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**NON RETURN DAMPER
NRD**



NON RETURN DAMPER NRD

PRODUCT DESCRIPTION AND APPLICATION

Airfoil's Australian Made Non-Return Damper (NRD) is crafted from premium 2mm extruded aluminium, ensuring optimal strength and rigidity. Designed to mitigate backdraft in air conditioning and exhaust ventilation systems, the NRD offers reliable performance.

With an outer flange size of 35mm and a frame depth of 152mm, the damper features lightweight 1mm aluminium blades for enhanced responsiveness. These blades are internally situated within the damper and are secured by precision-engineered brass bushes, facilitating smooth opening and closing even under varying air velocities. Additionally, the blades incorporate centred support linkages to ensure uniform functionality.

Available in custom sizes, the Non-Return Damper (NRD) is ordered based on its "Airway Size" measurement. The 35mm outer frame is compatible with square or rectangular ductwork, simplifying the installation process.

Airfoil's Australian-Made Non Return Damper underwent rigorous testing to meet all requirements, making it the perfect choice for airflow control in commercial air handling systems.

NON RETURN DAMPER NRD

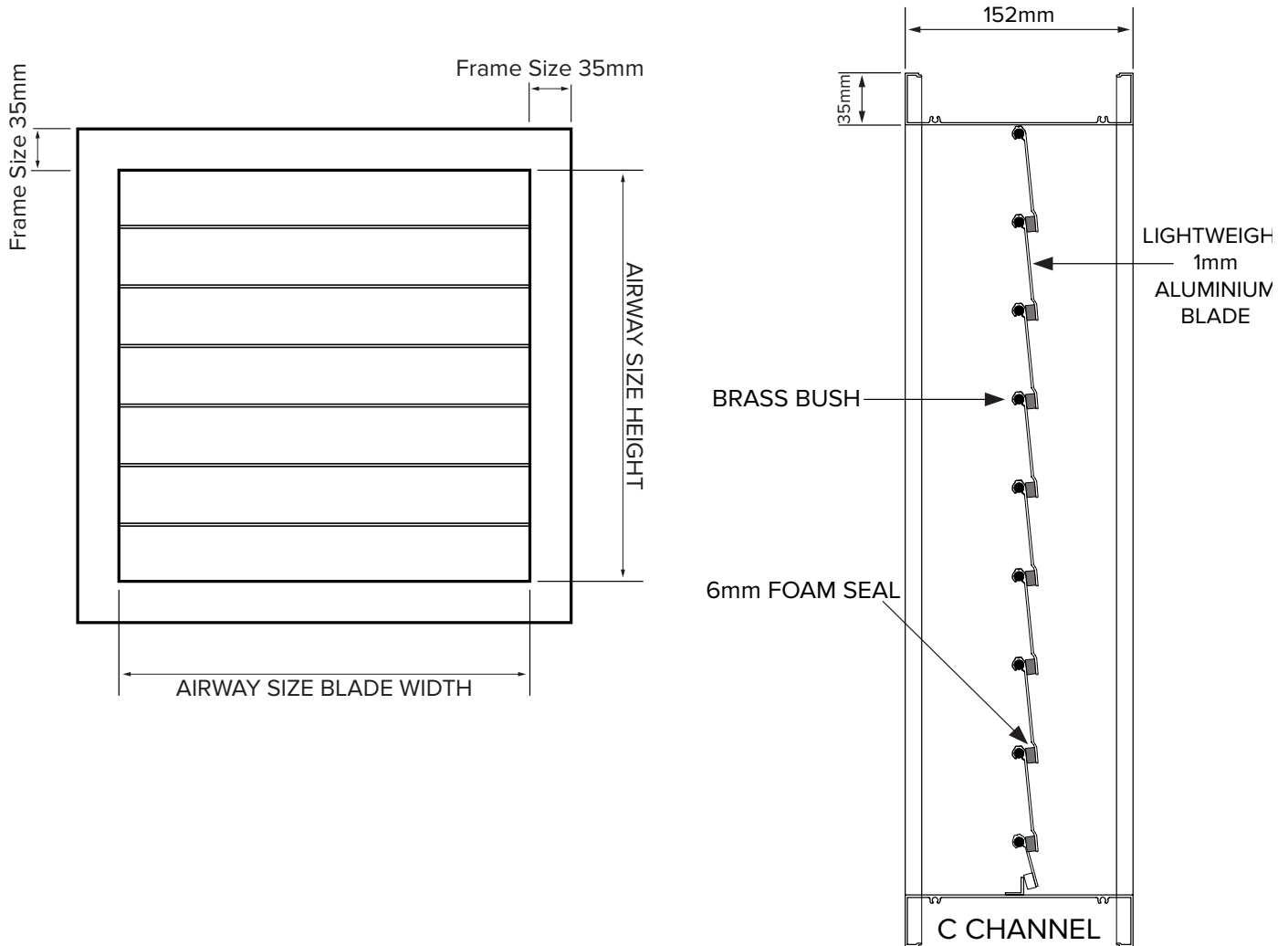
PRODUCT SPECIFICATIONS AND INFORMATION

- **Product ordering code – NRD**
- Australian Made
- Aluminium Construction
- Order **“Airway Size”**
- Manufactured to any airway size
- Product designed to reduce the backdraft of air through air conditioning and exhaust ventilation systems
- Frame Depth 152mm
- Outer 35mm Frame manufactured from 2mm extruded aluminium ensuring strength and rigidity.
- 1mm light weight stacked aluminium blades ensures maximum damper responsiveness
- 6mm foam seal fitted on each individual blade for protection and acoustic purposes
- Blade size typical to specified airway size
- Blades function within engineered brass bushes
- For larger dampers, the NRD comes complete with metal support linkages for uniform opening and closing purposes
- Fitted to square or rectangular ductwork
- Airfoil tested information available



NON RETURN DAMPER NRD

CROSS SECTIONAL DIAGRAM



DISCLAIMER:

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NON RETURN DAMPER NRD

PERFORMANCE DATA

NON RETURN DAMPER (NRD) – PRESSURE DROP

