

Energy Efficiency Report – HERS Software

Class 2 – New Dwelling

Date: 23 September 2025
Our Reference: 24-21531
Client Job Reference: Alchera Apartments

Project Address: Lot 50 (#40-44) Worley Street, Willagee WA 6156
NCC Climate Zone: 5
HERS Climate Zone: 13

Report Commissioned by: Gary Batt Associate Architects

On Behalf of: Alchera Living

Technical Contact: Nina Kelly

This assessment has been completed in accordance with NCC 2022 Amendment 1, applied in conjunction with NCC 2022 Volume One, ABCB Housing Provisions 2022 and R-Codes Volume Two 2024.

Document Control

| | | | | | |
|-----------|---|------------|----|----------------|----|
| Doc name: | EE Report (Class 2) - Alchera Village Willagee Worley St L50 Hn40-44 (24-21531) | | | | |
| Version | Date | Author | | Reviewer | |
| 1 | 23/09/2025 | Nina Kelly | NK | Sarah Snijders | SS |
| | Final report | | | | |

SUMMARY OF REQUIREMENTS

The following table demonstrates the insulation and glazing values required to comply with this energy efficiency report. Materials may be substituted for similar materials if the Total R-Value is equal or higher than that specified. Please see the NatHERS certificate attached as Appendix C for full insulation / glazing specifications.

| Construction Element | Final Building Specification | | | Comments | |
|--|---|---------------------|-------------|-------------------|-------------------------------|
| Roof Colour | Provisional | | | To be specified | |
| Roof/Ceiling | R1.3 Anticon roof insulation + R4.0 bulk ceiling insulation | | | As per plans | |
| External Walls | R2.5 bulk insulation + thermal break | | | As per plans | |
| Internal Walls | R2.0 bulk wall insulation | | | As per plans | |
| Internal Walls – Neighbour | R2.0 bulk wall insulation | | | As per plans | |
| Floor – Suspended concrete | R2.5 soffit board | | | As per plans | |
| Floor –Neighbour | R2.5 soffit board | | | As per plans | |
| Glazing | Opening Type | Total System | | Frame Type | Glass Type[^] |
| | | U-Value | SHGC | | |
| | Awning | 6.8 | 0.62 | Aluminium | Standard clear |
| | Awning | 4.9 | 0.46 | Aluminium | Low-E |
| | Awning | 4.0 | 0.47 | Aluminium | Double Glaze |
| | Sliding Window | 6.9 | 0.69 | Aluminium | Standard clear |
| | Sliding Window | 4.5 | 0.46 | Aluminium | Low-E |
| | Fixed Window | 6.5 | 0.78 | Aluminium | Standard clear |
| | Fixed Window | 4.5 | 0.46 | Aluminium | Low-E |
| | Louvre | 6.2 | 0.45 | Aluminium | Standard clear |
| | Sliding Door | 6.5 | 0.70 | Aluminium | Standard clear |
| Sliding Door | 4.5 | 0.46 | Aluminium | Low-E | |
| Sliding Door | 4.0 | 0.45 | Aluminium | Double Glaze | |
| ^Glass type indicative only. Confirm with your glazier to ensure values are achieved. | | | | | |
| Client Obligations: | | | | | |
| Thermal breaks are required to the roof and external walls in accordance with J3D5 and J3D6. | | | | | |
| The project must satisfy the performance requirements noted in Appendix A. | | | | | |
| Artificial Lighting design does not exceed the maximum illumination power density as per Part J7, Table J7D3a. | | | | | |
| Space heating/cooling, water heating, pools and spas, and photovoltaics are to be installed in accordance with the equipment details nominated in Appendix B. | | | | | |
| Compliance Notes: | | | | | |
| Performance Requirement J1P2 is satisfied by complying with J3D3, using house energy rating software. | | | | | |
| Performance Requirement J1P3 is satisfied by complying with for the net equivalent energy usage J3D14 and Part J6 and Part J7. | | | | | |
| Performance Requirement J1P4 is satisfied by complying with J9D4 and J9D5. | | | | | |
| Ventilation calculations have been completed to ensure compliance with Part F6. | | | | | |
| Part 4.15 of the R-Codes Volume Two 2024 is satisfied by all dwellings exceeding the minimum NatHERS requirement for apartments by 0.5 stars. | | | | | |
| Part 4.15 of the R-Codes Volume Two 2024 is satisfied by incorporating at least one significant energy efficiency initiative within the development that exceeds minimum practice. | | | | | |

APPENDIX A – NCC 2022 VOLUME ONE AMENDMENT 1 PERFORMANCE REQUIREMENTS

Part J6 Air-conditioning and ventilation

Application of Part J6 will comply with Part J6D2.

Air-conditioning system control will comply with Part J6D3.

Mechanical ventilation system control will comply with Part J6D4.

Fans and duct systems will comply with Part J6D5.

Ductwork insulation will comply with Part J6D6.

Ductwork sealing will comply with Part J6D7.

Pump systems will comply with Part J6D8.

Pipework insulation will comply with Part J6D9.

Space heating will comply with Part J6D10.

Refrigerant chillers will comply with Part J6D11.

Unitary air-conditioning equipment will comply with Part J6D12.

Heat rejection equipment will comply with Part J6D13.

Part J7 Artificial lighting and power

Application of Part J7 will comply with Part J7D2.

Artificial lighting will comply with Part J7D3.

Interior artificial lighting will comply with Part J7D4.

Interior decorative and display lighting will comply with Part J7D5.

Exterior artificial lighting will comply with Part J7D6.

Boiling water and chilled water storage units will comply with Part J7D7.

Lifts will comply with Part J7D8.

Escalators and moving walkways will comply with Part J7D9.

Facilities for electrical vehicle charging equipment will comply with Part J9D4.

Facilities for solar photovoltaic and battery systems will comply with Part J9D5.

APPENDIX B – J3D14 WHOLE-OF-HOME ENERGY USAGE



Whole-of-home



Calculator

| Home details | | Net equivalent energy usage | |
|---|---|-----------------------------|---|
| Your Project Name | Apartment Type A, Lot 50 (#40-44) Worley Street, Willagee | Allowance | 2.4 |
| State/Territory | WA | Actual | 1.5 <input checked="" type="checkbox"/> |
| NCC Climate zone | 5 < Help | | |
| Total Floor area (m ²) | 94 < Help | | |
| NCC Building classification | 1 | | |
| Equipment details | | | |
| Space heating/cooling | | Pools and spas | |
| If using a heat pump specify rating type > <input type="text" value="Star Rating (GEMS 2013)"/> | | | |
| ↓ | | | |
| Main space conditioning - HEATING | Type: Non-ducted heat pump Star Rating (2013): < 3 < Help | Pool volume (L) | <input type="text"/> |
| Main space conditioning - COOLING | Type: Non-ducted heat pump Star Rating (2013): < 3 < Help | Pool pump star rating | <input type="text"/> |
| | | Spa volume (L) | <input type="text"/> |
| Water heating | | Photovoltaics | |
| Main water heater type | Heat pump (off peak) | Photovoltaic capacity (kW) | 0 |

Notes:

- This calculator automates the NCC whole-of-home energy usage requirements (Part 13.6 of the ABCB Housing Provisions and J3D14 of NCC Volume One).
- For the purposes of this calculator, floor area is measured within the inside face of the external walls of the sole-occupancy unit (SOU) and includes any conditioned attached Class 10a part.

IMPORTANT NOTICE AND DISCLAIMER IN RESPECT OF THIS CALCULATOR:

By accessing or using this calculator, you agree to the following: The ABCB (as the Commonwealth of Australia acting on behalf of the Commonwealth of Australia, the State of New South Wales, the State of Queensland, the State of Victoria, the State of South Australia, the State of Tasmania, the State of Western Australia, the Australian Capital Territory and the Northern Territory) provides the calculator for general information purposes only. While we make every effort to ensure that information provided is accurate and up to date, such information does in no way constitute the provision of professional advice.

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Whole-of-home



Calculator

| Home details | | Net equivalent energy usage | |
|--|---|--|---|
| Your Project Name | Apartment Type B, Lot 50 (#40-44) Worley Street, Willagee | Allowance | 2.3 |
| State/Territory | WA | Actual | 1.5 <input checked="" type="checkbox"/> |
| NCC Climate zone | 5 < Help | | |
| Total Floor area (m ²) | 89 < Help | | |
| NCC Building classification | 1 | | |
| Equipment details | | Pools and spas | |
| If using a heat pump specify rating type > <input type="text" value="Star Rating (GEMS 2013)"/> | | Pool volume (L) <input type="text"/> | |
| Type Star Rating (2013) Main space conditioning - HEATING <input type="text" value="Non-ducted heat pump"/> <input type="text" value="< 3"/> < Help | | Pool pump star rating <input type="text"/> | |
| Type Star Rating (2013) Main space conditioning - COOLING <input type="text" value="Non-ducted heat pump"/> <input type="text" value="< 3"/> < Help | | Spa volume (L) <input type="text"/> | |
| Water heating | | Photovoltaics | |
| Main water heater type | <input type="text" value="Heat pump (off peak)"/> | Photovoltaic capacity (kW) | <input type="text" value="0"/> |

Notes:

- This calculator automates the NCC whole-of-home energy usage requirements (Part 13.6 of the ABCB Housing Provisions and J3D14 of NCC Volume One).
- For the purposes of this calculator, floor area is measured within the inside face of the external walls of the sole-occupancy unit (SOU) and includes any conditioned attached Class 10a part.

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Whole-of-home



Calculator

| Home details | | Net equivalent energy usage | | | | | | | | | | | | | |
|--|---|-----------------------------|---|-----------------------------------|--|-----------------------------------|--|--|--|-----------------|----------------------|-----------------------|----------------------|----------------|----------------------|
| Your Project Name | Apartment Type C, Lot 50 (#40-44) Worley Street, Willagee | Allowance | 2.3 | | | | | | | | | | | | |
| State/Territory | WA | Actual | 1.5 <input checked="" type="checkbox"/> | | | | | | | | | | | | |
| NCC Climate zone | 5 < Help | | | | | | | | | | | | | | |
| Total Floor area (m ²) | 88 < Help | | | | | | | | | | | | | | |
| NCC Building classification | 1 | | | | | | | | | | | | | | |
| Equipment details | | Pools and spas | | | | | | | | | | | | | |
| If using a heat pump specify rating type > <input type="text" value="Star Rating (GEMS 2013)"/> | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Type</th> <th>Star Rating (2013)</th> </tr> </thead> <tbody> <tr> <td>Main space conditioning - HEATING</td> <td>Non-ducted heat pump < 3 < Help</td> </tr> <tr> <td>Main space conditioning - COOLING</td> <td>Non-ducted heat pump < 3 < Help</td> </tr> </tbody> </table> | | Type | Star Rating (2013) | Main space conditioning - HEATING | Non-ducted heat pump < 3 < Help | Main space conditioning - COOLING | Non-ducted heat pump < 3 < Help | <table border="1"> <tr> <td>Pool volume (L)</td> <td><input type="text"/></td> </tr> <tr> <td>Pool pump star rating</td> <td><input type="text"/></td> </tr> <tr> <td>Spa volume (L)</td> <td><input type="text"/></td> </tr> </table> | | Pool volume (L) | <input type="text"/> | Pool pump star rating | <input type="text"/> | Spa volume (L) | <input type="text"/> |
| Type | Star Rating (2013) | | | | | | | | | | | | | | |
| Main space conditioning - HEATING | Non-ducted heat pump < 3 < Help | | | | | | | | | | | | | | |
| Main space conditioning - COOLING | Non-ducted heat pump < 3 < Help | | | | | | | | | | | | | | |
| Pool volume (L) | <input type="text"/> | | | | | | | | | | | | | | |
| Pool pump star rating | <input type="text"/> | | | | | | | | | | | | | | |
| Spa volume (L) | <input type="text"/> | | | | | | | | | | | | | | |
| Water heating | | Photovoltaics | | | | | | | | | | | | | |
| Main water heater type | Heat pump (off peak) | Photovoltaic capacity (kW) | 0 | | | | | | | | | | | | |

Notes:

- This calculator automates the NCC whole-of-home energy usage requirements (Part 13.6 of the ABCB Housing Provisions and J3D14 of NCC Volume One).
- For the purposes of this calculator, floor area is measured within the inside face of the external walls of the sole-occupancy unit (SOU) and includes any conditioned attached Class 10a part.

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Whole-of-home



Calculator

| Home details | | Net equivalent energy usage | |
|---|---|--|---|
| Your Project Name | Apartment Type D, Lot 50 (#40-44) Worley Street, Willagee | Allowance | 2.3 |
| State/Territory | WA | Actual | 1.5 <input checked="" type="checkbox"/> |
| NCC Climate zone | 5 < Help | | |
| Total Floor area (m ²) | 92 < Help | | |
| NCC Building classification | 1 | | |
| Equipment details | | Pools and spas | |
| If using a heat pump specify rating type > <input type="text" value="Star Rating (GEMS 2013)"/> | | Pool volume (L) <input type="text"/> | |
| Main space conditioning - HEATING Type: Non-ducted heat pump, Star Rating (2013): < 3 < Help | | Pool pump star rating <input type="text"/> | |
| Main space conditioning - COOLING Type: Non-ducted heat pump, Star Rating (2013): < 3 < Help | | Spa volume (L) <input type="text"/> | |
| Water heating | | Photovoltaics | |
| Main water heater type | Heat pump (off peak) | Photovoltaic capacity (kW) | 0 |

Notes:

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- For the purposes of this calculator, floor area is measured within the inside face of the external walls of the sole-occupancy unit (SOU) and includes any conditioned attached Class 10a part.

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Whole-of-home



Calculator

| Home details | | Net equivalent energy usage | |
|------------------------------------|---|-----------------------------|---|
| Your Project Name | Apartment Type E, Lot 50 (#40-44) Worley Street, Willagee | Allowance | 2.5 |
| State/Territory | WA | Actual | 1.6 <input checked="" type="checkbox"/> |
| NCC Climate zone | 5 < Help | | |
| Total Floor area (m ²) | 98 < Help | | |
| NCC Building classification | 1 | | |

| Equipment details | | Pools and spas | | | | | | | |
|--|--|----------------------------|----------------------|-----------------------------------|--|-----------------------------------|--|-----------------------|----------------------|
| Space heating/cooling | | Pools and spas | | | | | | | |
| If using a heat pump specify rating type > <input type="text" value="Star Rating (GEMS 2013)"/> | | Pool volume (L) | <input type="text"/> | | | | | | |
| <table border="1"> <thead> <tr> <th>Type</th> <th>Star Rating (2013)</th> </tr> </thead> <tbody> <tr> <td>Main space conditioning - HEATING</td> <td>Non-ducted heat pump < 3 < Help</td> </tr> <tr> <td>Main space conditioning - COOLING</td> <td>Non-ducted heat pump < 3 < Help</td> </tr> </tbody> </table> | | Type | Star Rating (2013) | Main space conditioning - HEATING | Non-ducted heat pump < 3 < Help | Main space conditioning - COOLING | Non-ducted heat pump < 3 < Help | Pool pump star rating | <input type="text"/> |
| Type | Star Rating (2013) | | | | | | | | |
| Main space conditioning - HEATING | Non-ducted heat pump < 3 < Help | | | | | | | | |
| Main space conditioning - COOLING | Non-ducted heat pump < 3 < Help | | | | | | | | |
| | | Spa volume (L) | <input type="text"/> | | | | | | |
| Water heating | | Photovoltaics | | | | | | | |
| Main water heater type | Heat pump (off peak) | Photovoltaic capacity (kW) | 0 | | | | | | |

Notes:

- This calculator automates the NCC whole-of-home energy usage requirements (Part 13.6 of the ABCB Housing Provisions and J3D14 of NCC Volume One).
- For the purposes of this calculator, floor area is measured within the inside face of the external walls of the sole-occupancy unit (SOU) and includes any conditioned attached Class 10a part.

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Nationwide House Energy Rating Scheme®

Class 2 Summary

NatHERS® Certificate No. 0012220350

Generated on 23 Sep 2025 using BERS Pro v5.2.6 (3.23)

Property

Address 40-44 Worley Street,
WILLAGEE , WA , 6156

Lot/DP Lot 50 DP -

NatHERS Climate Zone 13 Perth



Accredited assessor

Name Nathan Peart

Business name Ecoform Consulting Pty Ltd

Email admin@ecoform.com.au

Phone 08 9555 9444

Accreditation No. DMN/12/1488

Assessor Accrediting Organisation
Design Matters National

Verification

To verify this certificate, scan the QR code or visit hstar.com.au/QR/Generate?p=jahhzwLrl. When using either link, ensure you are visiting hstar.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 /p.a.] | Cooling load (load limit) [MJ/m ² /p.a.] | Total load [MJ/m ² /p.a.] | Star Rating | Whole of Home Rating |
|-------------------------------|-------------|---|---|--------------------------------------|-------------|----------------------|
| 0012216552-01 | 501 | 29.5 (61) | 34.4 (44) | 63.9 | 6.8 | 0 |
| 0012216669 | 502 | 22.1 (61) | 14.7 (44) | 36.8 | 8.3 | 0 |

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/p.a.)

Limits taken from ABCB Standard 2022

| | Heating | Cooling |
|------------------------|---------|---------|
| Modelled block average | 29.5 | 25.3 |
| Maximum block limit | 61.0 | 44.0 |

Whole of Home performance rating

No Whole of Home performance rating conducted for this summary certificate or not completed for all dwellings

Summary of all dwellings (continued)

| Certificate number and link | Unit Number | Heating load (load limit) [MJ/m ² /p.a.] | Cooling load (load limit) [MJ/m ² /p.a.] | Total load [MJ/m ² /p.a.] | Star Rating | Whole of Home Rating |
|-------------------------------|-------------|---|---|--------------------------------------|-------------|----------------------|
| 0012216701 | 503 | 23.1 (61) | 15.0 (44) | 38.1 | 8.3 | 0 |
| 0012216784 | 504 | 22.9 (61) | 14.7 (44) | 37.6 | 8.3 | 0 |
| 0012216883 | 505 | 23.1 (61) | 15.1 (44) | 38.2 | 8.3 | 0 |
| 0012216891 | 506 | 40.8 (61) | 22.4 (44) | 63.2 | 6.9 | 0 |
| 0012216917-01 | 507 | 45.3 (61) | 21.3 (44) | 66.6 | 6.7 | 0 |
| 0012216933 | 508 | 43.4 (61) | 23.4 (44) | 66.8 | 6.7 | 0 |
| 0012216958 | 509 | 25.5 (61) | 37.0 (44) | 62.5 | 6.9 | 0 |
| 0012219754 | 510 | 17.0 (61) | 17.3 (44) | 34.3 | 8.4 | 0 |
| 0012219770 | 511 | 17.5 (61) | 17.1 (44) | 34.6 | 8.4 | 0 |
| 0012219788 | 512 | 17.0 (61) | 17.3 (44) | 34.3 | 8.4 | 0 |
| 0012219838 | 513 | 18.8 (61) | 17.2 (44) | 36.0 | 8.4 | 0 |
| 0012219861 | 514 | 35.6 (61) | 27.2 (44) | 62.8 | 6.9 | 0 |
| 0012219895 | 515 | 48.7 (61) | 22.2 (44) | 71.0 | 6.4 | 0 |
| 0012219887 | 516 | 40.9 (61) | 26.4 (44) | 67.2 | 6.7 | 0 |
| 0012220000 | 517 | 23.9 (61) | 38.6 (44) | 62.5 | 6.9 | 0 |
| 0012220026 | 518 | 25.0 (61) | 32.0 (44) | 56.9 | 7.3 | 0 |
| 0012220059 | 519 | 26.3 (61) | 35.8 (44) | 62.1 | 6.9 | 0 |
| 0012220109 | 520 | 24.0 (61) | 30.5 (44) | 54.5 | 7.4 | 0 |
| 0012220158 | 521 | 26.3 (61) | 35.8 (44) | 62.1 | 6.9 | 0 |
| 0012220166 | 522 | 28.5 (61) | 34.4 (44) | 62.9 | 6.9 | 0 |
| 0012220174 | 523 | 39.7 (61) | 28.6 (44) | 68.3 | 6.6 | 0 |
| 0012220216 | 524 | 42.6 (61) | 29.5 (44) | 72.1 | 6.4 | 0 |

Explanatory notes

About this ratings

The thermal performance star rating in this Certificate is the average rating of all NCC Class 2 dwellings in an 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.

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.

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Nationwide House Energy Rating Scheme®

Class 2 Summary

NatHERS® Certificate No. 0012220350

Generated on 23 Sep 2025 using BERS Pro v5.2.6 (3.23)

Property

Address 40-44 Worley Street,
WILLAGEE , WA , 6156

Lot/DP Lot 50 DP -

NatHERS Climate Zone 13 Perth



Accredited assessor

Name Nathan Peart

Business name Ecoform Consulting Pty Ltd

Email admin@ecoform.com.au

Phone 08 9555 9444

Accreditation No. DMN/12/1488

Assessor Accrediting Organisation
Design Matters National

Verification

To verify this certificate, scan the QR code or visit hstar.com.au/QR/Generate?p=jahhzwLrl. When using either link, ensure you are visiting hstar.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 /p.a.] | Cooling load (load limit) [MJ/m ² /p.a.] | Total load [MJ/m ² /p.a.] | Star Rating | Whole of Home Rating |
|-----------------------------|-------------|---|---|--------------------------------------|-------------|----------------------|
| 0012220448 | 401 | 27.0 (61) | 36.6 (44) | 63.6 | 6.9 | 0 |
| 0012220489 | 402 | 17.8 (61) | 25.3 (44) | 43.1 | 7.9 | 0 |

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/p.a.)

Limits taken from ABCB Standard 2022

| | Heating | Cooling |
|------------------------|---------|---------|
| Modelled block average | 27.3 | 28 |
| Maximum block limit | 61.0 | 44.0 |

Whole of Home performance rating

No Whole of Home performance rating conducted for this summary certificate or not completed for all dwellings

Summary of all dwellings (continued)

| Certificate number and link | Unit Number | Heating load (load limit) [MJ/m ² /p.a.] | Cooling load (load limit) [MJ/m ² /p.a.] | Total load [MJ/m ² /p.a.] | Star Rating | Whole of Home Rating |
|-----------------------------|-------------|---|---|--------------------------------------|-------------|----------------------|
| 0012220547 | 403 | 21.6 (61) | 17.6 (44) | 39.2 | 8.2 | 0 |
| 0012220620 | 404 | 21.6 (61) | 17.6 (44) | 39.2 | 8.2 | 0 |
| 0012220646 | 405 | 27.1 (61) | 25.1 (44) | 52.2 | 7.5 | 0 |
| 0012221248 | 406 | 32.6 (61) | 17.2 (44) | 49.8 | 7.7 | 0 |
| 0012221255 | 407 | 24.6 (61) | 40.4 (44) | 65.0 | 6.8 | 0 |
| 0012221263 | 408 | 13.2 (61) | 27.3 (44) | 40.5 | 8.1 | 0 |
| 0012221271 | 409 | 26.6 (61) | 16.4 (44) | 43.1 | 7.9 | 0 |
| 0012221289 | 410 | 36.3 (61) | 14.4 (44) | 50.7 | 7.6 | 0 |
| 0012221305 | 411 | 22.4 (61) | 26.7 (44) | 49.1 | 7.7 | 0 |
| 0012221339 | 412 | 42.1 (61) | 23.7 (44) | 65.8 | 6.7 | 0 |
| 0012221354 | 413 | 33.5 (61) | 39.1 (44) | 72.7 | 6.4 | 0 |
| 0012221362 | 414 | 20.3 (61) | 42.0 (44) | 62.2 | 6.9 | 0 |
| 0012221396 | 415 | 27.1 (61) | 30.7 (44) | 57.8 | 7.2 | 0 |
| 0012221404 | 416 | 35.9 (61) | 28.5 (44) | 64.4 | 6.8 | 0 |
| 0012221420 | 417 | 24.5 (61) | 40.1 (44) | 64.7 | 6.8 | 0 |
| 0012221446 | 418 | 37.7 (61) | 34.7 (44) | 72.4 | 6.4 | 0 |

Explanatory notes

About this ratings

The thermal performance star rating in this Certificate is the average rating of all NCC Class 2 dwellings in an 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.

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.

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