

Nationwide House Energy Rating Scheme® Class 2 Summary

NatHERS® Certificate No. #HR-ZN8RQ4-01

Generated on 10 Apr 2024 using Hero 4.0

Property

Address 116-120 Frenchs Forest Rd , Frenchs Forest, NSW, 2086
Lot/DP 1-2-3/213608-24/25713
NatHERS climate zone 56 - Mascot AMO



Accredited assessor

Name Ioannis Fragkoulidis
Business name AENEC-Trading as Wide Spectrum Pty Ltd
Email yanni.aenec@gmail.com
Phone +61 452648288
Accreditation No. 10002
Assessor Accrediting Organisation HERA

Verification

To verify this certificate, scan the QR code or visit <http://www.hero-software.com.au/pdf/HR-ZN8RQ4-01>.

When using either link, ensure you are visiting <http://www.hero-software.com.au>



National Construction Code (NCC) requirements

The NCC allows the use of NatHERS accredited software to comply with the energy efficiency requirements for houses (Class 1 buildings) and apartments (Class 2 sole-occupancy units and Class 4 parts of buildings). The applicable requirements for houses are detailed in Specification 42 of NCC Volume Two. For apartments the requirements are detailed in clauses J3D3 and J3D15 of NCC Volume One.

NCC 2022 includes enhanced thermal performance requirements for houses and apartments. It also includes a new whole-of-home annual energy use budget which applies to the major equipment in the home.

The NCC, and associated ABCB Standards and support material, can be accessed at www.abcb.gov.au.

Note, variations and additions to the NCC energy efficiency requirements may apply in some states and territories.

Summary of all dwellings

Certificate number and link	Unit Number	Heating load (load limit) (MJ/m ² .yr)	Cooling load (load limit) (MJ/m ² .yr)	Total load (MJ/m ² .yr)	Star Rating	Whole of Home Rating
HR-4D4G18-01	A101	14.7 (34)	10.0 (21)	24.7	7.5	n/a
HR-HYS1J3-01	A102	14.8 (34)	6.1 (21)	20.8	8.0	n/a
HR-XN4S3R-01	A103	9.5 (34)	5.8 (21)	15.2	8.6	n/a

Thermal performance Star rating



NATIONWIDE HOUSE
ENERGY RATING SCHEME®

The rating above is the average of all dwellings in this summary.

For more information on your dwelling's rating see:
www.nathers.gov.au

NCC heating and cooling maximum loads MJ/m².yr

Limits taken from ABCB Standard 2022

	Heating	Cooling
Average load	16.1	9.0
Maximum load	32.1	18.3
Average limit	28.1	20.0
Maximum limit	34.4	21.4

Whole of Home performance rating

No Whole of Home performance rating generated for this certificate or not completed for all dwellings.

Summary of all dwellings

Certificate number and link	Unit Number	Heating load (load limit) (MJ/m ² .yr)	Cooling load (load limit) (MJ/m ² .yr)	Total load (MJ/m ² .yr)	Star Rating	Whole of Home Rating
HR-6PVU8H-01	A104	11.5 (34)	5.9 (21)	17.5	8.4	n/a
HR-A9YLRQ-01	A105	6.7 (34)	12.2 (21)	18.9	8.2	n/a
HR-JD5BRB-01	A106	3.6 (34)	4.4 (21)	8.0	9.7	n/a
HR-DQXY4F-01	A107	2.0 (34)	8.0 (21)	10.1	9.3	n/a
HR-DXSZTZ-01	A108	26.4 (34)	4.9 (21)	31.3	6.8	n/a
HR-996BMZ-01	A109	17.8 (34)	8.4 (21)	26.2	7.4	n/a
HR-O3FFRI-01	A110	17.4 (34)	7.8 (21)	25.3	7.4	n/a
HR-UMTZ6X-01	A111	27.3 (34)	7.7 (21)	35.0	6.4	n/a
HR-SZQS85-01	A201	12.5 (34)	8.3 (21)	20.9	8.0	n/a
HR-AS2HUD-01	A202	15.3 (34)	5.9 (21)	21.1	7.9	n/a
HR-LC6XUO-01	A203	9.8 (34)	6.5 (21)	16.2	8.4	n/a
HR-5W5QR3-01	A204	12.2 (34)	5.7 (21)	17.9	8.3	n/a
HR-65PH2J-01	A205	6.3 (34)	12.8 (21)	19.1	8.2	n/a
HR-4YMM55-01	A206	3.9 (34)	4.5 (21)	8.4	9.6	n/a
HR-BKQGK0-01	A207	11.2 (34)	5.4 (21)	16.6	8.4	n/a
HR-59WWHD-01	A208	23.8 (34)	5.3 (21)	29.1	7.1	n/a
HR-36AVG4-01	A209	18.2 (34)	9.0 (21)	27.2	7.3	n/a
HR-8QNPOS-01	A210	17.6 (34)	8.0 (21)	25.6	7.4	n/a
HR-ZQ2OA5-01	A211	29.0 (34)	7.6 (21)	36.6	6.2	n/a
HR-D3H1PM-01	A301	19.2 (34)	6.5 (21)	25.7	7.4	n/a
HR-MJXYFG-01	A302	18.6 (34)	6.1 (21)	24.7	7.5	n/a
HR-0SVEZT-01	A303	24.0 (34)	4.4 (21)	28.4	7.2	n/a
HR-75O5FE-01	A304	18.3 (34)	5.2 (21)	23.5	7.7	n/a
HR-KHEEU7-01	A305	5.7 (34)	12.9 (21)	18.6	8.2	n/a
HR-ALGL2B-01	A306	5.9 (34)	4.8 (21)	10.8	9.2	n/a
HR-4SA71K-01	A307	4.5 (34)	8.3 (21)	12.7	8.9	n/a
HR-D62XHK-01	A308	19.4 (34)	6.9 (21)	26.4	7.4	n/a
HR-HL43DJ-01	A309	16.7 (34)	10.1 (21)	26.8	7.3	n/a
HR-MA9J5G-01	A310	19.3 (34)	7.5 (21)	26.9	7.3	n/a

Summary of all dwellings

Certificate number and link	Unit Number	Heating load (load limit) (MJ/m ² .yr)	Cooling load (load limit) (MJ/m ² .yr)	Total load (MJ/m ² .yr)	Star Rating	Whole of Home Rating
HR-QJ8N1Y-01	A311	27.6 (34)	9.9 (21)	37.5	6.1	n/a
HR-9O3R0W-01	A401	22.6 (34)	9.1 (21)	31.7	6.8	n/a
HR-0J8073-01	A402	18.3 (34)	7.2 (21)	25.5	7.4	n/a
HR-HOU1SJ-01	A403	7.6 (34)	10.1 (21)	17.7	8.3	n/a
HR-WCDQ89-01	A404	7.4 (34)	9.2 (21)	16.6	8.4	n/a
HR-3P7FDL-01	A405	9.5 (34)	6.5 (21)	16.0	8.4	n/a
HR-B1WFM1-01	A406	26.7 (34)	3.2 (21)	30.0	7.0	n/a
HR-XGED0O-01	A407	21.4 (34)	4.4 (21)	25.8	7.4	n/a
HR-P86Q9K-01	A408	9.3 (34)	15.7 (21)	24.9	7.5	n/a
HR-0HC3TO-01	A501	23.0 (34)	13.5 (21)	36.5	6.2	n/a
HR-JEKANZ-01	A502	19.6 (34)	4.4 (21)	24.0	7.6	n/a
HR-GMMZM6-01	A503	18.3 (34)	6.1 (21)	24.4	7.6	n/a
HR-XJYRTK-01	A504	5.6 (34)	10.7 (21)	16.2	8.4	n/a
HR-IVJZGR-01	A505	9.4 (34)	7.5 (21)	16.9	8.4	n/a
HR-8YTWWS-01	A506	23.8 (34)	3.3 (21)	27.1	7.3	n/a
HR-PT4JMK-01	A507	25.2 (34)	4.8 (21)	30.0	7.0	n/a
HR-GIFDW8-01	A508	18.1 (34)	7.3 (21)	25.4	7.4	n/a
HR-33UO10-01	A601	27.6 (34)	8.0 (21)	35.6	6.3	n/a
HR-SQE9WI-01	A602	24.0 (34)	10.1 (21)	34.1	6.4	n/a
HR-IGZ7PS-01	A603	18.3 (34)	11.6 (21)	30.0	7.0	n/a
HR-P5F53Y-01	A604	19.8 (34)	16.9 (21)	36.7	6.2	n/a
HR-QU1YG1-01	A605	16.3 (34)	14.5 (21)	30.8	6.9	n/a
HR-1S75SU-01	A606	31.4 (34)	5.7 (21)	37.1	6.1	n/a
HR-V88HAW-01	A607	27.0 (34)	8.9 (21)	35.9	6.3	n/a
HR-T68MNG-01	A608	24.4 (34)	10.4 (21)	34.8	6.4	n/a
HR-5HBQF2-01	AG01	16.2 (34)	10.9 (21)	27.2	7.3	n/a
HR-1NKFJF-01	AG02	18.6 (34)	6.1 (21)	24.7	7.5	n/a
HR-7V8RIR-01	AG03	25.6 (34)	5.4 (21)	31.0	6.9	n/a
HR-O30R2R-01	AG04	14.3 (34)	6.8 (21)	21.1	7.9	n/a



Summary of all dwellings

Certificate number and link	Unit Number	Heating load (load limit) (MJ/m ² .yr)	Cooling load (load limit) (MJ/m ² .yr)	Total load (MJ/m ² .yr)	Star Rating	Whole of Home Rating
HR-O8BZ55-01	AG05	4.5 (34)	12.7 (21)	17.2	8.4	n/a
HR-2OX57I-01	AG06	3.1 (34)	6.1 (21)	9.3	9.4	n/a
HR-TMKAG8-01	AG07	3.2 (34)	7.5 (21)	10.8	9.2	n/a
HR-TJZ4LJ-01	AG08	22.3 (34)	3.4 (21)	25.8	7.4	n/a
HR-86A1X5-01	AG09	26.6 (34)	7.3 (21)	33.9	6.5	n/a
HR-EQ0032-01	AG10	18.4 (34)	11.2 (21)	29.6	7.0	n/a
HR-1WC56Z-01	AG11	24.0 (34)	9.0 (21)	33.0	6.6	n/a
HR-3XOGSH-01	ALG01	1.9 (34)	7.3 (21)	9.2	9.4	n/a
HR-NINUAO-01	ALG02	11.6 (34)	3.8 (21)	15.4	8.6	n/a
HR-VS7NDL-01	B101	18.8 (34)	6.9 (21)	25.7	7.4	n/a
HR-UB5CRF-01	B102	32.1 (34)	4.8 (21)	36.9	6.1	n/a
HR-V2Y5QG-01	B103	19.0 (34)	5.4 (21)	24.4	7.6	n/a
HR-WOL588-01	B104	17.2 (34)	11.2 (21)	28.4	7.2	n/a
HR-DUOCH1-01	B105	20.5 (34)	4.4 (21)	24.9	7.5	n/a
HR-YQO5PO-01	B106	9.1 (34)	13.9 (21)	23.0	7.8	n/a
HR-3TZQ3Z-01	B201	17.7 (34)	7.0 (21)	24.7	7.5	n/a
HR-52UM6I-01	B202	30.5 (34)	6.2 (21)	36.7	6.2	n/a
HR-VAAG7G-01	B203	19.3 (34)	9.1 (21)	28.4	7.2	n/a
HR-MMLQK2-01	B204	17.3 (34)	11.3 (21)	28.6	7.1	n/a
HR-CGDFC6-01	B205	20.5 (34)	8.6 (21)	29.1	7.1	n/a
HR-N5IE98-01	B206	9.4 (34)	17.6 (21)	27.0	7.3	n/a
HR-G43FIU-01	B301	22.1 (34)	6.8 (21)	28.8	7.1	n/a
HR-0P9XUH-01	B302	28.1 (34)	7.0 (21)	35.1	6.4	n/a
HR-Z9LCJP-01	B303	26.0 (34)	7.9 (21)	33.9	6.5	n/a
HR-Q38L6C-01	B304	23.5 (34)	9.5 (21)	33.1	6.6	n/a
HR-VJECKK-01	B305	24.1 (34)	7.8 (21)	31.9	6.8	n/a
HR-G527YQ-01	B306	13.3 (34)	18.3 (21)	31.6	6.8	n/a
HR-5ELZG1-01	B401	19.0 (34)	9.0 (21)	28.1	7.2	n/a
HR-Y02JVL-01	B402	16.9 (34)	8.8 (21)	25.7	7.4	n/a



Summary of all dwellings

Certificate number and link	Unit Number	Heating load (load limit) (MJ/m ² .yr)	Cooling load (load limit) (MJ/m ² .yr)	Total load (MJ/m ² .yr)	Star Rating	Whole of Home Rating
HR-MLG9K9-01	B403	4.1 (34)	12.0 (21)	16.1	8.4	n/a
HR-QK1POG-01	B404	1.9 (34)	13.6 (21)	15.4	8.6	n/a
HR-B4XUF6-01	B501	18.2 (34)	8.3 (21)	26.5	7.4	n/a
HR-O0DWD7-01	B502	15.6 (34)	10.1 (21)	25.7	7.4	n/a
HR-HBYXHT-01	B503	3.9 (34)	11.8 (21)	15.7	8.5	n/a
HR-EI58SM-01	B504	1.8 (34)	11.0 (21)	12.8	8.9	n/a
HR-87UOSL-01	B601	21.4 (34)	12.1 (21)	33.4	6.6	n/a
HR-BWPE8T-01	B602	22.1 (34)	12.7 (21)	34.7	6.4	n/a
HR-9V1H9F-01	B603	7.3 (34)	13.2 (21)	20.5	8.0	n/a
HR-LE0AJ9-01	B604	4.9 (34)	13.1 (21)	18.0	8.3	n/a
HR-HN3O9H-01	BG01	31.5 (34)	5.1 (21)	36.7	6.2	n/a
HR-FKHGGO-01	BG02	31.0 (34)	6.5 (21)	37.5	6.1	n/a
HR-UP2AID-01	BG03	13.8 (34)	15.5 (21)	29.3	7.1	n/a
HR-L18CKL-01	BG04	13.8 (34)	15.8 (21)	29.6	7.0	n/a
HR-736LAS-01	BG05	9.7 (34)	5.9 (21)	15.7	8.5	n/a
HR-OPSXLH-01	BG06	9.1 (34)	11.7 (21)	20.8	8.0	n/a
HR-WN798X-01	BLG01	23.8 (34)	7.1 (21)	30.9	6.9	n/a
HR-PJ0VPS-01	BLG02	13.8 (34)	9.4 (21)	23.2	7.7	n/a
HR-JOITOC-01	C101	13.8 (34)	11.7 (21)	25.4	7.4	n/a
HR-VM0J70-01	C102	21.8 (34)	9.9 (21)	31.7	6.8	n/a
HR-J1Z8KN-01	C103	3.1 (34)	9.8 (21)	13.0	8.9	n/a
HR-Y1M4NV-01	C104	22.3 (34)	11.3 (21)	33.5	6.6	n/a
HR-KNA6K4-01	C201	13.6 (34)	11.0 (21)	24.6	7.6	n/a
HR-NV291Q-01	C202	21.9 (34)	9.4 (21)	31.3	6.8	n/a
HR-TV7G7Q-01	C203	1.7 (34)	10.3 (21)	12.0	9.0	n/a
HR-4XKKJI-01	C204	11.4 (34)	13.5 (21)	24.9	7.5	n/a
HR-1P8879-01	C301	15.7 (34)	9.6 (21)	25.4	7.4	n/a
HR-C24L9N-01	C302	14.2 (34)	6.7 (21)	20.9	8.0	n/a
HR-WYOO1J-01	C303	6.0 (34)	8.5 (21)	14.6	8.7	n/a

Summary of all dwellings

Certificate number and link	Unit Number	Heating load (load limit) (MJ/m ² .yr)	Cooling load (load limit) (MJ/m ² .yr)	Total load (MJ/m ² .yr)	Star Rating	Whole of Home Rating
HR-CCCRDH-01	C304	11.1 (34)	11.6 (21)	22.7	7.8	n/a
HR-K0ZOFF-01	C401	14.0 (34)	10.9 (21)	24.8	7.5	n/a
HR-CXSL8D-01	C402	12.4 (34)	12.4 (21)	24.8	7.5	n/a
HR-XQIEG5-01	C501	20.3 (34)	13.9 (21)	34.2	6.4	n/a
HR-EXTVP0-01	C502	20.0 (34)	14.2 (21)	34.3	6.4	n/a
HR-6P33M7-01	CG01	16.1 (34)	11.9 (21)	28.0	7.2	n/a
HR-SQYTK0-01	CG02	12.4 (34)	17.3 (21)	29.6	7.0	n/a
HR-WJD6B5-01	CG03	8.8 (34)	8.6 (21)	17.4	8.4	n/a
Averages	127x (Total)	16.1	9.0	25.1	7.5	n/a
Maximum Loads and Minimum Ratings		32.1	18.3	37.5	6.1	n/a

Explanatory notes

About the ratings

The thermal performance star rating in this Certificate is the average rating of all NCC Class 2 dwellings in an apartment block. The Whole of Home performance rating in this Certificate is the lowest rating for the apartment block. Individual unit ratings are listed in the 'Summary of all dwellings' section of this Certificate.

NatHERS ratings use computer modelling to evaluate a home's energy efficiency and performance. They use localised climate data and standard assumptions on how people use their home to predict the energy loads and societal cost. The thermal performance star rating uses the home's building specifications, layout, orientation and fabric (i.e. walls, windows, floors, roofs and ceilings) to predict the heating and cooling energy loads. The Whole of Home performance rating uses information about the home's appliances and onsite energy production and storage to estimate the home's societal cost.

For more details about an individual dwelling's assessment, refer to the individual dwelling's NatHERS Certificate (accessible via link).

Accredited Assessors

For high quality NatHERS Certificates, always use an accredited or licenced assessor registered with an Assessor Accrediting Organisation (AAO). AAOs have strict quality assurance processes, and professional development requirements ensuring consistently high standards for assessments.

Non-accredited assessors (Raters) have no ongoing training requirements and are not quality assured.

Licensed assessors in the Australian Capital Territory (ACT) can produce assessments for regulatory purposes only, using endorsed software, as listed on the ACT licensing register.

Any queries about this report should be directed to the assessor. If the assessor is unable to address questions or concerns, contact the AAO specified on the front of this certificate.

Disclaimer

The NatHERS Certificate format is developed by the NatHERS Administrator. However, the content in certificates is entered by the assessor. It is the assessor's responsibility to use NatHERS accredited software correctly and follow the NatHERS Technical Note to produce a NatHERS Certificate.

The predicted annual energy use, cost and greenhouse gas emissions in this NatHERS Certificate are an estimate based on an assessment of the dwelling's design by the assessor. It is not a prediction of actual energy use, cost or emissions. The information and ratings may be used to compare how other dwellings are likely to perform when used in a similar way.

Information presented in this report relies on a range of standard assumptions (both embedded in NatHERS accredited software and made by the assessor who prepared this report), including assumptions about occupancy, behaviour, appliance performance, indoor air temperature and local climate.

Not all assumptions made by the assessor while using the NatHERS accredited software tool are presented in this report and further details or data files may be available from the assessor.