

Air Diffuser Lantern

This air diffuser serves to distribute air supplied into the space above, most often from units on the roof. It may only be installed in a vertical position. It is made from a special fabric, available in 9 different colours. The air is blown horizontally in one to six directions. Vertical sliding strips are used to regulate the flow rate.

5 superlatives

- Lowest price per flow-rate unit
- Simplest air distribution system
- Fastest installation time
- Lowest weight
- Easiest to clean in a washing machine

Other advantages

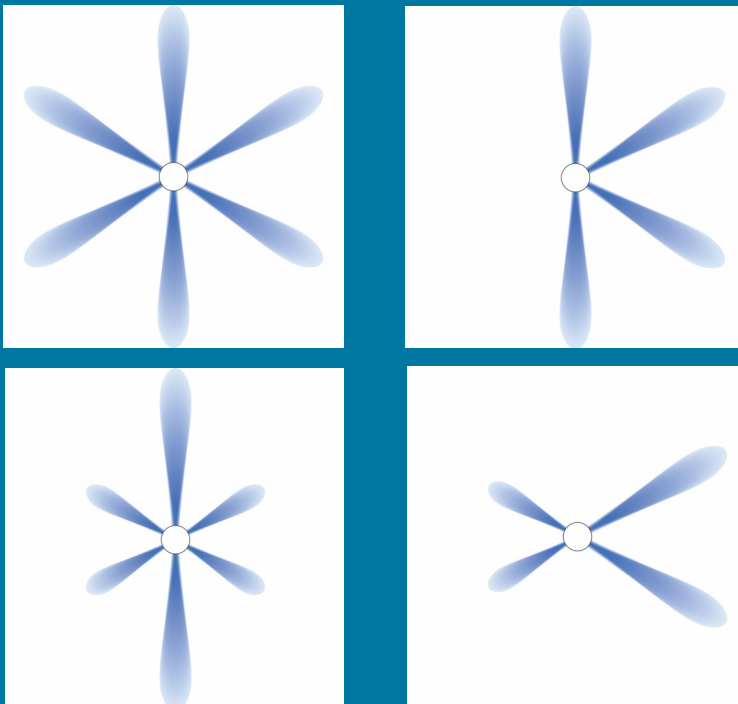
- Option to regulate and direct flow
- Custom-designed solution with no special surcharges
- 10-year warranty on material quality

Fabric properties

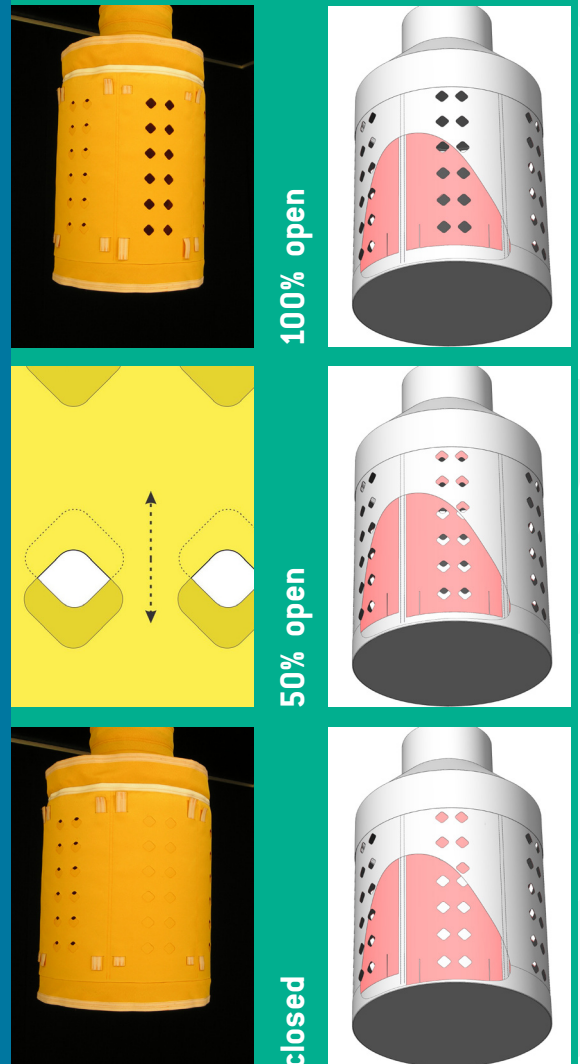
- Fire resistant
- Anti-bacterial
- Anti-static
- Optimal strength
- Suitable for clean rooms



Top views of Airflows – examples

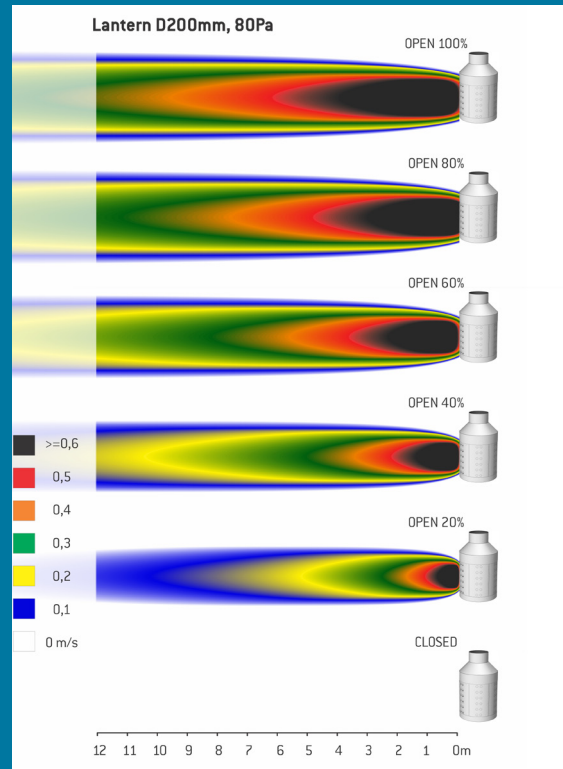
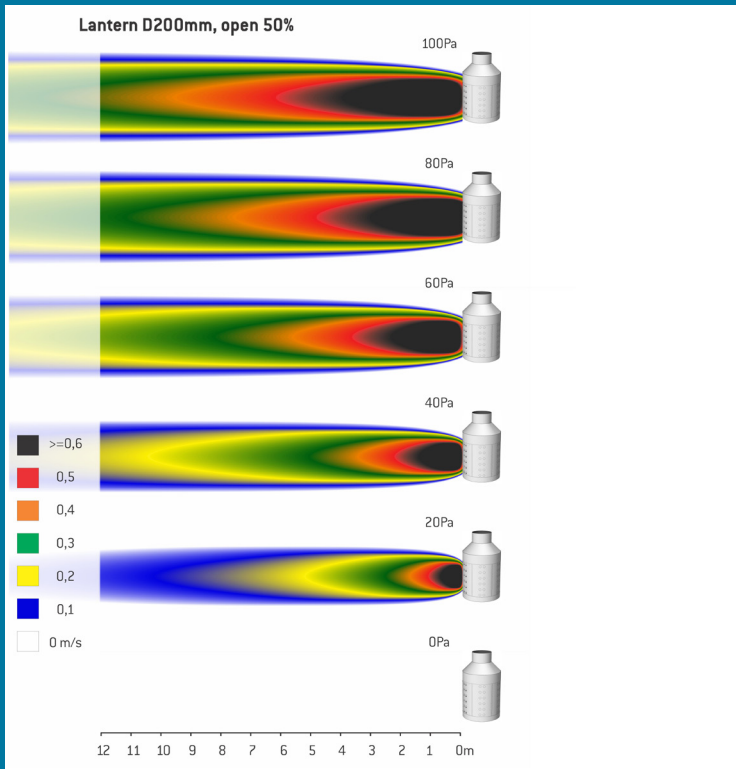


Airflow setting



Visualisation of airflow

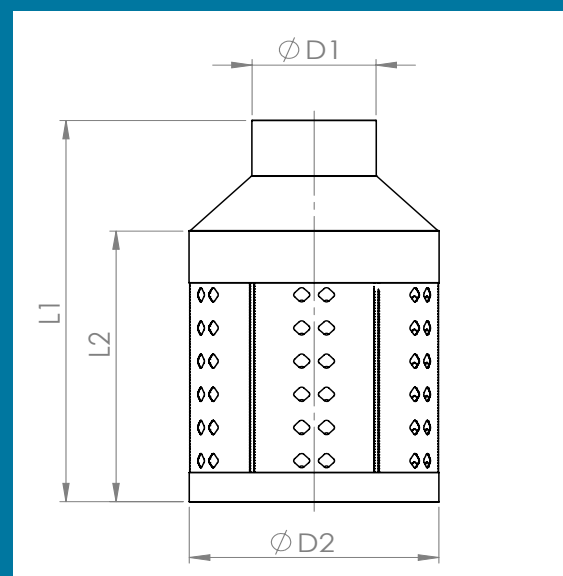
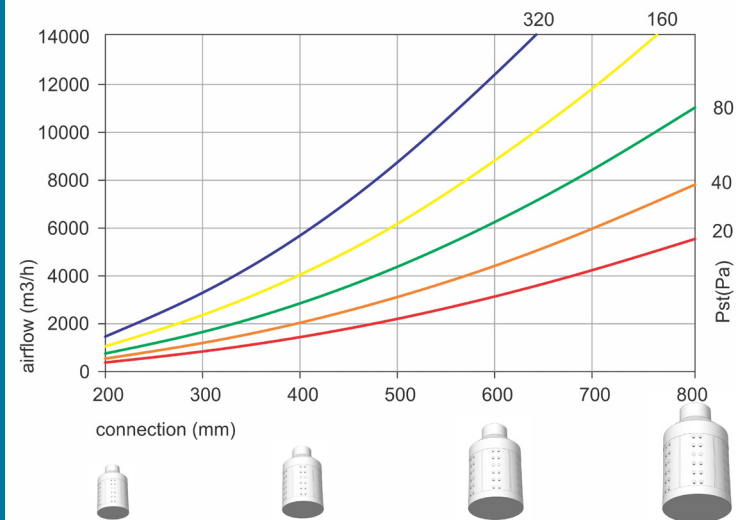
Airflow reaches



Basic data

Connection	D1	mm	200	315	400	500	630	710	800	
Lantern	D2	mm	400	630	800	1000	1260	1420	1600	
Total length	L1	mm	700	942	1170	1380	1653	1821	2060	
Length	L2	mm	500	684	820	980	1188	1316	1460	
Airflow 80 Pa	50% open	V	m3/h	500	1240	2000	3125	4961	6301	8000
	100% open	V	m3/h	1000	2480	4000	6250	9922	12602	16000
Weight	M	kg	1,0	2,1	3,2	4,9	7,5	9,3	11,7	

Dependence of airflow on pressure (example)



We can make a wide variety of modifications to order, generally with no special surcharge. We will provide other pressure and flow speed values [including temperature-dependent figures] for a specific assignment.