

CPSHS Building Product Information Sheet

Version 1.0 – Issued 17/06/24

Product

Product name	Perforated Supply Diffuser – High Secure
Product type	Perforated Ceiling Diffusers
Product Identifiers	CPSHS

Product description and intended use

- The CPSHS Perforated Supply Diffuser High Secure is designed for highly secure, heavy-duty construction for a medium to high level of security for prisons, detention centres and holding cells.
- The CPSHS has 2mm diameter holes for 40% free area, supplied with a 1.2mm thick perforated stainless steel diffusion plate. Fixings include neck clamping flanges.
- Compatible with our premi-aire or sheet metal 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 CPSHS will vary based on the environment it is installed in. For a standard HVAC installation, the CPSHS 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 CPSHS.
- **H1:** When installed in a commercial building as a supply diffuser the CPSHS must be designed to have a maximum pressure drop of 40Pa.
- **H1:** When installed in a commercial building as a return diffuser the CPSHS must be designed to have a maximum pressure drop of 30Pa.

Relevant standards

- N/A

Conditions and limitations of use

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

Warnings and bans

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

Installation details and product datasheet

The CPSHS 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
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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	Created by	Approved by	Date issued	Changes from previous document
V1.0	HF	ST	17/06/24	First issue