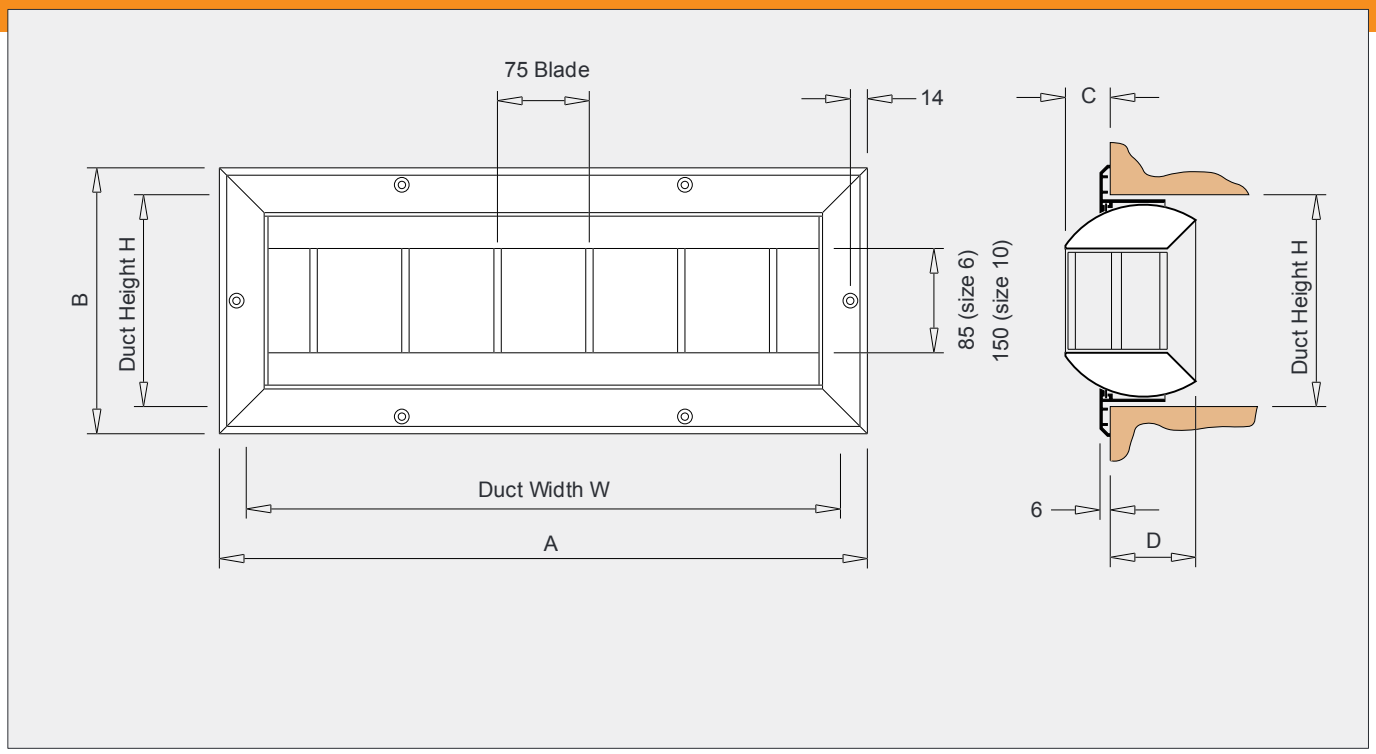
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Drum Jet Diffusers

DIMENSIONS



SIZE	DIMENSIONS (mm)						WEIGHT (Kg)
	A	B	W	H	C	D	
906	300	217	261	170	36	87	1.5
1206	376	217	337	170	36	87	1.7
1806	529	217	490	170	36	87	2
2406	681	217	642	170	36	87	2.5

SIZE	DIMENSIONS (mm)						WEIGHT (Kg)
	A	B	W	H	C	D	
2010	579	319	540	271	63	138	5.5
2510	706	319	667	271	63	138	6.5
3010	833	319	794	271	63	138	7.0
3510	960	319	921	271	63	138	7.5

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

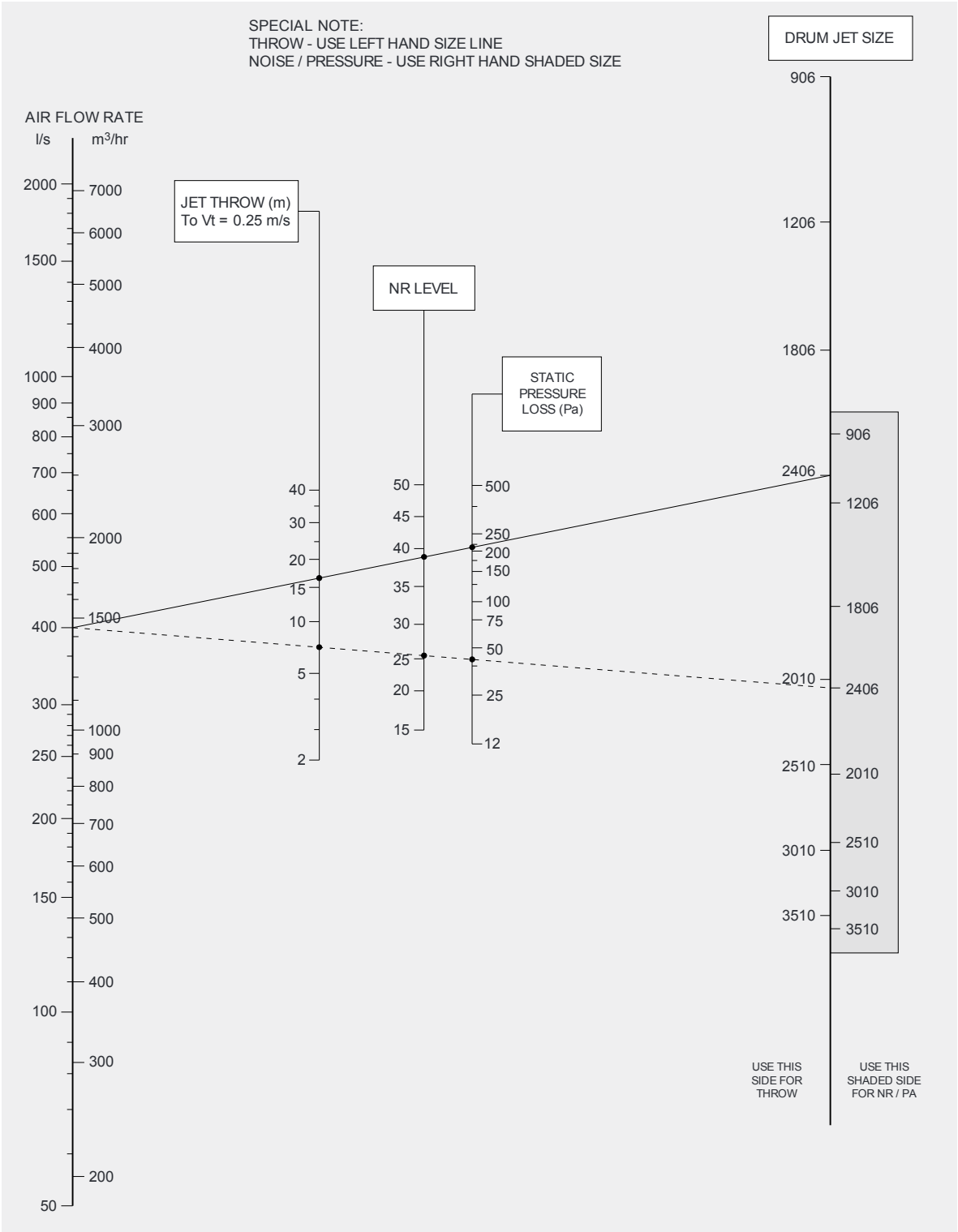
briteair SYSTEMS LTD

Briteair Systems Ltd
Unit 21 Smithies Mill, 885 Bradford Road, Batley, West Yorkshire WF17 8NN
Telephone: 01924 444 174 | Fax: 01924 476 600 | www.briteair.co.uk

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Drum Jet Diffusers

SELECTION NOMOGRAM



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Drum Jet Diffusers

BASIS OF DATA

throws

THROWS - Jet throws are based on isothermal conditions to a terminal velocity of 0.25m/s with straight vanes. Throws should be corrected in accordance with the following table to compensate for vane angle adjustments.

VANE ANGLE	0º	5º	10º	20º	30º	40º	60º
THROW FACTOR	1.0	0.9	0.82	0.68	0.6	0.52	0.4

noise levels

Noise data is expressed in terms of NR level with a room absorbtion factor of 8db.

example

Size 2406 Drum Jet supplying an air flow rate of 400 l/s

Throw - 17m (Solid Line)
Noise - NR26 (Dotted Line)
Pressure loss - 45Pa

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