

SOLIS Air Brick™ with Bezel

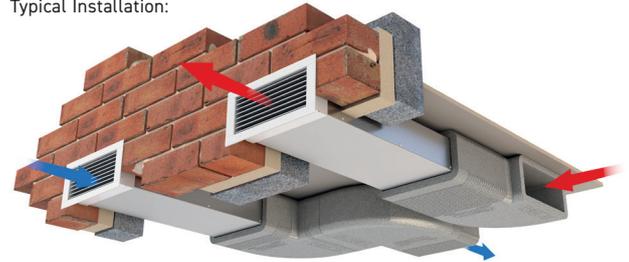


Low resistance metal air brick

The Domus Ventilation Solis Air Brick with Bezel 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 sizes: 204x60, 220x90 and 220x126 to accommodate all external wall types.

Typical Installation:



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'

Product Codes

1	-	2	3	-	4
SOL-AB	-	220x126	W	-	B
Range		Duct size	Colour		Bezel
SOL-AB	-	204x60 = 204 x 60 mm	B = Brown (RAL 8011)	-	B = With Bezel
	-	220x90 = 220 x 90 mm	BK = Black (RAL 9017)		
	-	220x126 = 220 x 126 mm	C = Cotswold (RAL 1014)		
			G = Grey (RAL 7046)		
			T = Terracotta (RAL 8004)		
			W = White (RAL 9016)		

LOW RESISTANCE METAL AIR BRICK | 204X60



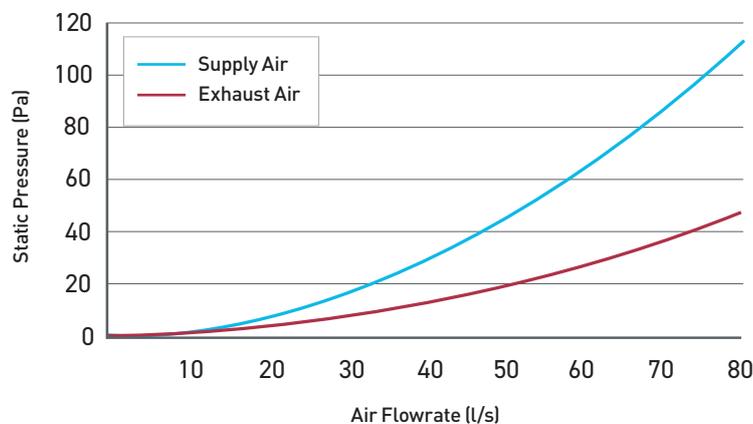
Description

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



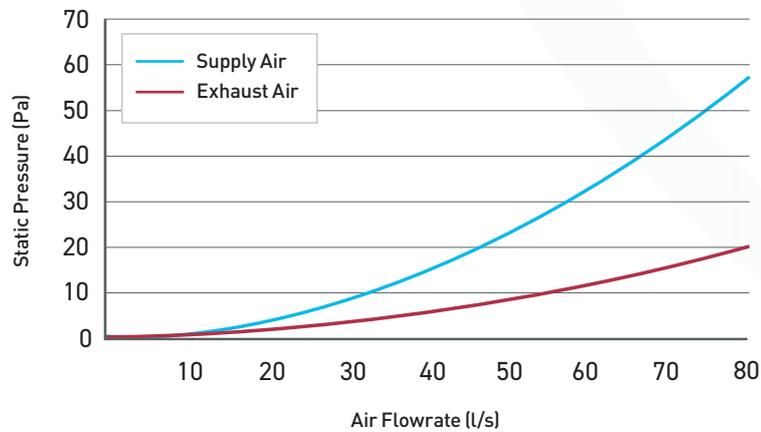
Description

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



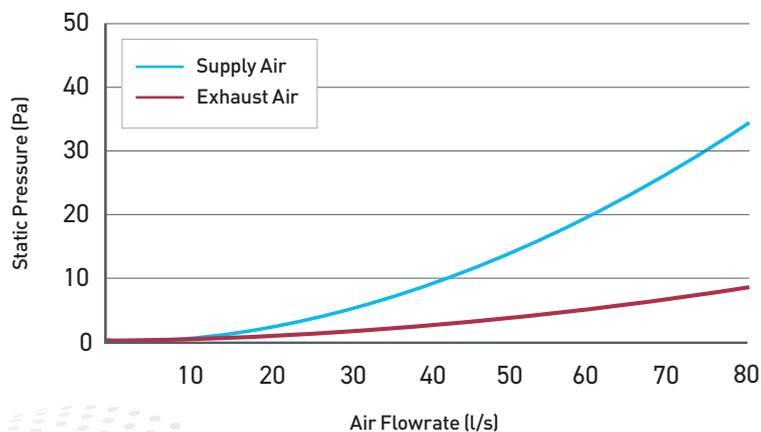
Description

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



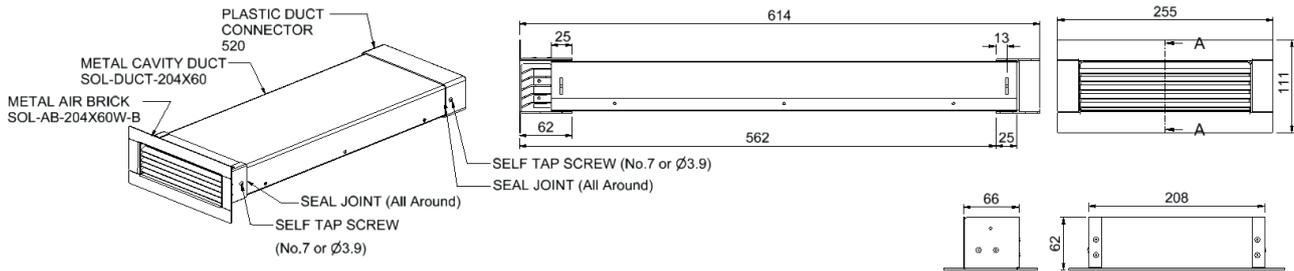
Note: Performance testing carried out using BS EN 13141-2.

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

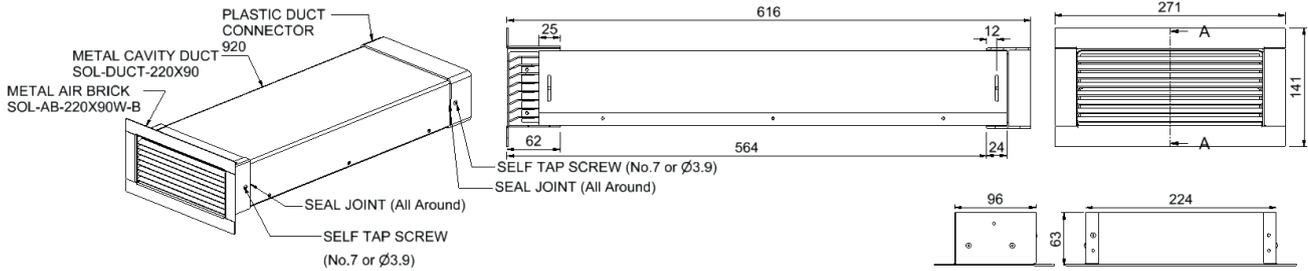
Dimensions (mm)



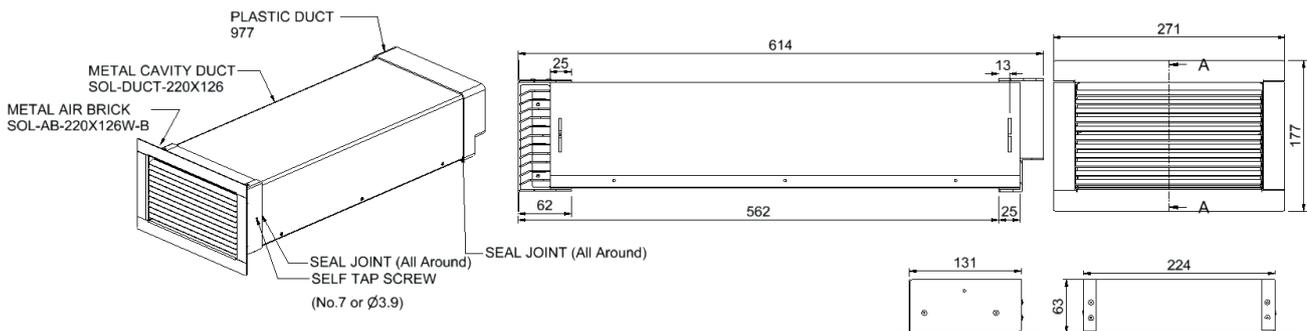
204X60



220X90



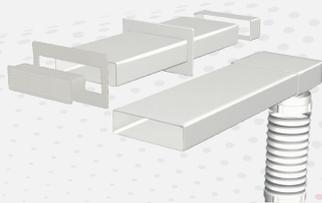
220X126



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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



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.

YOUR VENTILATION SPECIALIST

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