

AIRFOIL



GRILLES
DUCT
FITTINGS

making it happen sooner...



**AUSTRALIAN MADE
AND OWNED**



Quality
Endorsed
Company

ISO 9001



**ARCHITECTURAL
LOUVRED DOOR**

ALD-50



ARCHITECTURAL LOUVRED DOOR ALD-50

PRODUCT DESCRIPTION AND APPLICATION

Airfoil's Australian-Made Architectural Louvred Door (ALD-50) is meticulously crafted from premium 3mm aluminium extrusion, ensuring robust durability and an elegant appearance. Rigorously tested for superior weather resilience, this door is engineered to effectively shield against outdoor elements while minimising rainwater infiltration under normal climatic conditions.

Featuring stainless steel hinges and customisable door handles, the Architectural Louvred Door offers versatility in installation, whether hinged to an existing doorway or accompanied by an optional door frame crafted by Airfoil.

With a generous 65mm blade spacing, the ALD-50 serves both intake and return air applications, providing an approximate free area of 55%. Its welded outer C channel frame, sized at 25mm x 50mm x 25mm, is primarily manufactured in a discreet "turned in" position, concealing blades within the frame. However, alternate frame configurations are available upon request. Additionally, the ALD-50 includes standard vermin mesh fitted to the rear for pest management.

For added customisation, the Architectural Door Frame can be tailored to any size and is available in our Natural Anodised Silver finish or can be powder-coated in any desired color. This product is ideal for outdoor commercial settings where weather protection is essential.

Contact our knowledgeable sales team for expert guidance on customising your Architectural Louvred Door to perfection.

ARCHITECTURAL LOUVRED DOOR ALD-50

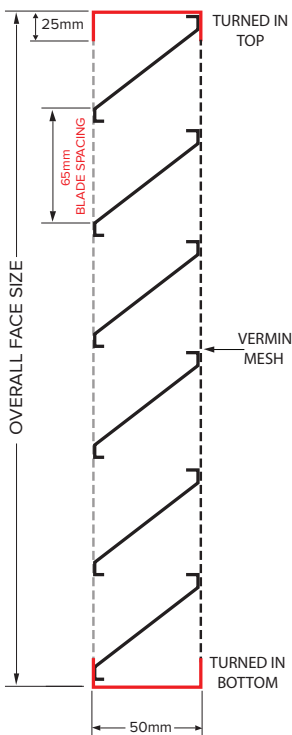
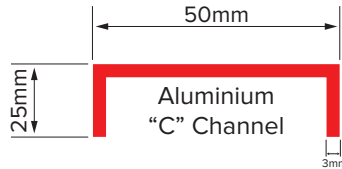
PRODUCT SPECIFICATIONS AND INFORMATION

- **Product ordering code – ALD-50**
- Australian Made
- Aluminium Construction
- Manufactured to any size
- Order by blade length **first** then by height
- Suitable for both intake and return air applications
- Medium 65mm blade spacing
- C Channel frame is 25mm x 50mm deep x 25mm
- Frame is manufactured in a “turned-in” position’
- Different frame configurations are available
- 55% free area
- Comes with accompanying hinges and door handles
- Available with optional outer frame
- Designed to minimise the ingress of rainwater in all normal climactic conditions
- Standard vermin mesh fitted to the rear of the grille for pest control management purposes
- Comes standard in our Natural Anodised silver finish
- Special powder-coating colours available upon request
- Suitable for any outdoor commercial purpose where weather protection is paramount
- Airfoil tested information available
- **The following metric performance data has been derived from exhaustive testing in elaborate laboratories of acoustic and vibrational engineers Louis A. Challis and Associates Proprietary Limited. Darling Street, Sydney 2000**



ARCHITECTURAL LOUVRED DOOR ALD-50

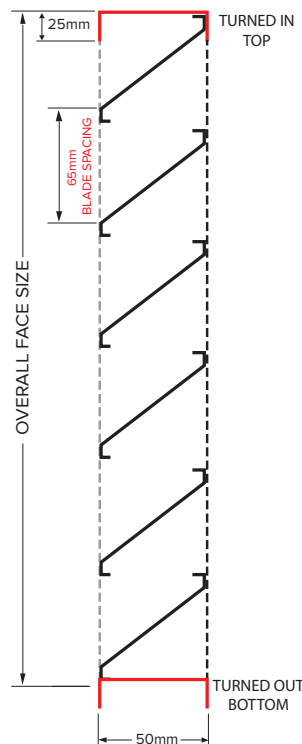
CROSS SECTIONAL DIAGRAM



OPTION 1:
CHANNEL TURNED IN
TOP AND BOTTOM

SIDE CHANNEL OPTIONAL
TURN IN OR OUT

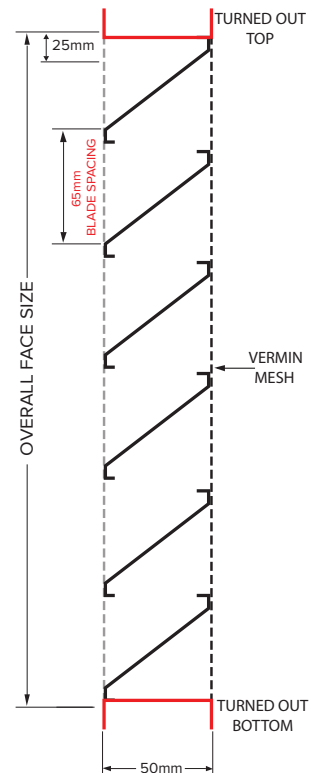
ORDERING CODE
ALD-50-1



OPTION 2:
CHANNEL TURNED IN (TOP)
AND OUT (BOTTOM)

SIDE CHANNEL OPTIONAL
TURN IN OR OUT

ORDERING CODE
ALD-50-2



OPTION 3:
CHANNEL TURNED OUT
TOP AND BOTTOM

SIDE CHANNEL OPTIONAL
TURN IN OR OUT

ORDERING CODE
ALD-50-3

**OPTIONAL DOOR FRAME TO SUIT ARCHITECTURAL LOUVRED DOOR AVAILABLE, PLEASE SPEAK TO OUR EXPERIENCED SALES TEAM FOR FURTHER ASSISTANCE WHEN ORDERING.



DISCLAIMER:

All product designs, data sheets and specifications presented herein are the intellectual property of Airfoil Manufacturing Pty Ltd. These designs and specifications, including but not limited to diagrams, drawings, and performance data, are protected under Australian intellectual property laws. No part of these designs and specifications may be copied, reproduced, distributed, or transmitted in any form or by any means without the prior written permission of Airfoil Manufacturing Pty Ltd. Unauthorised use or reproduction of these materials may result in legal action under Australian copyright and intellectual property laws.