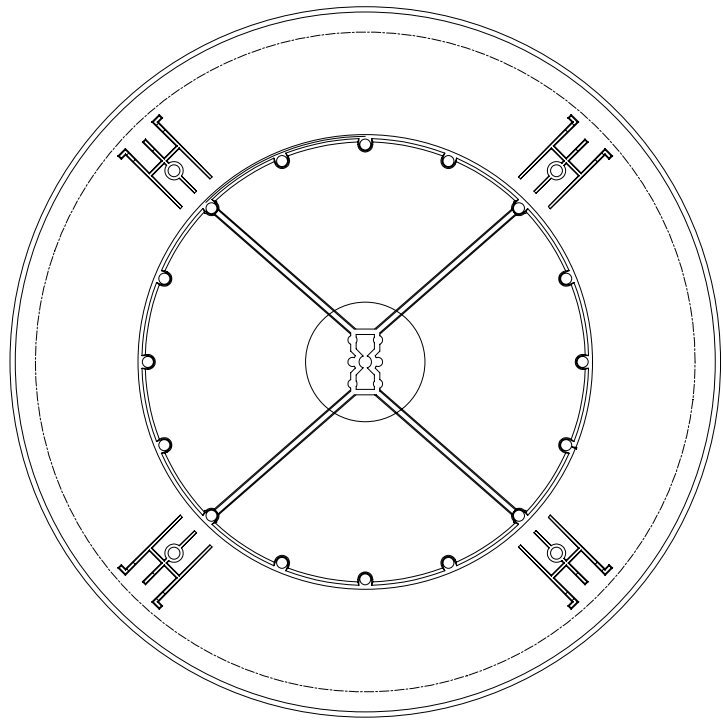
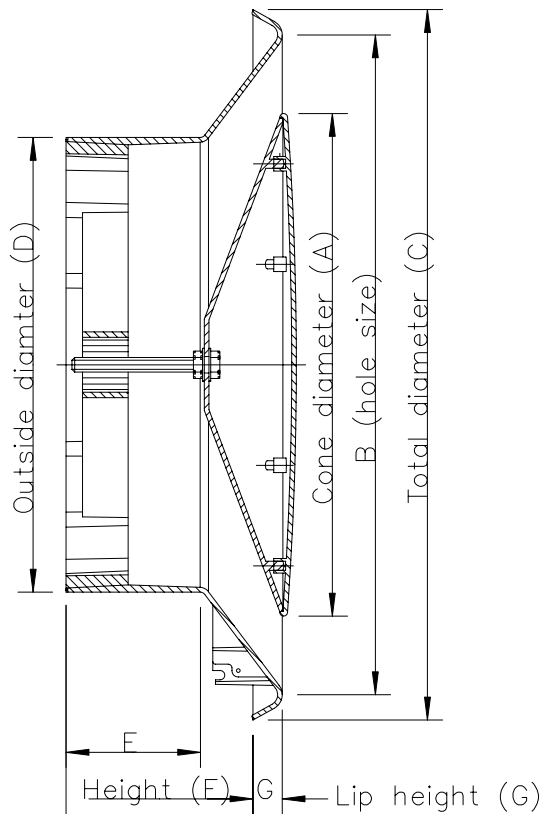
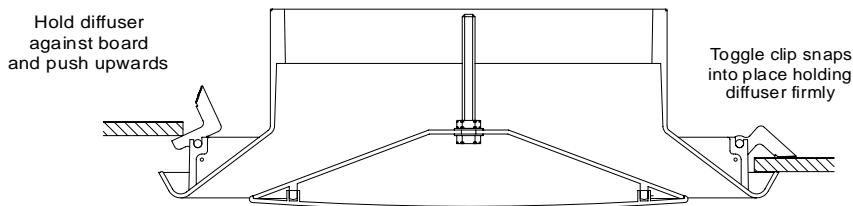


Engineering Data



Model	A	B	C	D	E	F	G
106	185	232	265	147	73	95	16
108	225	282	318	197	75	96	17
110	275	355	390	249	75	100	17
112	326	405	441	299	70	103	17



Operation of toggle clips

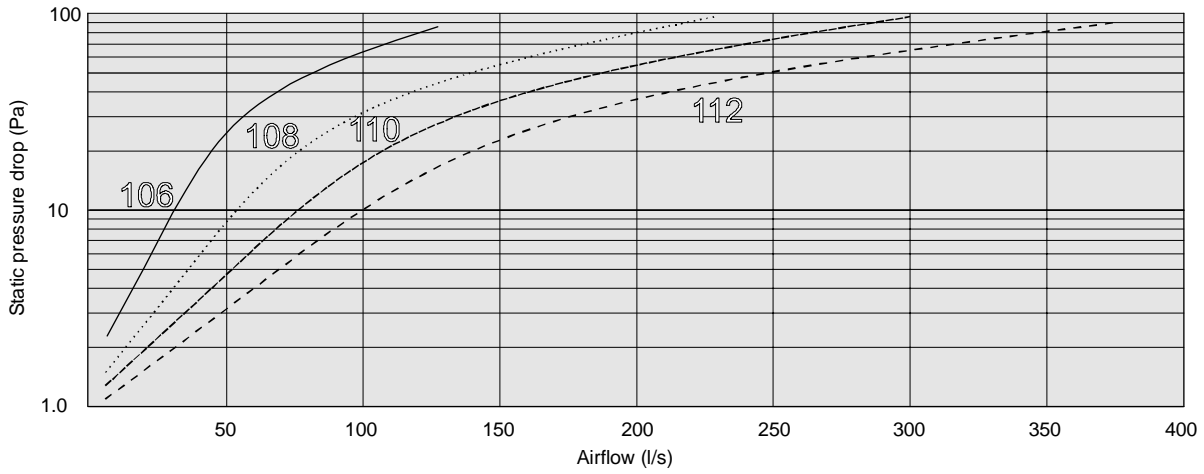
Description: Round Ceiling Diffusers suitable for ceiling mounted cooling, heating or ventilation applications. Four sizes are available.

Construction: All models are constructed from A.B.S polymers providing long term strength and rigidity. ABS polymers have a low volatile organic compound release in normal use. The A.B.S blend has a softening point well above that required for heating applications. The air passages are smoothed and graduated, ensuring quiet and efficient airflow. The external exposed surfaces have an etched finish. The centre cone can be wound up or down to adjust the airflow. Total shut-off can be achieved by winding the centre cone in.

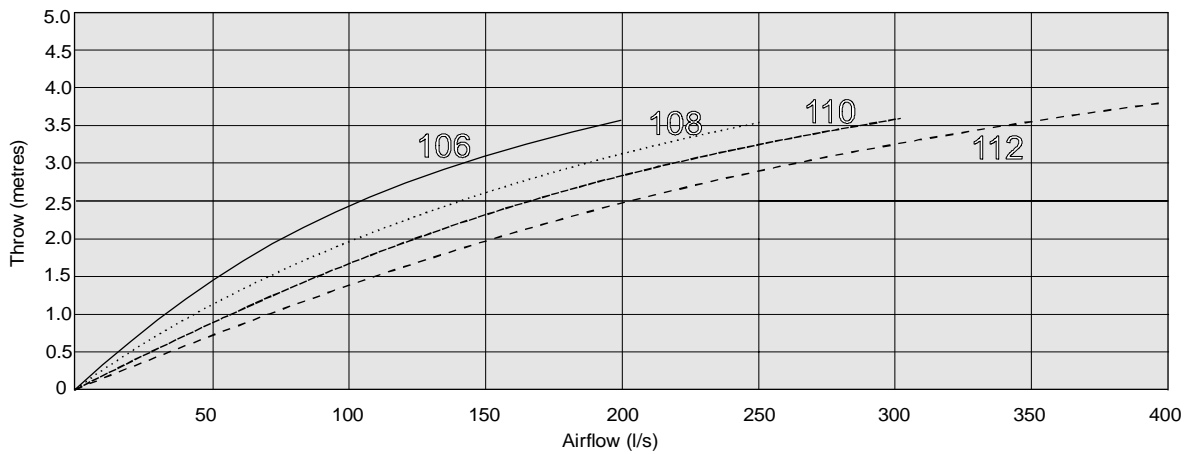
Performance: The centre cone acts as a damper to the airflow, thereby leading to an increase in exit velocity relative to the duct velocity. The airflow hugs the outer body, and spreads out in a concentric pattern along the ceiling. The airflow pattern is ideal for cooling applications where cool air flows from the diffuser, along the ceiling and settles down wards. The diffuser can also be used for heating applications in rooms with standard ceiling height where some stratification may be considered acceptable, such as in reverse-cycle applications.

Finish: Standard finish is off-white. The surface has an etched face, which lowers light reflections, and ensures an unobtrusive finish.

Engineering Data



Static pressure drop versus airflow



Throw versus airflow

Metric