

**DESCRIPTION**

This unit is specially designed for use in high velocity air conditions systems to supply the specified amount of air in the rooms. It ensures optimum distribution of the air in the room and gives possibilities to adjust the room temperature. The unit consists of an internally insulated box. It has an inlet opening equipped with a throttling device for setting of design maximum airflow, and regulation of the airflow below this. The outlet opening through the ceiling is equipped with a supply diffuser, circular or rectangular. Designed airflow supplied through the unit is set by adjusting the opening of the throttling device within the unit. Regulation of the airflow below this is done from outside of the unit, by a knob situated on the diffuser. The temperature within the room is controlled by this manual adjustment of the supplied air quantity.

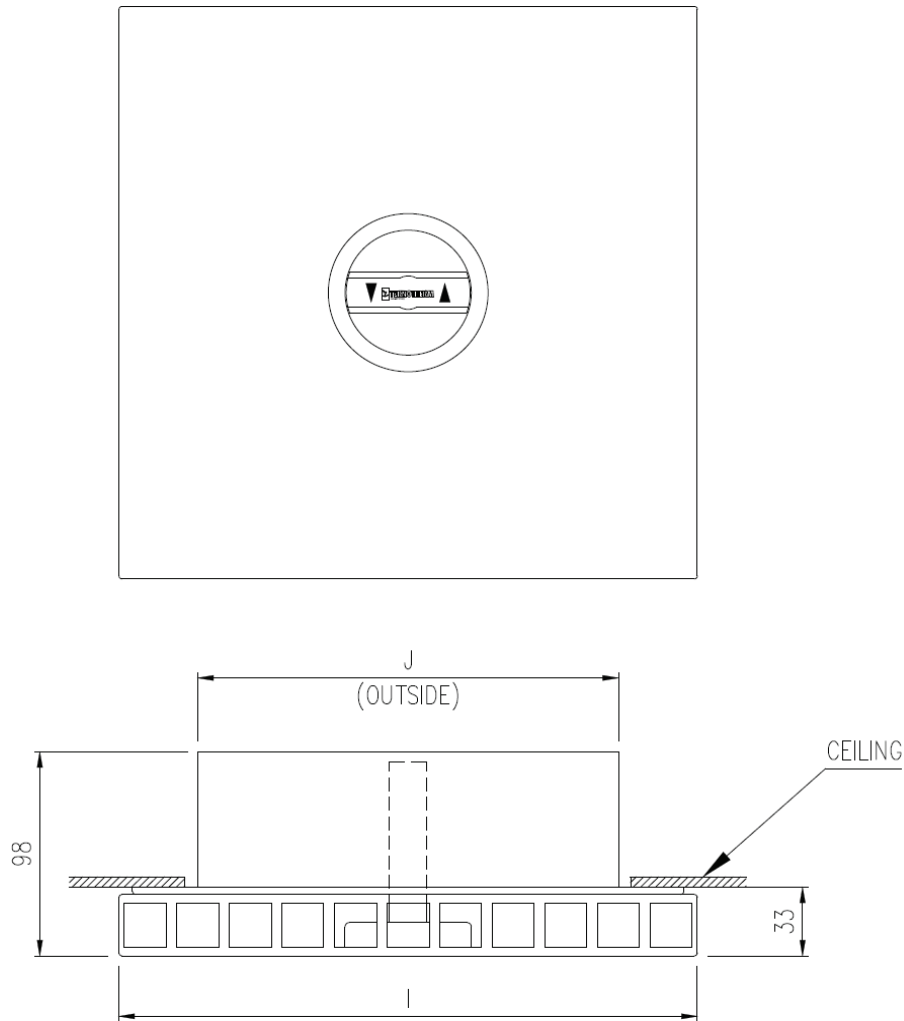
TECHNICAL SPECIFICATION & DIMENSIONS

- material casing: galvanized sheet steel
- material throttling device: galvanized sheet steel
- material insulation: mineral wool
- material diffuser: steel sheet, white epoxy
- material regulating knob: plastic

Hz	63	125	250	500	1k	2k	4k	8k
ΔL	21	15	16	19	21	20	14	14
k	-	7	5	1	-4	-5	-7	-7

Sound attenuation, ΔL including end reflection.

Sound power level: $LW = LA + k$

Diffuser UAD-SC for cabin unit UAT 1C


Cabin unit type	UAD-SC Dimensions	
	I	ØJ
UAT-1.0C	275	199
UAT-1.1C	275	199
UAT-1.2C	325	249