

CAP-G

Square multi nozzle ceiling diffuser



Function

CAP-G is a ceiling diffuser with directionally adjustable nozzles. This enables functionality in a vast range of operation modes like horizontal, vertical, diagonal, single- or multi-directional and swirl for both, cooling and heating. Typical installation sites are offices, hospitals, public and business buildings etc. The installation height is up to 4m. It is possible to remove the diffuser face to access the duct system and for easy cleaning and service. Pull the front plate one step out from the main body to create an air gap around the diffuser increasing the flow capacity. Max temperature difference for cooled air ΔT 12 K.

Design

The diffuser is made of powder paint coated galvanized steel sheet. The nozzles are ABS Plastics. The diffuser plate is adjustably attached to the base with circular tight connection.

Mounting

The diffuser is specially designed for flush mounting in false ceiling. By opening a square hole in the ceiling slab the diffuser back box can be completely recessed into the opening onto the metal flange. The flange, which is part of the back box, is used to cover the edges of the opening. The diffuser is fastened to the duct or plenum box THOR from the inside of the spigot by screws or pop rivets. The front plate with the nozzles is easily detached from the back box by gently inserting a screwdriver in openings on the side after which the two parts are bent apart. In the same fashion a small extra air gap can be created around the diffuser.

Dimensions

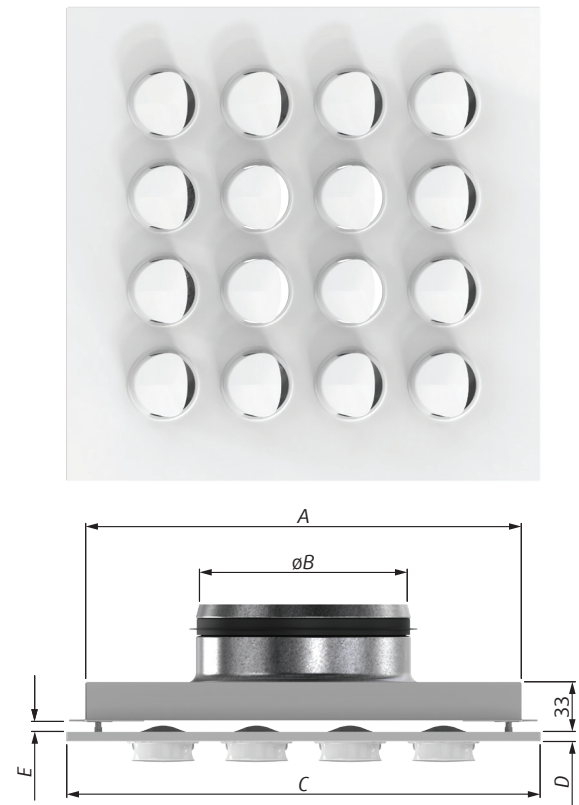


Fig. 1: CAP-G dimensions

Ordering code	A	øB	C	D	E	F	m
	(mm)						(kg)
CAP-G-125-16 *	326	124	355	7,4	7,5	40	2,0
CAP-G-160-25 *		159					2,1
CAP-G-200-36 *	426	199	455				3,3
CAP-G-250-49 *	561	249	595				5,0
CAP-G-315-81 *		314					4,9

Tab. 1: CAP-G dimensions and weight
NOTE: * Number of nozzles