

## Swirl diffusers SAC



Adjustable blades



Powder-coated in white color RAL 9016



National Technical Assessment

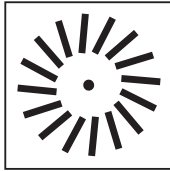
### Description

Swirl diffusers "SAC" HAVACO are intended for low and medium pressure ventilation systems. They are mounted in the plane of ceiling. Made of steel sheet, powder coated, finished in colour RAL 9016. A characteristic feature is the air outlet which swirls the incoming air to mix the indoor air volume with the fresh air stream. Equipped with adjustable plastic vanes (from 8 to 48 vanes, depending on the type) in order to direct the airflow. Easy assembly, standard mounting with plenum box. Designed to operate with variable or fixed airflow. Mounted in the plane of the ceiling. Made of galvanised steel, powder coated, finished in colour RAL 9016.

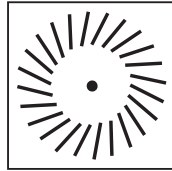
### Technical drawing [mm]



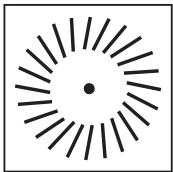
□ 300mm \* 8 vanes



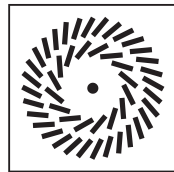
□ 400mm \* 16 vanes



□ 500mm \* 24 vanes



□ 600mm \* 24 vanes

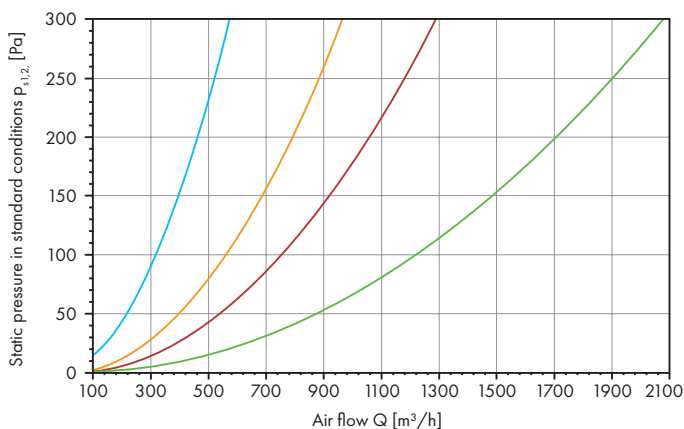


□ 600mm \* 48 vanes

### Dimensions [mm]

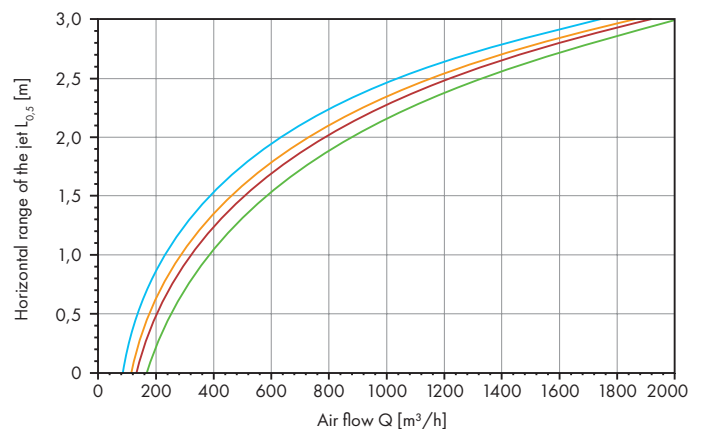
Model	Diffuser dimension	Model	Diffuser dimension
SAC 300/8	298x298	SAC 600/24	595x595
SAC 400/16	396x396	SAC 600/48	595x595
SAC 500/24	498x498	-	-

### Static pressure drop in standard conditions on SAC diffuser depending on air flow rate



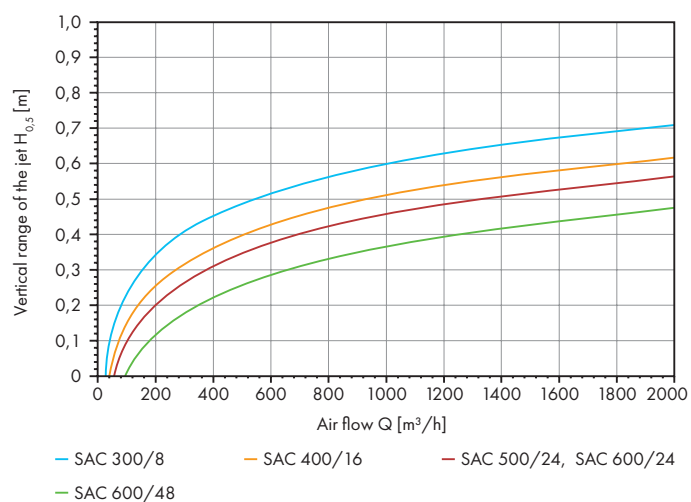
— SAC 300/8      — SAC 400/16      — SAC 500/24, SAC 600/24  
— SAC 600/48

### Horizontal reach of $L_{0,5}$ SAC jet for left-facing blades depending on air flow rate

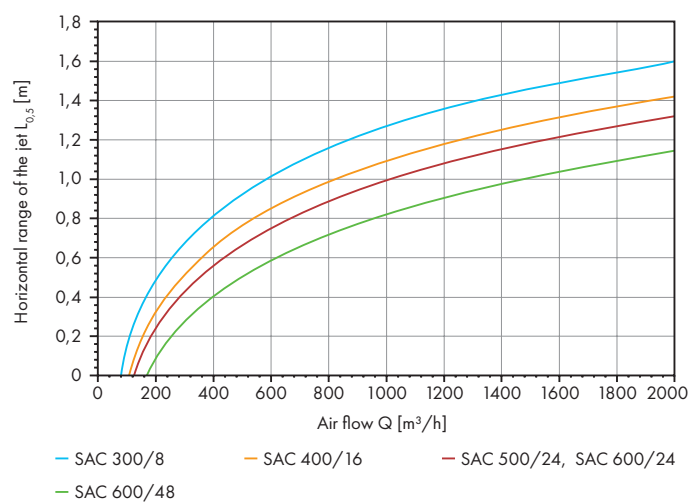


— SAC 300/8      — SAC 400/16      — SAC 500/24, SAC 600/24  
— SAC 600/48

### Vertical reach of $H_{0,5}$ SAC jet for left-facing blades depending on air flow rate



### Horizontal reach of $L_{0,5}$ SAC jet for right-facing blades depending on air flow rate



### Vertical reach of $H_{0,5}$ SAC jet for right-facing blades depending on air flow rate

