

## ALUMINIUM AIRSTRACT SPECIFICATION DOCUMENT

### Product Description:

Passivent Aluminum Airstract ventilators are roof-mounted terminals providing an Exhaust for warm air. They combine high airflow capacity with low airflow resistance patented double bank weather louvres.

System to comprise: Aluminum Airstract Roof Terminal mounted to a structural builder's kerb. All necessary flashings, secret gutters etc, to be provided and installed by others. Removable lid allows access to lifting points (corner braces) for craning terminals onto the building.



### Construction Details:

Terminal louvres are extruded aluminum with mitred corners, powder coated to a standard RAL colour to match roof covering.

Welded aluminum lid.

Terminal has 85% free area 4mm black polypropylene insect screen.

### Performance data:

Double bank terminal design is 100% effective against water penetration to BS EN 13030: 2001, Class A rating.

Materials used for terminal achieve EXT SAAX fire rating when tested to BS 476: Part 3.

Appraised under BS EN ISO 9001.

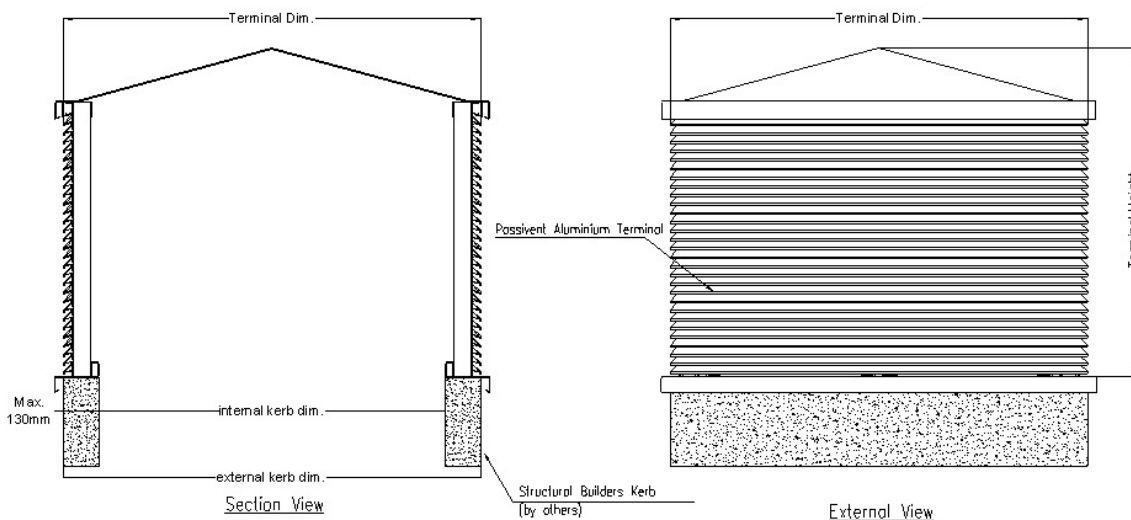
Aluminium terminals have a Cd Value of 0.67.

### Table to show product information:

| Terminal Dim. (mm) | Geometric Free Area (m <sup>2</sup> ) | Equivalent Free Area (m <sup>2</sup> ) | Terminal Height (mm) | Builder's Kerb Internal Dim. Req'd (mm) | Builder's Kerb External Dim. Req'd (mm) |
|--------------------|---------------------------------------|--|----------------------|---|---|
| 813 x 813          | 0.33                                  | 0.36                                   | 680                  | 577 x 577                               | 837 x 837                               |
| 813 x 1113         | 0.50                                  | 0.55                                   | 680                  | 577 x 877                               | 837 x 1137                              |
| 1113 x 1113        | 0.76                                  | 0.85                                   | 900                  | 877 x 877                               | 1137 x 1137                             |
| 1113 x 1412        | 1.03                                  | 1.13                                   | 900                  | 877 x 1176                              | 1137 x 1436                             |
| 1412 x 1412        | 1.38                                  | 1.51                                   | 1208                 | 1176 x 1176                             | 1436 x 1436                             |
| 1412 x 1787        | 1.82                                  | 2.00                                   | 1208                 | 1176 x 1551                             | 1436 x 1811                             |
| 1787 x 1787        | 2.41                                  | 2.64                                   | 1582                 | 1551 x 1551                             | 1811 x 1811                             |
| 1787 x 2012        | 2.75                                  | 3.02                                   | 1582                 | 1551 x 1776                             | 1811 x 2036                             |
| 2012 x 2012        | 3.15                                  | 3.46                                   | 1740                 | 1776 x 1776                             | 2036 x 2036                             |

Other sizes are available on request. Please email [projects@passivent.com](mailto:projects@passivent.com) for more information.

### Technical Drawing: Square Terminal:



Passivent maintains a policy of continuous development and reserves the right to amend product specifications without notice.