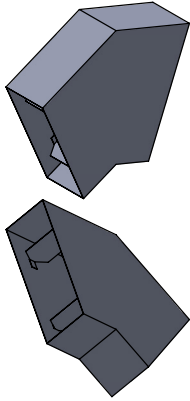


# RESIDUCT™ 45° HORIZONTAL BEND

## Product Specification

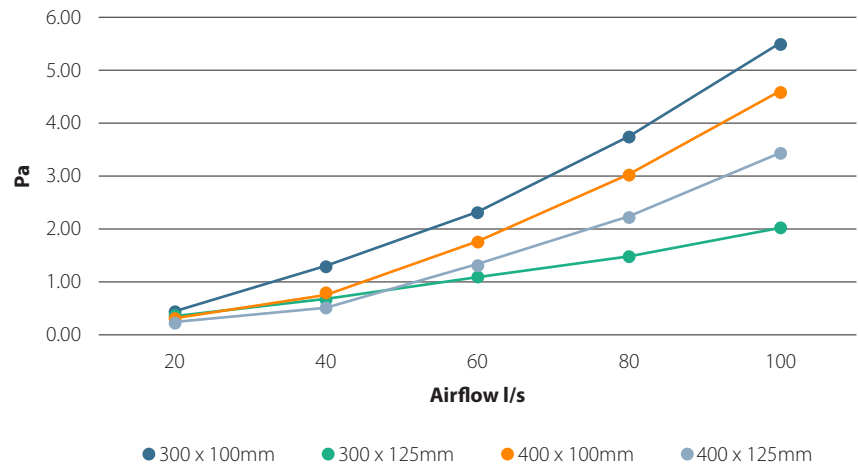


The ResiDUCT™ 45 horizontal bend is part of the ResiDUCT™ system range;

- Manufactured from 0.6mm galvanised steel
- DW144 Specification
- Socket seal jointing (female connection)
- Integral ResiDUCT™ stiffeners for additional strength and reduction in air leakage as parts are joined together
- Available in 300x100, 300x125, 400x100, 400x125 (mm)
- Bespoke sizes available on request

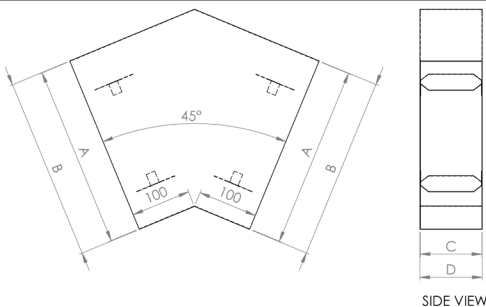
## Performance Data

### ResiDUCT™ - 45° Horizontal Bend



| Range (mm) | @20l/s | 40l/s | @60l/s | @80l/s | @100l/s |
|------------|--------|-------|--------|--------|---------|
| 300 x 100  | 0.4    | 1.23  | 2.38   | 3.78   | 5.56    |
| 300 x 125  | 0.3    | 0.67  | 1.07   | 1.50   | 1.94    |
| 400 x 100  | 0.23   | 0.84  | 1.79   | 3.07   | 4.66    |
| 400 x 125  | 0.14   | 0.56  | 1.25   | 2.22   | 3.46    |

## Product Dimensions



| Range (mm) | A (mm) | B (mm) | C (mm) | D (mm) |
|------------|--------|--------|--------|--------|
| 300 x 100  | 303    | 304.2  | 103    | 104.2  |
| 300 x 125  | 303    | 304.2  | 127    | 128.2  |
| 400 x 100  | 403    | 404.2  | 103    | 104.2  |
| 400 x 125  | 403    | 404.2  | 127    | 128.2  |

## Product Range Info

| Range Size (mm) | Part Code    | Minimum Free Area (mm²) | Description         | Connection | Material (mm) | Weight (kg) | Manufactured To |
|-----------------|--------------|-------------------------|---------------------|------------|---------------|-------------|-----------------|
| 300 x 100       | RD/300100B45 | 29,521                  | 45° Horizontal Bend | Female     | 0.6           | 1.8         | DW144           |
| 300 x 125       | RD/300125B45 | 36,991                  | 45° Horizontal Bend | Female     | 0.6           | 2           | DW144           |
| 400 x 100       | RD/400100B45 | 39,401                  | 45° Horizontal Bend | Female     | 0.6           | 2.3         | DW144           |
| 400 x 125       | RD/400125B45 | 49,371                  | 45° Horizontal Bend | Female     | 0.6           | 2.5         | DW144           |

Design Registration: 6378293

Downloadable files available at [www.pinnacleductwork.co.uk](http://www.pinnacleductwork.co.uk) – BIM, CAD, Consultant Specification, Brochure & Install Best Practice

Performance independently tested by BSRIA