

Thenow Air Australasia

Installation Guidelines Thenow Air Wine Cellar Units



IMPORTANT INSTALLATION NOTES

Thenow Air Wine Cellar Cooling Units

1. Insulation Requirements

Proper insulation is essential when building a wine cellar. Traditional materials such as brick, concrete, and glass do **not** provide adequate insulation.

Failure to insulate will place excessive load on the cooling system and **void the manufacturer's warranty**.

Cellars **must** be insulated with **Kingspan K17/K18** or an equivalent insulation panel.

Insulation (Walls, Ceiling & Floor)

- Proper insulation is essential for maintaining stable temperature and preventing condensation and long-term moisture damage.
- Our recommendation **Kingspan Kooltherm rigid insulation** (or equivalent), minimum 50mm thick (e.g., K17 Insulated Plasterboard = 60mm total, R-value = R2.35).
- Install insulation **in front of wall studs and under ceiling joists** to form a **continuous membrane—not between framing**. Apply this method to all structures including bulkheads and corners.
- Joints must be square-cut, tightly fitted, and adhesively bonded.
- Where underfloor heating exists outside the cellar, include a **thermal break** around the perimeter.

3. Doors

Use solid or engineered timber, insulated panel, or glazed doors with appropriate timber or metal framing.

2. Glass Specification

Any doors, windows, or panels must be **double glazed and argon gas filled** (minimum 6mm/12mm/6mm).

Single glazing is not suitable due to poor thermal performance.

For humid areas such as **Northern NSW and QLD**, it is **highly recommended** to install **heated glazing, triple glazing or thermally broken frames** to prevent condensation issues.

4. Cellar Volume Capacity

The total volume (m³) of the cellar **must not exceed** the maximum capacity the unit is engineered to service.

5. Gas Pipe Run

Refer to the **User Manual** for horizontal and vertical pipe run specifications. These measurements must be followed exactly to ensure proper system performance.

6. Internal Equipment Restrictions

No heat-generating equipment (e.g. fridges) should be installed in the cellar. These appliances compromise temperature and humidity control and may impair system function.

7. Licensed Installation Requirements

All trades involved in the installation must be fully licensed and registered:

- HVAC Technician
- Plumber
- Electrician

8. Access & Maintenance

Units must be installed according to the guidelines to allow adequate access for **future maintenance** of both indoor and outdoor components.

Inaccessible installations may affect future service and **void portions of the warranty**.

WARRANTY INFORMATION

WARRANTY

Thenow Company provides the following warranty coverage from the date of delivery:

Entire unit:	1 year
Fan:	2 years
Compressor:	3 years

During the warranty period, any defects resulting from faulty workmanship or materials will be repaired or replaced by Thenow free of charge.

Important:

Damage caused by dust, corrosive liquids, improper installation, misuse, abuse, neglect, or any reason not related to the machine's original quality is not covered under warranty.