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NUMERI

jet nozzle diffuser

JND6
JND8
JND10
JND315
JND16
JND20
JND630
JNDSW10
JNDSW315
JNDSW16
JNDSW20

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PRODUCT DATA SHEET

1 YR WARRANTY

JET NOZZLE DIFFUSER

Overview

The JND range of jet diffusers are designed for wall applications to project large volumes of air over long throw distances. It is constructed of aluminium and has an adjustable jet diffuser allowing for accurate air distribution. The JND is available in a variety of sizes. The standard colour is RAL9016. Other colours are available upon request, contact your local dealer.

Front view

Rear view

Side view

Side perspective

Front perspective

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082022

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PRODUCT DATA SHEET

1 YR WARRANTY

JET SWIRL DIFFUSER

Overview

The JNDSW range of jet diffusers are designed for wall applications to project large volumes of air where a reduced throw length is required. The body of the JNDSW is identical to that of the JND but with a black painted steel swirl insert fixed into the neck of the diffuser.

Front view

Rear view

Side view

Side perspective

Front perspective

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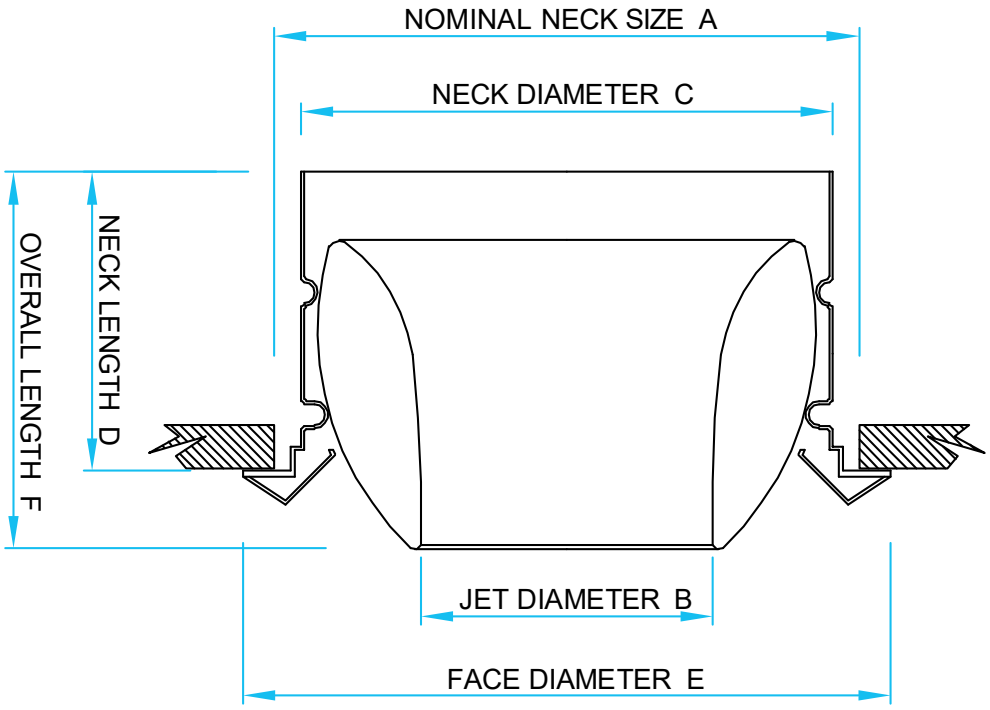

JND - JET NOZZLE DIFFUSER

Product Code	Nominal Size	A	B	C	D	E	F
JND6	**160**	163	76	148	85	199	110
JND8	**200**	213	105	198	110	265	140
JND10	**250**	263	128	248	140	315	175
JND315	**315**	330	165	313	178	385	235
JND16	**400**	435	210	398	218	495	283
JND20	**500**	443	256	495	247	620	350
JND630	**630**	645	323	625	335	780	440

Dimensions in millimetres

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Model JND - Jet Nozzle Diffuser

Product Code	Size	Flow Rate (l/s)	30	40	60	80	100	125	150	200	250	300	400	500	600	700	800	900
JND6	160 Dia.	Pressure Loss (Pa)	19	32	73	125												
		Sound Level (dBa)	<20	20	29	42												
		Throw (m)	6	7.5	11.5	15												
JND8	200 Dia.	Pressure Loss (Pa)		11	27	47	66											
		Sound Level (dBa)		<20	<20	26	32											
		Throw (m)		6.5	10.5	15	19											
JND10	250 Dia.	Pressure Loss (Pa)			10	18	28	46	65									
		Sound Level (dBa)			<20	<20	20	26	32									
		Throw (m)			7.5	11	14.5	19	23									
JND315	315 Dia.	Pressure Loss (Pa)					11	17	25	46								
		Sound Level (dBa)					<20	<20	22	29								
		Throw (m)					9.5	13	16	23								
JND16	400 Dia.	Pressure Loss (Pa)								13	20	30	52	80				
		Sound Level (dBa)								<20	23	27	36	44				
		Throw (m)								15	21	26	36	47				
JND20	500 Dia.	Pressure Loss (Pa)									10	15	27	41	61			
		Sound Level (dBa)									<20	<20	27	34	39			
		Throw (m)									16	19.5	28	37	46			
JND630	630 Dia.	Pressure Loss (Pa)											12	19	27	36	47	60
		Sound Level (dBa)											<20	22	27	32	36	39
		Throw (m)											21	27	34	41	47	54

Model JNDSW - Jet Swirl Diffuser

Product Code	Size	Flow Rate (l/s)	30	40	60	80	100	125	150	200	250	300	400	500	600	700	800	900
JNDSW10	250 Dia.	Pressure Loss (Pa)		10	16	27	40	65										
		Sound Level (dBa)		<20	27	32	42	48										
		Throw (m)		3.50	5	7.0	8.5	11.0										
JNDSW315	315 Dia.	Pressure Loss (Pa)				15	19	27	37	70								
		Sound Level (dBa)				25	31	37	43	52								
		Throw (m)				5.0	7.0	8.0	10.0	13.0								
JNDSW16	400 Dia.	Pressure Loss (Pa)							15	22	36	47	82					
		Sound Level (dBa)							29	38	44	49	57					
		Throw (m)							7.5	10.0	12.0	15.0	20.0					
JNDSW20	500 Dia.	Pressure Loss (Pa)								10	16	23	35	53	80			
		Sound Level (dBa)								30	34	39	47	55	62			
		Throw (m)								8.0	11.0	13.0	17.0	20.0	24.0			

Dimensions in millimetres.
This data to be used for quick selection only, not to be used for commissioning.

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