

## Polymer Plenum Box to suit Aircell Diffusers

P

### Introduction

The Aircell Polymer plenum boxes for M and 2 series Diffusers are designed for effective air mixing, as well as quick installation with snap-in locks and dual Top/Side Entry design.

They incorporate internal guide vanes and are made of Black ABS engineering polymer, with the same fire-resistance and non-corroding characteristics as the Terminals

The 'P' series plenum is aerodynamically profiled to provide ideal flow conditions with either top or side entry duct arrangements. Manufactured in black engineering grade polymer, the design incorporates features such as internal guide vanes to reduce air turbulence, and snap-in locks to retain the opposed blade damper and diffuser mounting bar.

The plenum can be fixed to the ceiling grid or suspended by drop rods from the slab. Either fixing method is carried out using patented mounting brackets which simply slide into the plenum retaining slots.

### Product Description

**P** Polymer Plenum box for Aircell Diffusers (M300, M450, M500, M600, 2300, 2600)

### Features

- Black FR grade ABS engineering polymer
- Unique spigot design to suit Side/Top Entry connections
- Snap-in locks for quick installation
- Internal vanes for reduced air turbulence

### Finish

**P** Self finish

### Weights

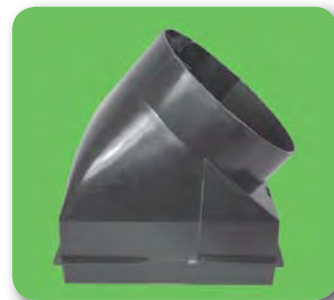
P300 0.7 kg, P450 1.0 kg, P600 1.7 kg

### Neck Reducer R600

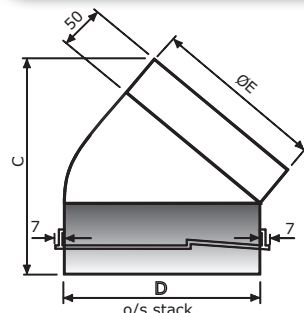
The R600 snap-fit neck reducer is available as an option to convert the P600 plenum spigot from 397 Ø to 312 Ø.

#### ORDER EXAMPLE

2600/P600+4BKTS/F600  
Diffuser Type ☐  
Plenum Chamber ☐  
Fixing ☐



Type P plenum



**Note:** The connection between the diffuser and plenum is adequately sealed for most installations, although secondary additional sealing may be required at the discretion of the installers, if the leakage rate required is particularly low.

### Dimensions

Model	C	D	E
P300	245	224	197
P450	277	299	247
P600	366	449	397

## Polymer Neck Reducer to suit Aircell M600 and 2600

R600

### Introduction

The Aircell Polymer neck reducers for M600 and 2600 Diffusers are designed to be fitted on top of a P600 plenum box to bring the connection size down to Ø312mm.

They are made of Black ABS engineering polymer, with the same fire-resistance and non-corroding characteristics as the Terminals and Plenum Boxes

### Product Description

**R600** Polymer Plenum box for Aircell Diffusers (M600, 2600)

### Features

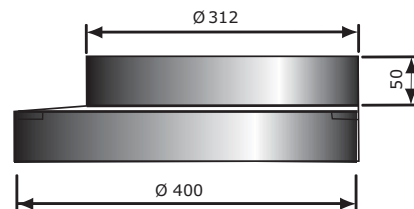
- Black FR grade ABS engineering polymer
- Reduces the spigot from Ø397mm to Ø312mm

### Finish

**R600** Self finish

#### ORDER EXAMPLE

2600/P600+4BKTS/F600/R600  
Diffuser Type ☐  
Plenum Chamber ☐  
Fixing ☐  
Neck Reducer ☐



R600 neck reducer