briteair

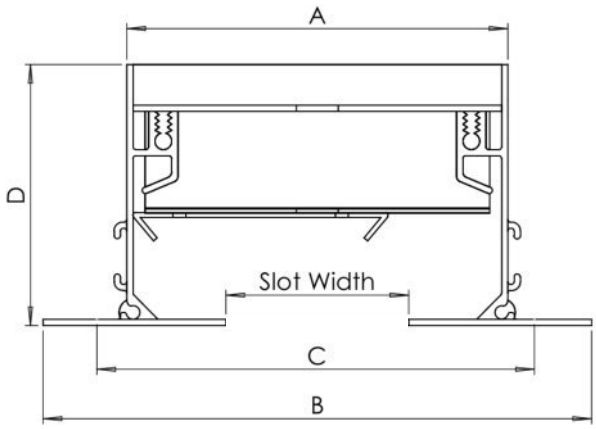
Slot Diffuser High Capacity – Type BSHC

The BSHC is suitable for both supply and extract and has been designed for ceiling or wall mounting.

The unique blade systems allows for flexible orientation of the supply air pattern and very easy installation. Our High Capacity Slot Diffuser offers an Architectural solution to a more discreet visibility in the ceiling whilst handling higher volumes of air.

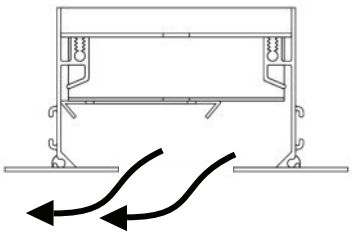


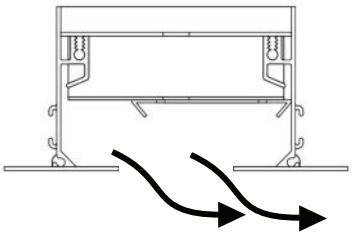
Multiple Variations



Slot Width	A	B	C	D
35mm	75	111	85	50
50mm	90	126	100	50

Multi Directional





How to Order

Type	Flange Type	Slot Width	End Flange	Finish
	F - Standard		0	
BSHC	P - Plaster In	35	1EF	RAL Colour
	PL - Plank	50	2EF	

Please contact our Sales Office ***on 01924 444 174*** *for selection guidance on the above.*

briteair SYSTEMS LTD

Briteair Systems Ltd
Unit 2 Norquest Industrial Park, Pennine View, Birstall West Yorkshire WF17 9NE Telephone: 01924 444 174 | Fax: 01924 476 600 |
www.briteair.co.uk

Data based on 1 Metre active length

l/s									
35mm Slot Width	L/s	30	40	50	60	70	80	85	90
	Throw 0.25m/s	1.9	2.6	3.2	4.5	5.2	5.2	5.5	5.8
	Throw 0.5m/s	1.0	1.3	1.6	1.9	2.3	2.6	2.8	2.9
	Pd	2	7	12	17	23	29	33	37
	NR	<10	<10	11	15	19	23	25	26
50mm Slot Width	L/s	60	70	80	90	100	110	120	130
	Throw 0.25m/s	2.3	2.7	3.1	3.5	3.8	4.2	4.6	5
	Throw 0.5m/s	1.2	1.3	1.5	1.7	1.9	2.1	2.3	2.5
	Pd	7	10	13	17	21	25	30	35
	NR	10	14	18	21	24	27	29	32



Installation Details

1. Offer the BSHC Frame up to the installed plenum box.
2. Screw M5 long screw through diffuser bracket into the plenum box goal post bracket
3. Tighten M5 screw until the BSHC Frame is tightly fitted to the plenum box
4. Fit M5 short screw through the blade into the diffuser bracket

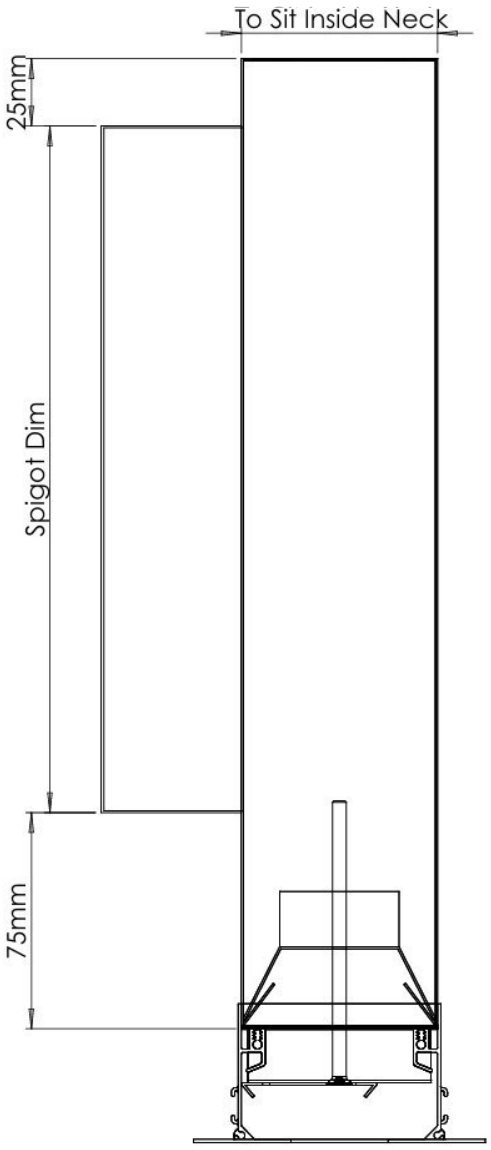
Position blade to suit required air orientation

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Plenum Box Detail





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