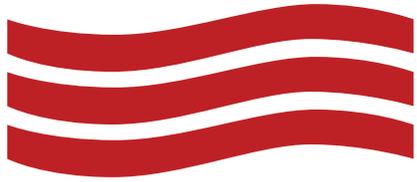


# AIRFOIL



GRILLES  
DUCT  
FITTINGS

*making it happen sooner...*



Quality  
Endorsed  
Company  
ISO 9001  
 SAI GLOBAL



**METAL LINEAR PLENUM BOOT**  
**LB**



## METAL LINEAR PLENUM BOOT LB

### PRODUCT DESCRIPTION AND APPLICATION

Airfoil's Australian Made Metal Linear Plenum Boot (LB) is meticulously crafted from premium 0.55mm Australian Galvanised sheet metal. Utilised in both Supply Air and Return Air functions, the Linear Plenum Boot offers both Side or Top Entry spigot placements depending on its application.

The Side Entry spigot placement is adjacent to the Open End on the plenum's Long Side. While its Top Entry position is located Opposite to the Plenum's Open End. The Linear Plenum Boot has the option of being manufactured as a **Stepped Linear Plenum Boot (SLB)**. The step return in the plenum allows for thicker insulation to be concealed within the plenum and not exposed.

The Metal Linear Plenum Boot also has the option of being manufactured in Airfoils' **"H" Section (LB-H)** enabling the Plenum to be positioned and installed at any interval allowing for both Supply and Return Air options when designing the Air Conditioning System. Available in a range of options, the Linear Plenum Boot can be tailored to suit specific needs.

Whether opting for an uninsulated (Plain) version or selecting from a variety of standard insulation types such as 5mm or 10mm Rubber, 13mm or 25mm Polyester, or 13mm or 25mm Black-faced Fibreglass and 25mm Perforated Black-faced Fibreglass, Airfoil provides flexibility to meet diverse requirements. Additionally, custom insulation options are available upon request to cater to unique specifications.

Designed to seamlessly integrate with Airfoils' **Linear Slot and Bar Grille range**, this quality Linear Plenum Boot ensures compatibility and efficiency. Suitable for both commercial and domestic settings, where thermal and acoustic requirements are paramount, it stands as a testament to Airfoil's commitment to excellence in Sheet Metal solutions.

## METAL LINEAR PLENUM BOOT LB

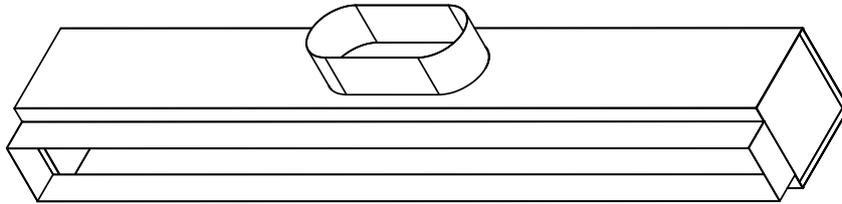
### PRODUCT SPECIFICATIONS AND INFORMATION

- **Product ordering code – LB**
- Australian Made and Designed
- Manufactured from 0.55mm Australian galvanised steel
- Custom boot heights manufactured to suit grille requirements
- Optional **Stepped Linear Plenum Boot (SLB)**
- Option **“H” Section Linear Plenum Boot (LB-H)**
- **Top Entry** and **Side Entry** spigot placements available on request
- Used for supply and return air heating and cooling
- Mounted behind grille
- Acoustic qualities
- Thermal qualities
- Available in Plain, Rubber (5mm/10mm), Polyester (13mm/25mm), Black-faced Fibreglass (13mm/25mm) or Perforated Black-faced Fibreglass (25mm)
- Spigot sizes available are 100mm, 150mm, 200mm, 250mm, 300mm, 350mm, 400mm, 450mm, 500mm, 550mm and 600mm diameters
- Customised oval spigots available to suit varying boot height restrictions
- Suitable for both commercial and domestic settings
- Airfoil information available

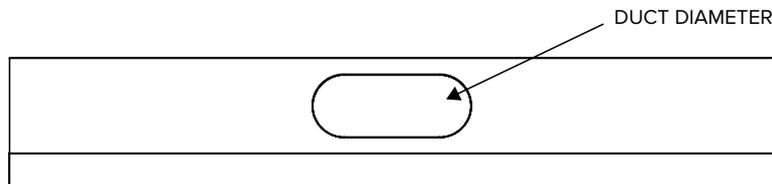


## METAL LINEAR PLENUM BOOT LB

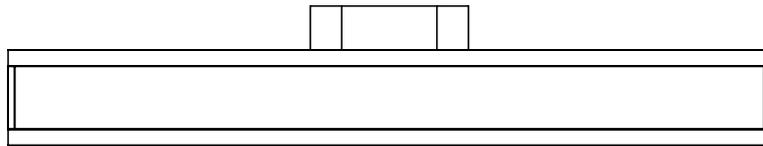
### CROSS SECTIONAL DIAGRAM



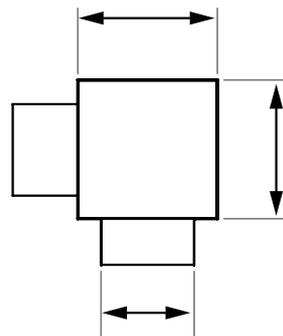
STEPPED LINEAR PLENUM BOOT (SLB)



SIDE PROFILE



TOP PROFILE



END PROFILE

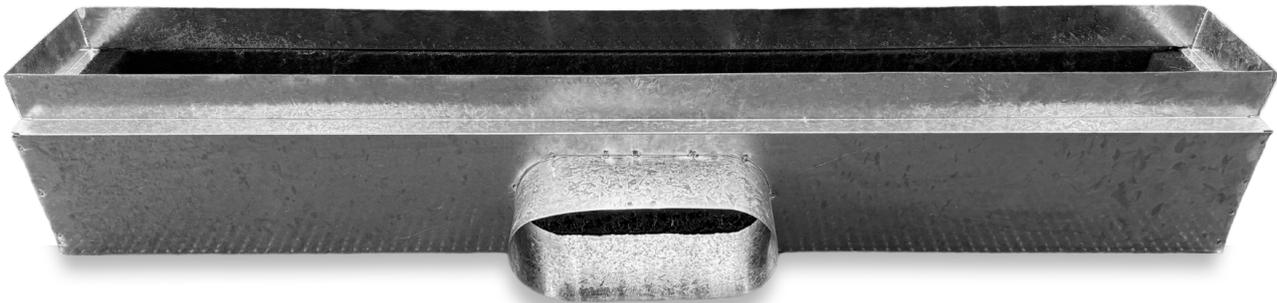


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## METAL LINEAR PLENUM BOOT LB

LINEAR BOOT TYPES



STEPPED LINEAR PLENUM BOOT (SLB)



STANDARD LINEAR PLENUM BOOT (LB)

## METAL LINEAR PLENUM BOOT LB

### METAL LINEAR PLENUM BOOT OPENING SIZES – LINEAR SLOT RANGE (25mm)

PRODUCT CODE LINEAR SLOT DIFFUSER (25mm)	SLOT	SLOT WIDTH	BOOT OPENING SIZE LB & SLB
LSD1-25	1	25mm	50mm
LSD2-25	2	25mm	100mm
LSD3-25	3	25mm	145mm
LSD4-25	4	25mm	195mm
LSD5-25	5	25mm	240mm
LSD6-25	6	25mm	280mm
LSD7-25	7	25mm	325mm
LSD8-25	8	25mm	370mm

### METAL LINEAR PLENUM BOOT OPENING SIZES – LINEAR SLOT RANGE (20mm)

PRODUCT CODE LINEAR SLOT DIFFUSER (20mm)	SLOT	SLOT WIDTH	BOOT OPENING SIZE LB & SLB
LSD1-20	1	20mm	45mm
LSD2-20	2	20mm	85mm
LSD3-20	3	20mm	125mm
LSD4-20	4	20mm	165mm
LSD5-20	5	20mm	200mm
LSD6-20	6	20mm	240mm
LSD7-20	7	20mm	280mm
LSD8-20	8	20mm	315mm

## METAL LINEAR PLENUM BOOT LB

### METAL LINEAR PLENUM BOOT OPENING SIZES - REMOVABLE CORE LINEAR SLOT RANGE (25MM)

PRODUCT CODE LINEAR SLOT DIFFUSER (25mm)	SLOT	SLOT WIDTH	BOOT OPENING SIZE LB & SLB
RCLSD1-25	1	25mm	70mm
RCLSD2-25	2	25mm	115mm
RCLSD3-25	3	25mm	160mm
RCLSD4-25	4	25mm	205mm
RCLSD5-25	5	25mm	250mm
RCLSD6-25	6	25mm	295mm

### METAL LINEAR PLENUM BOOT OPENING SIZES - REMOVABLE CORE LINEAR SLOT RANGE (20MM)

PRODUCT CODE LINEAR SLOT DIFFUSER (25mm)	SLOT	SLOT WIDTH	BOOT OPENING SIZE LB & SLB
RCLSD1-20	1	20mm	65mm
RCLSD2-20	2	20mm	105mm
RCLSD3-20	3	20mm	145mm
RCLSD4-20	4	20mm	185mm
RCLSD5-20	5	20mm	225mm
RCLSD6-20	6	20mm	265mm