

# CPS/CPR Building Product Information Sheet

Version 1.1 – Issued 20/09/24

## Product

<b>Product name</b>	Perforated Supply/Return Diffuser
<b>Product type</b>	Perforated Ceiling Diffusers
<b>Product Identifiers</b>	CPS/CPR

## Product description and intended use

- The CPS and CPR are perforated diffusers designed for ceiling applications. The CPS is the supply variant with concealed adjustable pattern controller on the rear which can be arranged to get any throw direction and combination required. The CPR is the return variation and has the same basic construction but excludes the pattern controllers.
- Both diffusers comprise of a perforated face plate mounted in a removable core frame, which blends suitably into ceiling types.
- Both are compatible with our OBD and sheet metal cushion head boxes.
- Exact neck sizes include 300 x 300mm up to 600 x 600mm.

## 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 CPR will vary based on the environment it is installed in. For a standard HVAC installation, the CPR 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 CPR.
- **H1:** When installed in a commercial building as a supply diffuser the CPS must be designed to have a maximum pressure drop of 40Pa.
- **H1:** When installed in a commercial building as a Return diffuser the CPR must be designed to have a maximum pressure drop of 30Pa.

## Relevant standards

- N/A

## Conditions and limitations of use

- The CPS/CPR should be specified by a suitably qualified engineer.
- The CPS/CPR should be installed by a suitably qualified and trained tradesperson.

## Warnings and bans

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

## Installation details and product datasheet

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

## Maintenance requirements

N/A

## Manufacture details

**Manufacture location**  
**Manufactured by**

New Zealand  
Price Holyoake (NZ) Ltd T/A Holyoake Air  
Management Solutions by Price  
9429048831215  
[Holyoake.com](http://Holyoake.com)

**Manufacturer NZBN**  
**Manufacturer website**

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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

<b>Version number</b>	<b>Created by</b>	<b>Approved by</b>	<b>Date issued</b>	<b>Changes from previous document</b>
V1.0	HF	ST	17/06/24	First issue
V1.1	ST	ST	20/09/24	Updated Christchurch Address and website URL