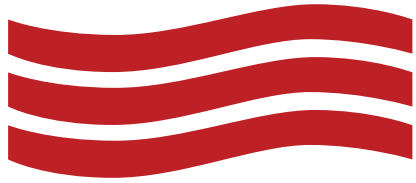


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**POLY ROUND DIFFUSER
RND-300**



POLY ROUND DIFFUSER **RND-300**

PRODUCT DESCRIPTION AND APPLICATION

Airfoil's Plastic Round Diffuser (RND-300) offers an appealing ceiling-mounted solution, crafted from high-quality ABS Polymers to ensure lasting strength and rigidity. This premium ABS Polymer material is engineered to resist discolouration over time, maintaining its aesthetic appeal.

Featuring manual adjustment at the center, users can conveniently and accurately balance the desired airflow. Suitable for cooling, heating, and isothermal conditions, this supply air Plastic Round Diffuser is ideal for use in modular plaster ceiling systems.

It comes complete with a snap-down fixing clip and dual clip arrangement for easy installation, and is available in four sizes to accommodate various needs.

While primarily intended for domestic supply and exhaust applications, the RND-300 can also be utilised in commercial spaces with ceiling heights of up to 2.7 meters. Finished in standard ceiling white with an etched surface, it is readily available in stock for immediate delivery.

POLY ROUND DIFFUSER RND-300

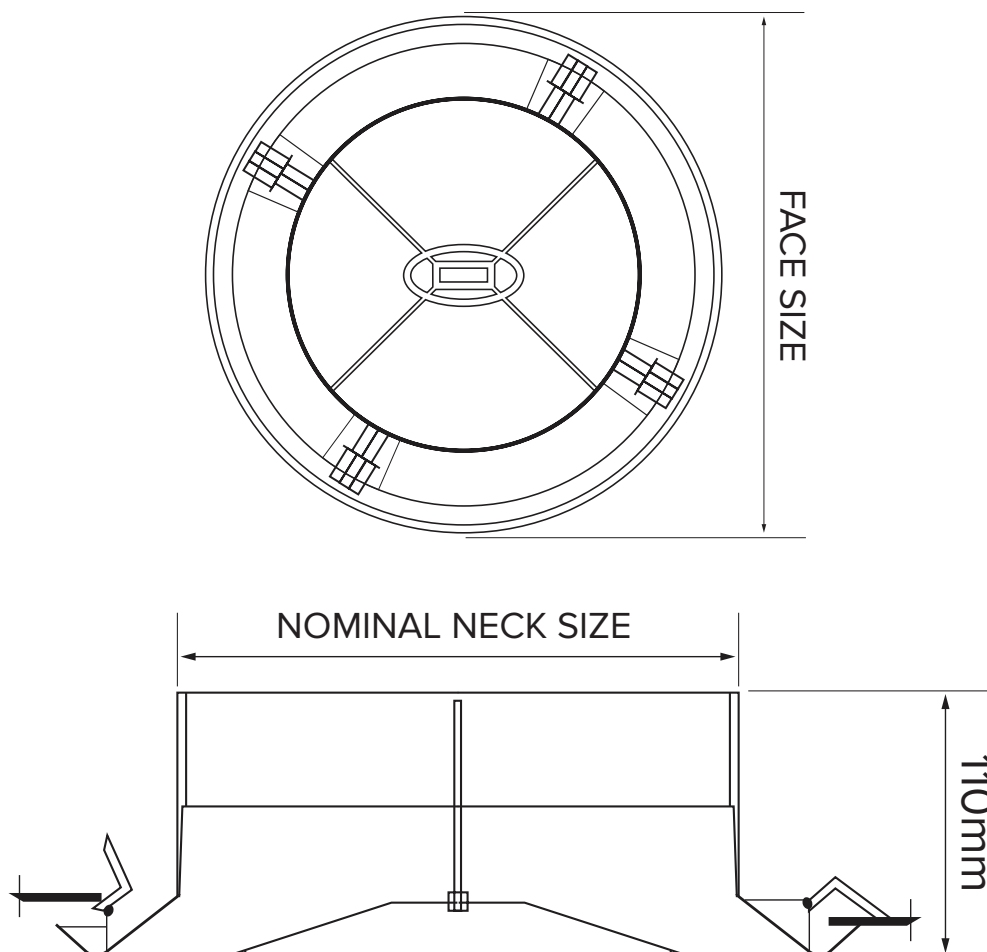
PRODUCT SPECIFICATIONS AND INFORMATION

- **Product ordering code – RND-300**
- Constructed from high quality ABS Polymers
- Depth size 110mm
- Face size 440mm
- Neck size 300mm
- Cut out size 400mm
- Comes with a snap down fixing clip and dual clip arrangement
- Used for supply air heating, cooling and isothermal conditions
- Ideal for plaster modular ceiling applications
- Center of the diffuser can be easily adjusted manually for desired airflow
- Available standard ceiling white
- In stock
- Product suitable for domestic supply and exhaust applications, however this diffuser can also be used in commercial spaces where ceiling heights reach 2.7 metres
- Airfoil tested information available



POLY ROUND DIFFUSER RND-300

CROSS SECTIONAL DIAGRAM



PRODUCT CODE	FACE SIZE	NECK SIZE	CUT OUT SIZE
RND150	260 mm	150 mm	230 mm
RND200	320 mm	200 mm	290 mm
RND250	395 mm	250 mm	360 mm
RND300	440 mm	300 mm	400 mm



DISCLAIMER:

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POLY ROUND DIFFUSER RND-300

PERFORMANCE DATA

			FLOWRATE (l/s)												
			25	50	75	100	125	150	175	200	225	250	275	300	350
RND150	Throw (m)	0.50m/s	1.1	1.5	2.2	2.5	2.7								
	NC		-	15	16	27	35								
	Pstatic (Pa)		7	23	50	84	133								
RND200	Throw (m)	0.50m/s	-	1.4	1.8	2.1	2.4	2.8	3.0						
	NC		-	-	15	24	30	40	42						
	Pstatic (Pa)		-	9	20	36	54	76	103						
RND250	Throw (m)	0.50m/s	-	1.1	1.7	1.6	2.1	2.6	2.8	3.1	3.3	3.5	3.7		
	NC		-	-	-	-	-	15	17	26	29	32	33		
	Pstatic (Pa)			8	17	25	35	44	56	70	85	102	123		
RND300	Throw (m)	0.50m/s	-	.9	1.3	1.5	1.9	2.2	2.5	2.7	2.9	3.1	3.2	3.5	3.9
	NC		-								15	17	22	26	33
	Pstatic (Pa)			3	5	9	11	18	25	32	39	46	59	72	103