placed as specified (refer to Paragraph E3.6), state the number of M packages and attach diagrams describing the positions used and the rules applied.** **STABILITY** **Where any exceptions or other variations to achieve stability occur or where stability is not attained, this shall be noted in the relevant section(s) below.** **TESTING NOTES** **For each of the following tests, notes shall be included on any variations, interpretations, special requirements to testing or non-standard behavior of the unit tested.** **Any information about actions or observations as set out in Clauses 3.1 and 3.7 shall be included.**