

AHL-150 Building Product Information Sheet

Version 1.1 – Issued 20/09/24

Product

Product name	Acoustic Horizontal Louvre
Product type	Acoustic Louvre
Product Identifiers	AHL-150

Product description and intended use

- The AHL-150 is a model of Acoustic louvre designed for use as either an intake, exhaust, or passive air movement device.
- The AHL-150 is available in either a 25mm or 40mm flanged frame or channel frame.
- Each louvre is fabricated to the required width and height dimensions for each job.
- The AHL can also be fitted with sound traps on the rear to increase the acoustic performance.
- Each AHL series louvre comes standard with a powder coat finish from the Dulux Duralloy range. Other finishes can be accommodated but come at additional cost.

Relevant NZBC clauses

- Clause B2 Durability: Performance B2.3.1 (c) 5 Years
- Clause E2 External Moisture: Performance E2.3.2, E2.3.3
- Clause H1 Energy Efficiency: Performance H1.3.6

Contributions to compliance with NZBC

- **B2:** The lifespan of the AHL-150 will vary based on the environment it is installed in. For a standard HVAC installation, the AHL-150 would provide a durability of a minimum of 5 years. Holyoake provides a 5-year warranty with all our outdoor louvres. Excessively corrosive or harmful environments or exposure to fire, heat or water will reduce the lifespan of the AHL-150.
- **E2:** Holyoake offer untested installation details to E2 which include the use of head and sill flashings. Installation must consider limiting water ingress as much as possible. The polyester acoustic insulation used is extremely hydrophobic which eliminates any likelihood of absorbing groundwater.
- **H1:** When installed in a commercial building and used as an intake louvre, the AHL-150 must be designed to have a maximum pressure drop of 50 Pa.

Conditions and limitations of use

- The AHL-150 should be specified by a suitably qualified mechanical based on the required air performance along with acoustic performance.
- The AHL-150 should be installed by a suitably qualified and trained tradesperson.

Warnings and bans

The AHL-150 is **not** subject to a warning or ban under section 26 of the Building Act 2004.

Installation details and product datasheet

The AHL-150 product datasheet and installation details for multiple different wall or floor construction types can be found on our [website](#).

Maintenance requirements

There are no specific maintenance requirements other than ensuring that the louvre is free of obstructions or debris.

Manufacturer details

Manufacture location	New Zealand
Manufacturer legal and trading name	Price Holyoake (NZ) Ltd T/A Holyoake Air Management Solutions by Price
Manufacturer NZBN	9429048831215
Manufacturer website	Holyoake.com
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Wellington office email	Wellington@holyoake.com
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Christchurch office email	Christchurch@holyoake.com
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Declaration

Price Holyoake (NZ) Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Version History

Version number	Completed by	Date issued	Changes from previous document
V1.0	ST	11/06/24	First issue
V1.1	ST	20/09/24	Updated Christchurch Address and website URL