



## CTVM

**Clean diffuser**  
**Perforated diffuser**  
**Supply**  
**T-bar mounted in modular ceiling**

### Available types

#### CTVMIO-

- C** perforated diffuser
- T** supply
- V** flat perforated
- M** modular ceiling, panel size 600 mm
- I** T-bar mounted
- O** no accessories

#### - Version

- A** round top connection
- B** smooth bend (supplied separately)
- R** internally insulated plenum box (supplied separately)
- R** uninsulated plenum box (supplied separately)

### SA-Select

Check SA-Select to create extended order codes and selection details online. **NB!** At this moment, SA-Select is only available in Dutch. But it is possible to create extended order codes and selection details online.

### Use

The CTVM perforated diffuser is suitable for supplying cooled or heated air with a small temperature difference in respect of the room temperature. The diffuser is used for constant-volume systems. The diffuser can be T-bar mounted in a modular ceiling with a panel size of 600 mm and can be fitted with a smooth bend or an insulated or uninsulated plenum box. The high induction effect outside the diffuser and the pure radial discharge pattern produced by the patented stabiliser ensure minimum smudging of the diffuser and the ceiling. With the pure radial discharge pattern, the diffuser is also suitable for lower rooms.

### Characteristics

Undertemperature: up to 8 K  
 Overtemperature: up to 2 K  
 Free flow: 16 %

### Version

#### Perforated diffuser

Front face: steel  
 Post-treatment: epoxy  
 Colour: white RAL 9010, optional RAL colour of your choice

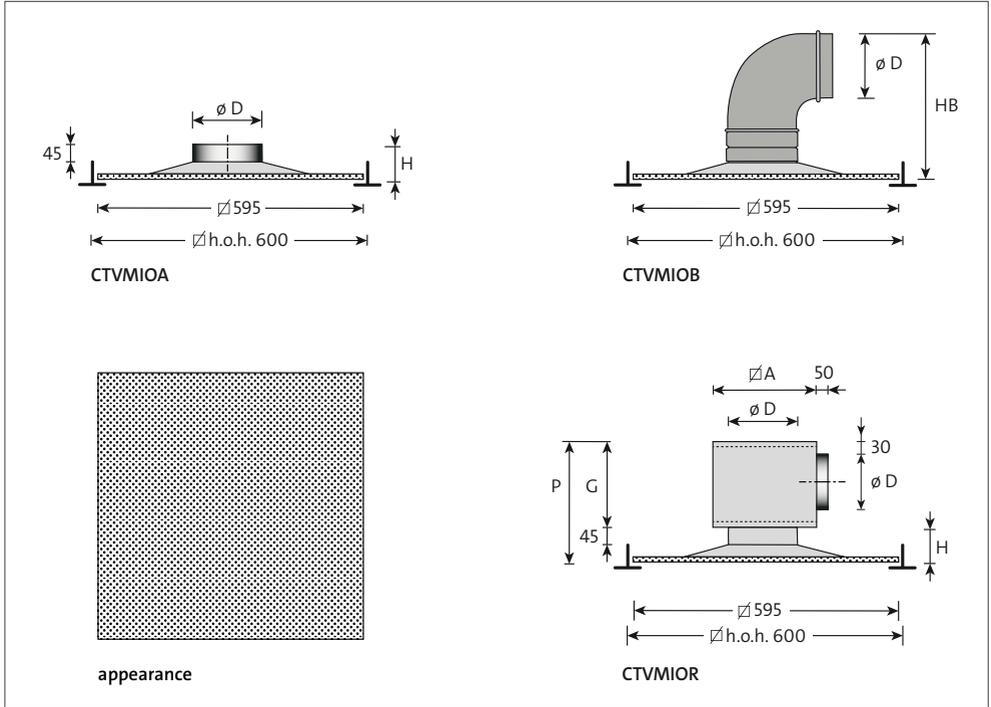
#### Plenum box

Material: sendzimir galvanised steel  
 Internal insulation: 1/2" duct liner

#### Smooth bend

Material: sendzimir galvanised steel

## Dimensions



## Available dimensions and sizes

model	A	D	G	P	H	HB
200	184	98	146	210	74	280
250	184	123	171	236	75	320
350	219	158	206	279	83	382
450	259	198	246	327	91	450

### Note

- The listed dimensions are in mm.

## Selection details

### CTVM

air volume		model	throw m	$\Delta p_s$ Pa	$L_{PA}$ dB(A)
m <sup>3</sup> /s	m <sup>3</sup> /h				
0.015	54	200	1.2	8	10
0.020	72	200	1.5	12	16
		200	1.8	17	21
0.025	90	250	1.0	6	13
		250	1.2	8	18
0.040	144	250	1.4	13	24
		350	1.0	6	10
0.050	180	350	1.2	9	15
0.060	216	350	1.5	12	20
0.070	252	350	1.8	17	24
		450	1.3	8	9
0.080	288	450	1.6	10	14

### General

- The throw applies to flush-mounting in a flat, closed ceiling.
- The assumed room attenuation is 10 dB.
- It is permitted to interpolate the interim values.