

ECO Diffuser Building Product Information Sheet

Version 1.0 – Issued 11/06/24

Product

Product name	ECO Diffuser
Product type	Round Ceiling Diffuser
Product Identifiers	ECO-M, ECO-A, ECO-R

Product description and intended use

- The ECO line of diffusers is made from an engineering polymer and are available in either manual, automatic or return variations.
- The manual variation allows for control of the airflow by adjusting the central cone up and down by hand.
- The automatic variation includes a bimetallic spring to throw air downwards during heating.
- The return variation is designed to reduce the pressure drop in return applications.
- All ECO diffusers are available only in a standard white finish.
- The ECO series includes automatic snap over legs for easy installation.

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

Relevant standards

- N/A

Conditions and limitations of use

- ECO Diffusers should be specified by a suitably qualified engineer.
- ECO Diffusers should be installed by a suitably qualified and trained tradesperson.

Warnings and bans

The ECO line of diffusers are **not** subject to a warning or ban under section 26 of the Building Act 2004.

Installation details and product datasheet

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

Maintenance requirements

N/A

Manufacture details

Manufacture location	China
Imported by	Price Holyoake (NZ) Ltd T/A Holyoake Air Management Solutions by Price
Importer NZBN	9429048831215
Importer 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