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 SAI GLOBAL



**METAL SWIRL
CUSHION BOX
SW-CB-510R**



METAL SWIRL CUSHION BOX SW-CB-510R

PRODUCT DESCRIPTION AND APPLICATION

Airfoil's premium Australian Made Metal Radial Swirl Cushion Box (SW-CB-510R) is specifically crafted to complement our range of high-quality Swirl Diffusers. Featuring an internal "T" brace for added reinforcement, the Radial Swirl Cushion Box is supplied fully enclosed with a root nut that matches the centre swirl screw, ensuring hassle-free installation. Customisable to meet any desired specification, the Swirl Cushion Box caters to special height requirements and challenging spigot placements.

The SW-CB-510R variant is tailored to fit Airfoil's **Round Faced** Radial Swirl Diffuser **CDS-DM500R** with a round opening size of **510mm** to accommodate the neck of the Swirl Diffuser. This design enables the box to neatly align behind the Swirl Diffuser during installation. This highly versatile Radial Swirl Cushion Box facilitates horizontal supply air delivery directly to the swirl diffuser, resulting in an exceptionally efficient output.

Available in a range of options, the Radial Swirl Cushion Box 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. Furthermore, the box is available with various spigot placements including Side, Opposite, and Adjacent, catering to different duct configuration layouts with ease.

Designed to seamlessly integrate with Airfoil's Radial Swirl Diffuser (CDS-DM500R), this quality Radial Swirl Cushion Box ensures compatibility and efficiency. Suitable for any commercial setting where thermal and acoustic requirements are paramount, it stands as a testament to Airfoil's commitment to excellence in Sheet Metal solutions.

METAL SWIRL CUSHION BOX SW-CB-510R

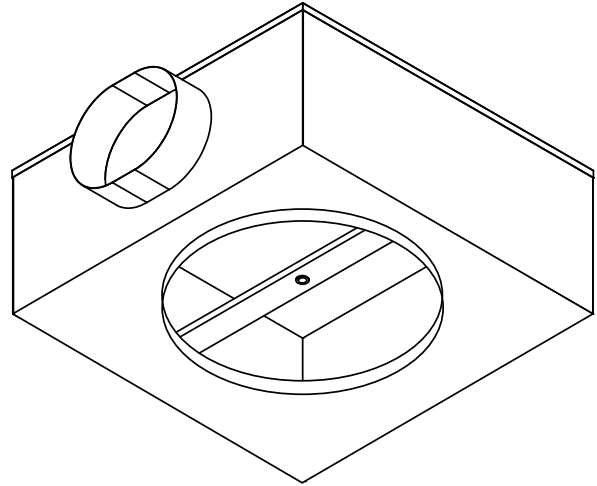
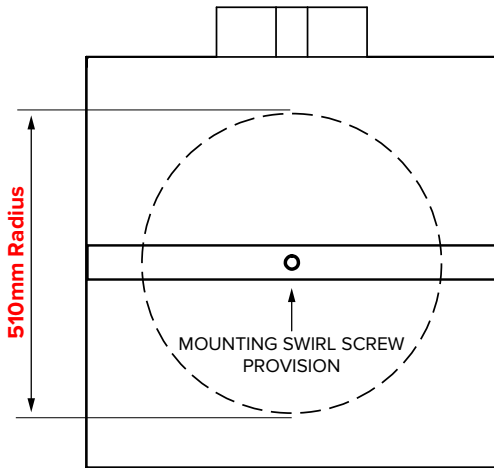
PRODUCT SPECIFICATIONS AND INFORMATION

- **Product ordering code – SW-CB-510R**
- Australian Made and Designed
- Manufactured from 0.55mm Australian galvanised steel
- 510mm **round** opening size (50mm collar)
- Designed for Round Faced Radial Swirl Diffuser **CDS-DM500R**
- Custom box heights manufactured to suit grille requirements
- Comes complete with internal “T” Brace
- Comes complete with centre swirl screw for easy installation
- Used for supply air heating and cooling
- Mounted behind grille
- Thermal and Acoustic 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 box height restrictions
- Suitable for any commercial setting
- Airfoil information available
- **Full product tested information is available upon request. All tested information performed by Airfoil through the laboratories of Vipac Engineers & Scientists.**

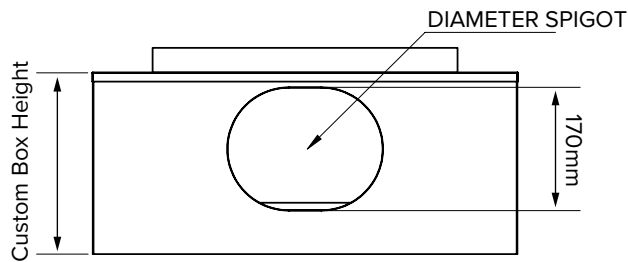


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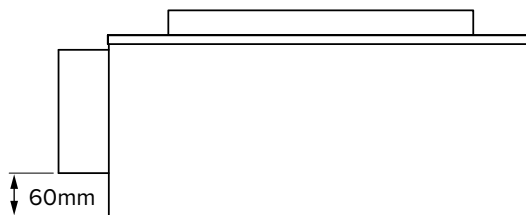
CROSS SECTIONAL DIAGRAM



SW-CB-510R to suit CDS-DM500R



SIDE PROFILES - SW-CB-510R



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