

APOLLO NZ GLOBAL

CADARN APERTA

Retractable Aluminium Roof System

Standalone | Wall-Mounted | Roof-Only | Standard Sizes + Made to Measure

PRODUCT & PLANNING GUIDE | 2026

SYSTEM OVERVIEW

One retractable roof platform. Three ways to support it.

APERTA physically retracts the aluminium louvres to create a substantially open-sky condition rather than only rotating blades within the roof plane.

01

Standalone / Freestanding

Independent post-and-beam configuration. Final post count and support arrangement follow the selected size and project review.

02

Wall-Mounted

Rear connection to the building with the front-support, fixing and flashing interfaces resolved for the project.

03

Roof-Only

Retractable roof integrated into a suitable existing structure. Existing geometry, fixing faces and support capacity must be reviewed.

04

Standard + Custom

Seven promoted nominal standard sizes make quoting simple. Made-to-measure remains available where the project needs a different footprint.



STANDARD SIZES

Standard first. Made to measure when the opening needs it.

Apollo presents simple nominal sizes publicly. Exact factory production dimensions are confirmed in the final order schedule.

3 × 3 m

Compact terraces / outdoor rooms

4 × 3 m

Popular rectangular residential format

4 × 4 m

Square dining / entertaining format

5 × 3 m

Longer 3 m-depth format

5 × 4 m

Large residential / hospitality format

6 × 3 m

Long terrace / extended outdoor zone

6 × 4 m

Largest promoted standard size

MADE TO MEASURE

Custom dimensions remain available as a project pathway.

Final production size remains subject to the retractable module, support arrangement and current factory dimensional limits.

ROOF MOVEMENT

Closed. Partially retracted. Open sky.

When fully retracted, the stacked louvres occupy approximately 30% of the roof depth at one end.

Roof operation



Closed



Partially retracted



Fully retracted

Approx. 30% stacked when fully retracted

COLOUR PATHWAYS

Black. White. Or mix the two.

Black and White are standard colour directions and can be mixed within one APERTA system. FlaxPod Matt remains a project option subject to confirmation.



Black frame + White louvres

Standard mixed-colour combination.



White frame + White louvres

Full White standard finish.

Current confirmed project-planning data.

Apollo publishes the verified planning information now and holds back hard engineering claims that are still being reconfirmed with the current supplier documentation.

Confirmed system data

- Motorised retractable aluminium-blade roof
- Standalone / freestanding, wall-mounted and roof-only configurations
- 150 × 150 × 2.0 mm freestanding post reference
- 181 × 40 × 1.2 mm retractable blade reference
- 220 V motor + receiver + remote-control pathway
- Warm-white perimeter LED included
- Integrated gutter / drainage pathway
- Approximately 30% roof depth occupied by stacked louvres when fully retracted

Project checks before order

- Confirm structural support, slab / footing, wall or existing frame before manufacture
- Confirm the final production dimensions and support arrangement in the order schedule
- Confirm power route and final electrical connection
- Nominate the final drainage discharge route
- Coordinate screens / sensing / RGB lighting only where current availability is confirmed
- Local engineering, approvals and installation remain project-specific unless expressly included

SUPPLY SCOPE

A clear system package, with local works separated early.

CADARN APERTA is supplied as a configured product package. Site-specific building, engineering and installation work remains with the local project team unless expressly included in writing.

APERTA SYSTEM SUPPLY

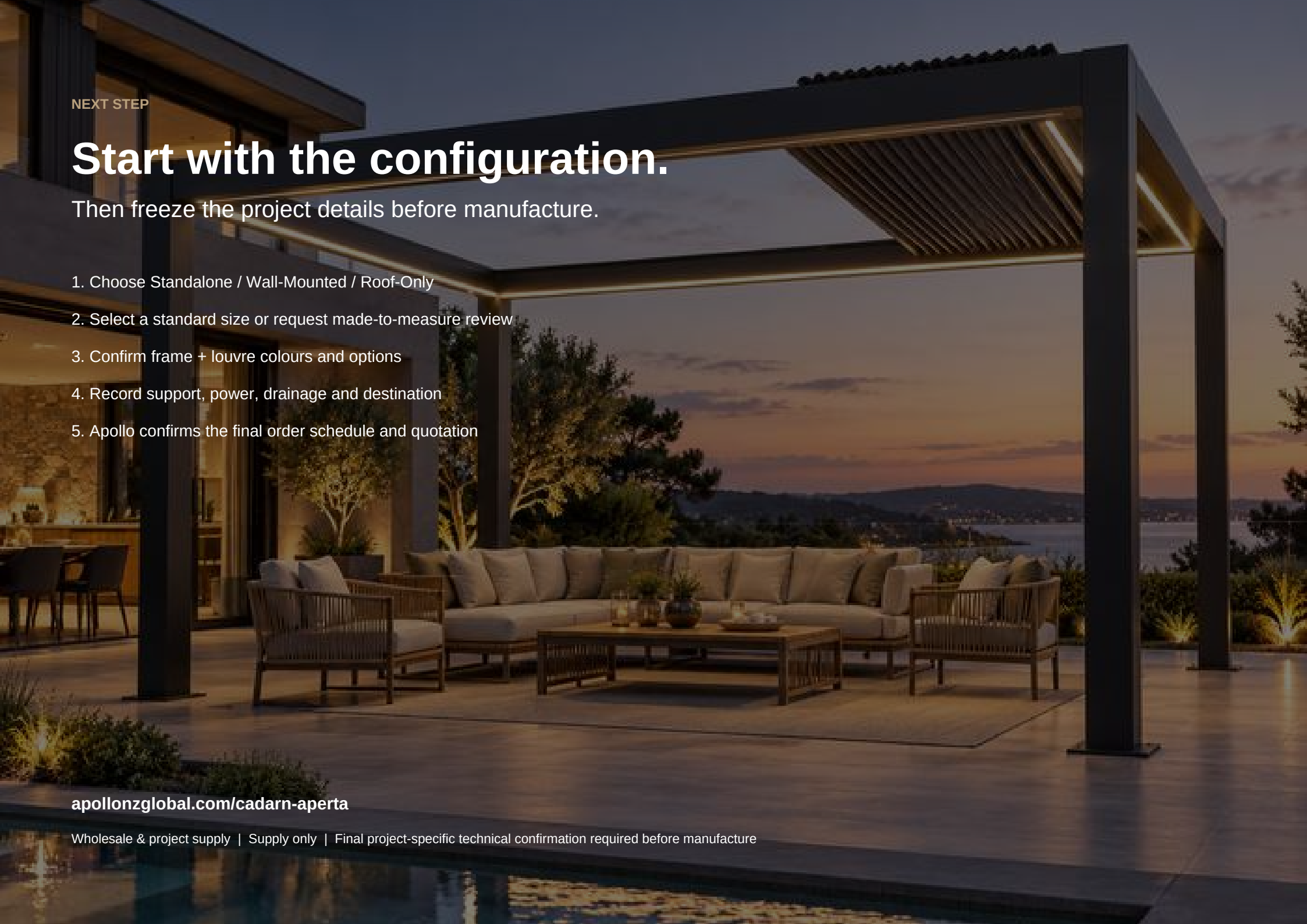
What can be included

Configured aluminium frame/support components; retractable aluminium louvre roof components; motor, receiver and remote; warm-white perimeter LED; integrated gutter/drainage components; specified hardware; confirmed ordered accessories; current supplied documentation for the final configuration.

LOCAL / PROJECT WORKS

What normally stays local

Foundations, slabs and structural strengthening; assembly/installation; electrical supply and final connection; final drainage connection; wall flashing and weatherproofing; local engineering and approvals; unloading, lifting and site handling unless expressly quoted.



NEXT STEP

Start with the configuration.

Then freeze the project details before manufacture.

1. Choose Standalone / Wall-Mounted / Roof-Only
2. Select a standard size or request made-to-measure review
3. Confirm frame + louvre colours and options
4. Record support, power, drainage and destination
5. Apollo confirms the final order schedule and quotation

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Wholesale & project supply | Supply only | Final project-specific technical confirmation required before manufacture