

Low resistance metal air brick

The Domus Ventilation Solis Air Brick has been designed as a non-combustible air brick to maintain low resistance and comply with the latest standards set out in Approved Document B (fire safety).

The range consists of three versions: 204x60, 220x90 and 220x126 to accommodate all external wall types.



Key features

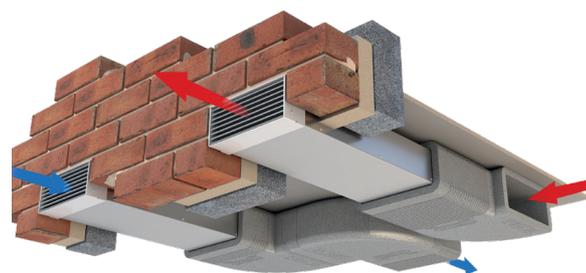
- ▶ Non-combustible as set out in Approved Document B (fire safety)
- ▶ 204x60, 220x90 and 220x126 options
- ▶ Low resistance
- ▶ Compatible with Domus Rigid and Thermal ducting range
- ▶ Air brick powder coating pre-qualified to EN13501-1 classification A2-s1,d0
- ▶ Air brick material 1.5mm galvanized steel, fire Class A1 'no contribution to fire'
- ▶ Metal air duct material 0.8mm galvanised steel, fire Class A1 'no contribution to fire'

CIBSE CPD

- ▶ With the changes in building regulations, Domus Ventilation offers a FREE CIBSE approved CPD which runs through building regulations and how the new non-combustible air brick can integrate into your projects. Contact us for more information.

Product Codes

Product Codes	Description
SOL-AB-204X60W	204x60mm Single Metal Air Brick White
SOL-AB-220X90W	220x90mm Single Metal Air Brick White
SOL-AB-220X126W	220x126mm Single Metal Air Brick White
SOL-DUCT-204X60	204X60mm Metal Sleeve 550mm
SOL-DUCT-220X90	220x90mm Metal Sleeve 550mm
SOL-DUCT-220X126	220x126mm Metal Sleeve 550mm



LOW RESISTANCE METAL AIR BRICK | 204X60



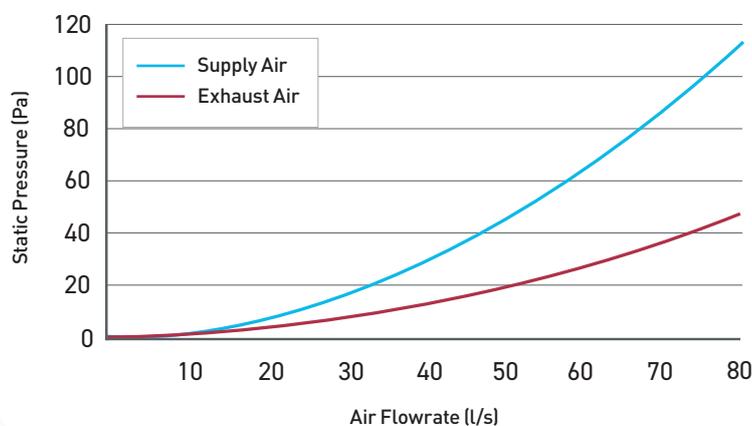
Description

LOW RESISTANCE METAL AIR BRICK, 204X60 (SUPPLY)
LOW RESISTANCE METAL AIR BRICK, 204X60 (EXHAUST)

Note: Supply Data based on Test Report No. TB2329. Exhaust Data based on Test Report No. TB2332.

Approximate Free Area Space

SOL-AB-204X60 – 8,760mm²



Note: Performance testing carried out using BS EN 13141-2.

Performance data								
Flowrate (l/s)	10	20	30	40	50	60	70	80
Pressure (Pa) - (Supply)	2.1	7.7	16.9	29.8	46.3	66.4	90.1	117.5
Pressure (Pa) - (Exhaust)	1.3	4.1	8.3	13.9	20.9	29.2	39.0	50.1

LOW RESISTANCE METAL AIR BRICK | 220X90



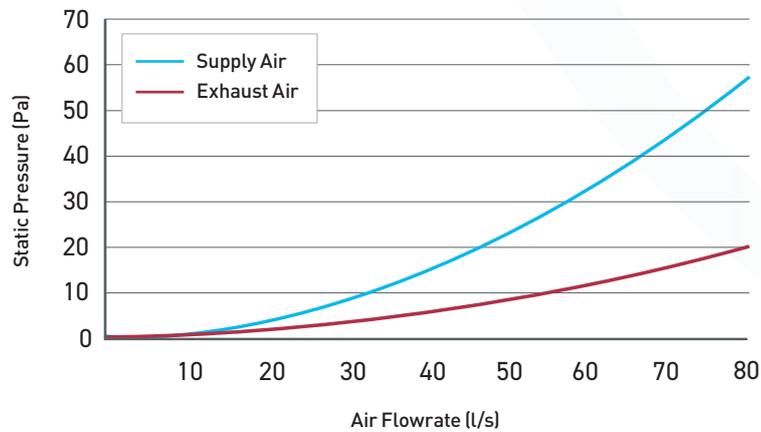
Description

LOW RESISTANCE METAL AIR BRICK,
220X90 (SUPPLY)
LOW RESISTANCE METAL AIR BRICK,
220X90 (EXHAUST)

Note: Supply Data based on Test Report No. TB2328. Exhaust Data based on Test Report No. TB2333.

Approximate Free Area Space

SOL-AB-220X90 – 14,820mm²



Note: Performance testing carried out using BS EN 13141-2.

Performance data								
Flowrate (l/s)	10	20	30	40	50	60	70	80
Pressure (Pa) - (Supply)	1.0	4.0	9.0	15.9	24.7	35.5	48.2	62.9
Pressure (Pa) - (Exhaust)	1.1	2.3	4.1	6.5	9.5	13.0	17.1	21.9

LOW RESISTANCE METAL AIR BRICK | 220X126



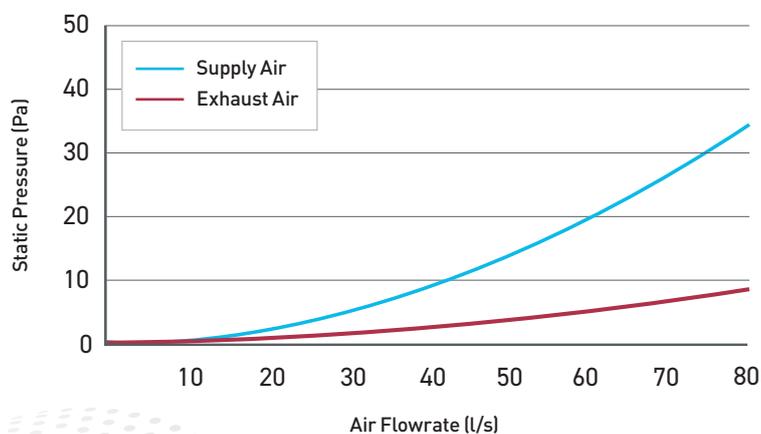
Description

LOW RESISTANCE METAL AIR BRICK,
220X126 (SUPPLY)
LOW RESISTANCE METAL AIR BRICK,
220X126 (EXHAUST)

Note: Supply Data based on Test Report No. TB2327. Exhaust Data based on Test Report No. TB2334.

Approximate Free Area Space

SOL-AB-220X126 – 21,253mm²



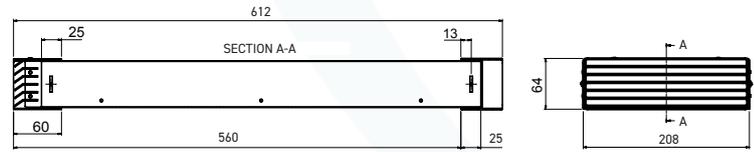
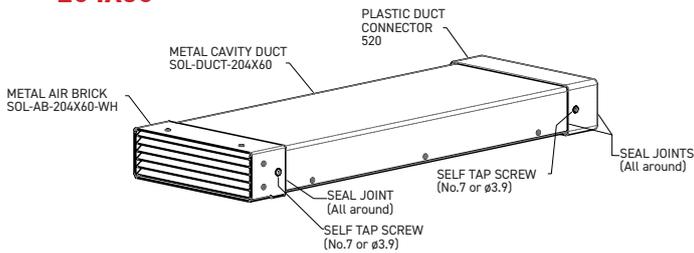
Note: Performance testing carried out using BS EN 13141-2.

Performance data								
Flowrate (l/s)	10	20	30	40	50	60	70	80
Pressure (Pa) - (Supply)	0.7	2.6	5.5	9.7	15.0	21.4	29.0	37.8
Pressure (Pa) - (Exhaust)	0.2	0.8	1.6	2.7	4.1	5.7	7.5	9.6

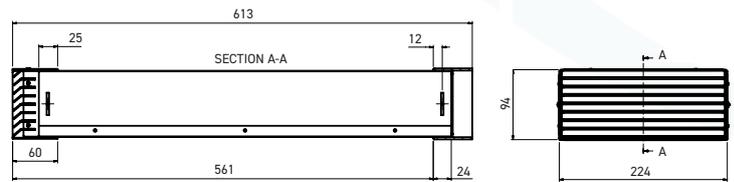
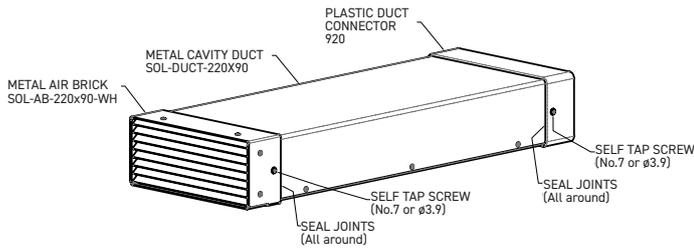
Dimensions (mm)



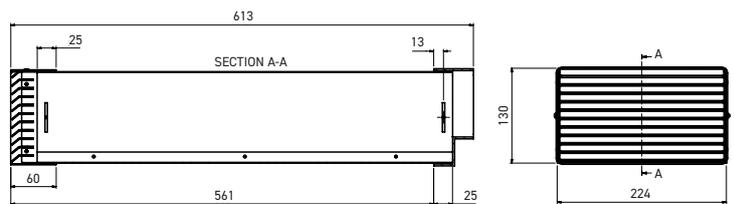
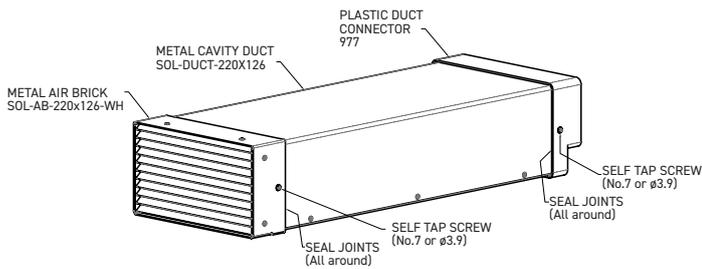
204X60



220X90



220X126

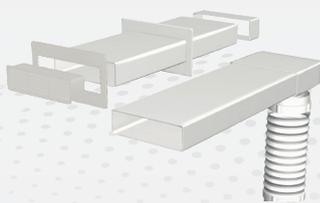


All items are to be purchased separately. Assembly to be carried out on site by installer.

WE'RE THE UK'S NO1 FOR DUCTING

Domus Ventilation is the complete solution provider of duct and accessories, offering guaranteed compatibility, compliant with regulations, quality of fit and peace of mind!

- ▶ Rigid duct
- ▶ Flexi duct
- ▶ Radial duct
- ▶ Thermal duct
- ▶ Tape, sealant and screws



YOUR VENTILATION SPECIALIST

03443 715 523

www.domusventilation.co.uk



The colour options are applicable to the low resistance metal air bricks only.

Colour	RAL Reference and Title	
 White	Traffic White	RAL 9016
 Brown	Nut Brown	RAL 8011
 Cotswold	Ivory	RAL 1014
Colour	RAL Reference and Title	
 Terracotta	Copper Brown	RAL 8004
 Black	Traffic Black	RAL 9017
 Grey	Telegrey 2	RAL 7046

Need a bespoke colour? Just send us the RAL number and we can do this for you!

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