



Ceiling Plaque Diffuser

NU



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NU provide a balance between engineering and architectural needs, offering a clean, flush appearance and excellent performance. They are suitable for both ceiling-mounted and exposed duct applications.



Well suited for both heating and cooling applications.

The smooth plaque face is easily adjustable to three positions.

Adjustment positions include:

- **Vertical (for directional throw),**
- **Horizontal for ceiling installations,**
- **Horizontal for exposed ductwork installations.**

Vertical discharge



Horizontal discharge



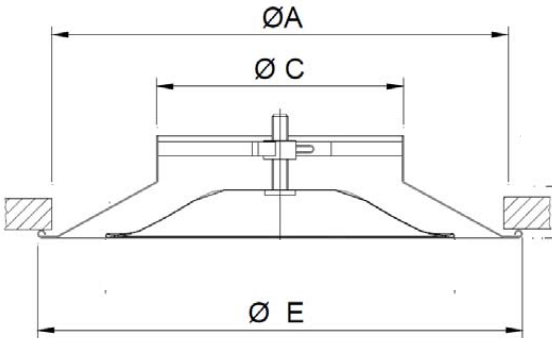
Horizontal airflow with exposed ceiling



Technical sizes

Size	Ø C	Ø E	Ø A
150	147	250	244
200	197	350	344
250	247	445	439
315	312	535	529

in mm



Also available with 600x600 face panel



Neck size	Neck velocity (m/s)	1.52	2.03	2.54	3.05	3.56	4.06	5.08	6.10	7.11
	Velocity pressure (Pa)	2.5	2.5	4.0	5.5	7.7	10.2	15.4	22.4	30.4
150	Airflow (m³/h)	100	134	167	200	233	267	333	401	467
	Pressure loss (Pa)	4.2	6.7	10.0	13.7	17.7	22.4	32.9	45.3	59.0
	NC	< 15	< 15	< 15	< 20	< 20	< 25	< 30	< 35	> 40
	Throw (m) - Coanda effect	0.3-0.6-0.9	0.6-0.9-1.2	0.6-1.2-1.5	0.9-1.2-2.1	0.9-1.5-2.4	1.2-1.8-2.7	1.2-2.1-3.4	1.5-2.7-4.0	1.8-3.0-4.6
	Throw (m) - No ceiling effect	0.3-0.6-0.6	0.3-0.6-0.9	0.6-0.9-1.2	0.6-0.9-1.5	0.6-1.2-1.8	0.9-1.2-2.1	0.9-1.5-2.4	1.2-2.1-3.0	1.5-2.4-3.7
200	Airflow (m³/h)	178	238	297	355	415	474	593	712	
	Pressure loss (Pa)	5.0	8.2	12.0	16.2	21.4	26.9	39.6	54.1	
	NC	< 15	< 15	< 15	< 20	< 25	< 25	< 35	> 40	
	Throw (m) - Coanda effect	0.6-0.9-1.2	0.6-1.2-1.8	0.9-1.5-2.1	0.9-1.5-2.4	1.2-1.8-3.0	1.2-2.1-3.4	1.8-2.7-4.3	2.1-3.4-5.2	
	Throw (m) - No ceiling effect	0.3-0.6-0.9	0.6-0.9-1.2	0.6-0.9-1.5	0.6-1.2-1.8	0.9-1.5-2.1	0.9-1.5-2.4	1.2-2.1-3.0	1.5-2.4-3.7	
250	Airflow (m³/h)	279	370	464	556	649	741	926	1111	
	Pressure loss (Pa)	7.7	12.5	18.4	25.2	33.1	41.3	61.0	83.4	
	NC	< 15	< 15	< 15	< 20	< 25	< 25	< 35	> 40	
	Throw (m) - Coanda effect	0.6-0.9-1.5	0.6-1.2-1.8	0.9-1.5-2.4	1.2-1.8-2.7	1.2-2.1-3.4	1.5-2.4-3.7	1.8-3.0-4.6	2.1-3.7-5.5	
	Throw (m) - No ceiling effect	0.3-0.6-0.9	0.6-0.9-1.5	0.6-1.2-1.8	0.9-1.5-2.1	0.9-1.5-2.4	1.2-1.8-2.7	1.5-2.4-3.4	1.5-2.7-4.3	
315	Airflow (m³/h)	401	533	668	800	934	1067	1334	1600	1869
	Pressure loss (Pa)	7.5	12.5	18.2	24.9	32.4	40.9	60.0	82.0	107.1
	NC	< 15	< 15	< 15	< 20	< 25	< 25	< 30	> 40	> 40
	Throw (m) - Coanda effect	0.6-0.9-1.5	0.9-1.2-2.1	0.9-1.8-2.4	1.2-2.1-3.0	1.5-2.4-3.7	1.5-2.7-4.0	2.1-3.4-5.2	2.4-4.0-6.1	2.7-4.6-7.0
	Throw (m) - No ceiling effect	0.6-0.6-1.2	0.6-0.9-1.5	0.9-1.2-1.8	0.9-1.5-2.4	0.9-1.8-2.7	1.2-2.1-3.0	1.5-2.4-4.0	1.8-3.0-4.6	2.1-3.7-5.2



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