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**EYEBALL JET NOZZLE DIFFUSER
EJND-400**



EYEBALL JET NOZZLE DIFFUSER EJND-400

PRODUCT DESCRIPTION AND APPLICATION

Airfoil's Eyeball Jet Nozzle Diffuser (EJND-400) is crafted from lightweight yet durable aluminum, representing one of the market's most sought-after and top-quality diffusers. Engineered to propel large volumes of air across significant distances, this diffuser is designed for superior performance.

Air is channeled through its inner concave cylinder eyeball, projecting at a 30° throw radius, ensuring swift acceleration through the 210mm opening of the diffuser. With a nominal neck size of 435mm and an exact neck size of 398mm, complemented by a front fascia frame size of 495mm, installation is convenient, aided by the easily removable front fascia.

The EJND-400 boasts a significant advantage: its manually adjustable 360° rotating eyeball. This feature allows for precise directional airflow control, directing air precisely to targeted areas as needed.

While available in our standard white range, this diffuser can be customised with a powder-coated finish to match any specified colour upon request. Ideal for a wide range of settings including international and domestic airports, shopping centres, universities, theatres, function rooms, hotel lobbies, auditoriums, cinemas, or any commercial open-plan areas requiring high-velocity horizontal or vertical air discharge.

EYEBALL JET NOZZLE DIFFUSER EJND-400

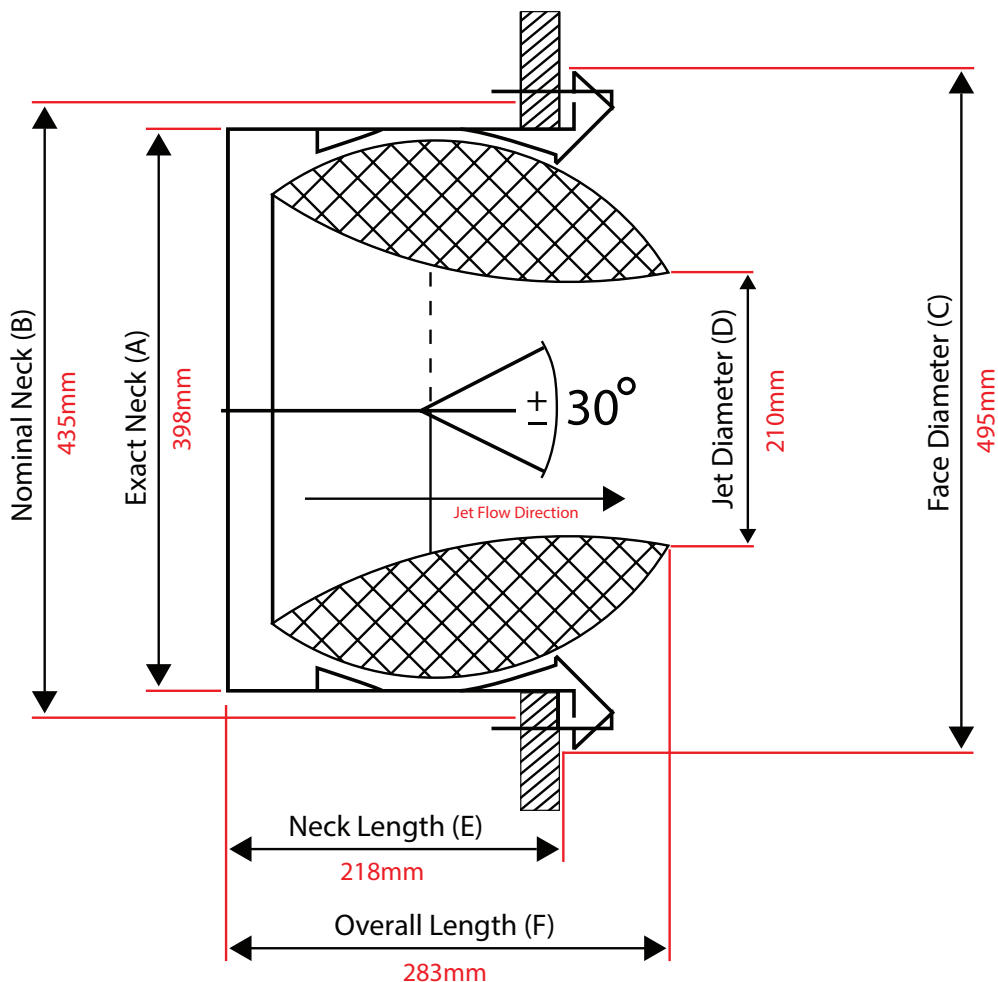
PRODUCT SPECIFICATIONS AND INFORMATION

- **Product ordering code – EJND-400**
- Manufactured from light weight high grade spun aluminium
- Exact neck size 398mm
- Nominal neck size 435mm
- Opening front jet diameter 210mm
- Face diameter size 495mm
- Manually adjustable 360 degree rotating eyeball designed for precise directional airflow control to a targeted area
- Used for supply air heating and cooling
- Perfect for long and short air throws
- Designed for high velocity horizontal and vertical air discharge
- Comes complete with removable front fascia for easy installation
- Product can be fixed to high ceiling spaces, square and round duct work
- Available in 7 different sizes
- Available in our standard white powder-coated range
- Special powder-coated colours available on request
- Product suitable for international or domestic airports, shopping centres, universities, theatres, function rooms, hotel lobbies, auditoriums, cinemas or any commercial opened planned area
- Airfoil tested information available



EYEBALL JET NOZZLE DIFFUSER EJND-400

CROSS SECTIONAL DIAGRAM



ORDERING CODE	EXACT NECK	NOMINAL NECK	FACE DIAMETER	JET DIAMETER	NECK LENGTH	OVERALL LENGTH
	A	B	C	D	E	F
EJND-400	398mm	435mm	495mm	210mm	218mm	283mm



DISCLAIMER:

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PERFORMANCE DATA

	Jet Flow Rate (lit/sec)	250 (l/s)	300 (l/s)	400 (l/s)	500 (l/s)	600 (l/s)
EJND-400	Pressure Loss (Pa)	13	20	30	52	80
	Sound Level (dBa)	<20	23	27	36	44
	Throw (m)	15	21	26	36	47

