

CPS/CPR Building Product Information Sheet

Version 1.0 – Issued 17/06/24

Product

Product name	Perforated Supply/Return Diffuser
Product type	Perforated Ceiling Diffusers
Product Identifiers	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	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
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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	Created by	Approved by	Date issued	Changes from previous document
V1.0	HF	ST	17/06/24	First issue