

LD/LF Building Product Information Sheet

Version 1.0 – Issued 11/06/24

Product

Product name	LD/LF
Product type	Linear Bar Diffuser
Product Identifiers	LD/LDH/LDHF/LDH-CF/LD-PMF/LD-SD/LF-PMF/LF-SD-PMF

Product description and intended use

- The LD and LF are models of aluminium linear bar diffusers which are available with a range of blade thicknesses, blade spacing, blade deflection, construction, and flange styles. All diffusers are made from extruded aluminium. All LDs are designed for sidewall applications except for the LDHF and LDH-CF which are designed for floor and computer floor applications respectively.
- All diffusers are available in either a mill or powder coat finish from the factory.
- Each unit is custom fabricated to the exact width and height dimensions required.
- Mitred corners both inside and outside are available on the standard LD upon request.
- PMF variants have a plaster mounting frame accessory for a flangeless installation into plasterboard walls.
- LD or LF variants with the SD suffix incorporate adjustable rear blades to provide an extra degree of control over the resulting throw patterns.
- Optional rear opposed blade dampers are available and custom made to order.

Relevant NZBC clauses

- Clause B2 Durability: Performance B2.3.1 (c) 5 Years
- Clause H1 Energy Efficiency: Performance H1.3.6

Contributions to compliance with NZBC

- **B2:** The lifespan of the LD will vary based on the environment it is installed in. For a standard HVAC installation, the LD would provide a durability of a minimum of 5 years. Excessively corrosive or harmful environments or exposure to fire, heat or water will reduce the lifespan of the LD.
- **H1:** When installed in a commercial building as a supply diffuser the LD must be designed to have a maximum pressure drop of 40Pa.
- **H1:** When installed in a commercial building as an exhaust grille the LD must be designed to have a maximum pressure drop of 30Pa.

Relevant standards

- N/A

Conditions and limitations of use

- The LD should be specified by a suitably qualified engineer.
- The LD should be installed by a suitably qualified and trained tradesperson.

Warnings and bans

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

Installation details and product datasheet

The LD product datasheets and installation details can be found on our [website](#).

Maintenance requirements

N/A

Manufacture details

Manufacture location	New Zealand
Manufactured by	Price Holyoake (NZ) Ltd T/A Holyoake Air Management Solutions by Price
Manufacturer NZBN	9429048831215
Manufacturer website	Holyoakebyprice.nz
Auckland address for service	67 Greenmount Drive, East Tamaki, Auckland 2013
Auckland office email	Auckland@holyoake.com
Auckland office phone number	(09) 274 4144
Wellington address for service	89 Main Road, Tawa, Wellington 5028
Wellington office email	Wellington@holyoake.com
Wellington office phone number	(04) 232 2722
Christchurch address for service	27 Waller Terrace, Addington, Christchurch 8011
Christchurch office email	Christchurch@holyoake.com
Christchurch office phone number	(03) 366 6545

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	Written by	Date issued	Changes from previous document
V1.0	ST	11/06/24	First issue