

# ECO Diffuser Building Product Information Sheet

Version 1.1 – Issued 20/09/24

## Product

<b>Product name</b>	ECO Diffuser
<b>Product type</b>	Round Ceiling Diffuser
<b>Product Identifiers</b>	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

<b>Manufacture location</b>	China
<b>Imported by</b>	Price Holyoake (NZ) Ltd T/A Holyoake Air Management Solutions by Price
<b>Importer NZBN</b>	9429048831215
<b>Importer website</b>	<a href="http://Holyoake.com">Holyoake.com</a>
<b>Auckland address for service</b>	67 Greenmount Drive, East Tamaki, Auckland 2013
<b>Auckland office email</b>	Auckland@holyoake.com
<b>Auckland office phone number</b>	(09) 274 4144
<b>Wellington address for service</b>	89 Main Road, Tawa, Wellington 5028
<b>Wellington office email</b>	Wellington@holyoake.com
<b>Wellington office phone number</b>	(04) 232 2722
<b>Christchurch address for service</b>	81 Treffers Road, Wigram, Christchurch 8042
<b>Christchurch office email</b>	Christchurch@holyoake.com
<b>Christchurch office phone number</b>	(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

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