

TLC Building Product Information Sheet

Version 1.1 – Issued 20/09/24

Product

Product name	Curved Frame Deflection Grilles – Duct Mounted
Product type	Duct Mounted Grilles
Product Identifiers	TLC-DD/TLC-SD/TLC-EL

Product description and intended use

- The TLC is a variation of the regular single/double deflection grilles (SD/DD) and the eyelash diffusers (EL) that have been curved to suit mounting directly on round ductwork.
- The TLC is constructed from aluminium and is available in either mill finish or a powder coat finish.
- The minimum size is 300 wide by 150 high and is required to have a minimum duct diameter of 300mm.
- The maximum nominal grille width is 600mm.
- The minimum duct diameter is always 2x the listed nominal height of the diffuser.
- Due to the reduction in free area resulting from the curving of the face, the product must be selected from the SD/DD/EL data with a “selection size” that is 50mm less than the nominal size.

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

Relevant standards

- N/A

Conditions and limitations of use

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

Warnings and bans

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

Installation details and product datasheet

The TLC 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
Importer NZBN	9429048831215
Importer website	Holyoake.com
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	81 Treffers Road, Wigram, Christchurch 8042
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	Date issued	Changes from previous document
V1.0	ST	12/06/24	First issue
V1.1	ST	20/09/24	Updated Christchurch Address and website URL