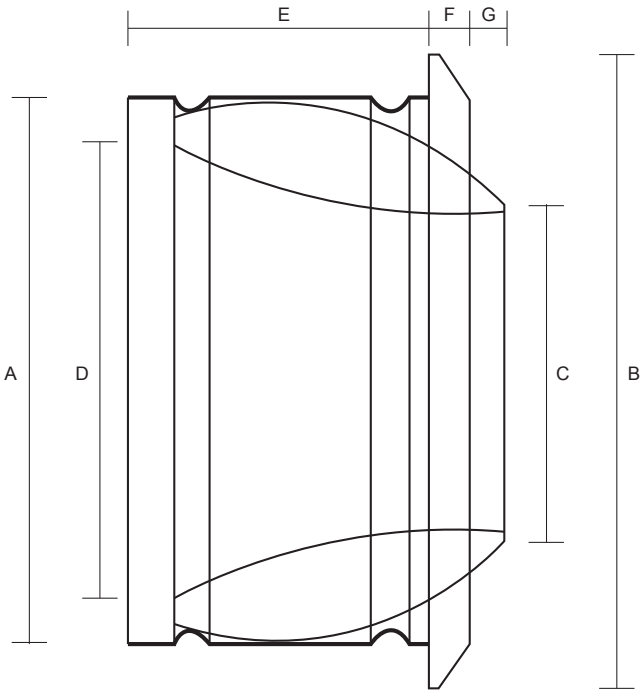
briteair

Adjustable Jet Nozzle Type BJN

Suitable for Sidewall positioning to distribute warm or cool air into large open spaces. It is adjustable to 360° to allow the air discharge to be directed to suit specific site requirements whilst excellent induction of room air gives comfortable conditions within the occupied zone.



Diffuser Dimensions



Nominal Size	A	B	C	D	E	F	G	Net Weight (kg)
100	97	149	48	73	72	22	0	0.20
125	122	173	62	90	92	24	0	0.37
160	157	199	76	108	105	23	2	0.43
200	197	265	107	152	130	27	10	0.62
250	247	310	128	195	170	25	10	1.24
315	312	378	180	240	190	30	15	1.60
400	397	468	223	330	213	31	26	2.04
500	497	581	292	413	240	39	65	3.40

How to Order

Type	Frame	Size	RAL Colour
BJN	F - Standard Flange	200 dia	e.g. RAL 9010

e.g. 10 No BJN - F - 200 Dia - RAL 9010

*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

Adjustable Jet Nozzle Type BJN

Performance Data

Size							
200 Dia	l/s	30	50	70	90	110	
	Throw m/s	10.1 6.1 3.0	16.8 10.1 5.1	23.6 14.1 7.1	30.3 18.2 9.1	>30 22.2 11.1	
	Pd	13	36	71	118	176	
	Lwa dB (A)	<15	17	21	33	39	
250 Dia	l/s	70	90	110	130	150	170
	Throw m/s	15.8 9.5 4.8	20.4 12.2 6.1	24.9 14.9 7.5	29.4 17.7 8.8	>30 20.4 10.2	>30 23.1 11.5
	Pd	19	31	47	66	87	112
	Lwa dB (A)	<15	21	27	32	36	39
315 Dia	l/s	110	130	150	170	190	210
	Throw m/s	20.5 12.3 6.1	24.2 14.5 7.3	27.9 16.8 8.4	>30 19 9.5	>30 21.2 10.6	>30 23.5 11.7
	Pd	18	25	33	43	53	65.29
	Lwa dB (A)	<15	16	20	23	26	41
400 Dia	l/s	200	250	300	350	400	450
	Throw m/s	25 15 7.5	>30 18.7 9.8	>30 22.5 11.3	>30 26.2 13.2	>30 29.9 15.1	>30 >30 16.8
	Pd	13	21	30	41	54	68
	Lwa dB (A)	<15	20	25	30	33	37
500 Dia	l/s	300	400	500	600	700	800
	Throw m/s	27.5 16.5 8.3	>30 22 11	>30 27.5 13.8	>30 >30 16.5	>30 >30 19.2	>30 >30 22
	Pd	7	12	18	26	36	46
	Lwa dB (A)	8	16	23	28	32	36

NOTE:
All throws based on terminal velocities of 0.3/0.5/1.0 m/s

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