

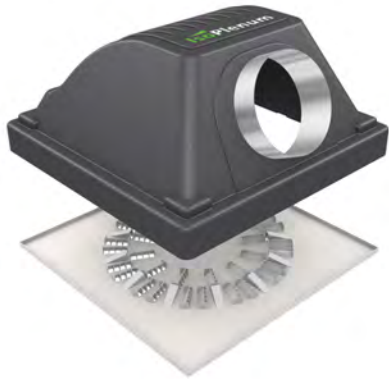
# IsoPlenum

light weight plenum box

 **IsoPlenum**®

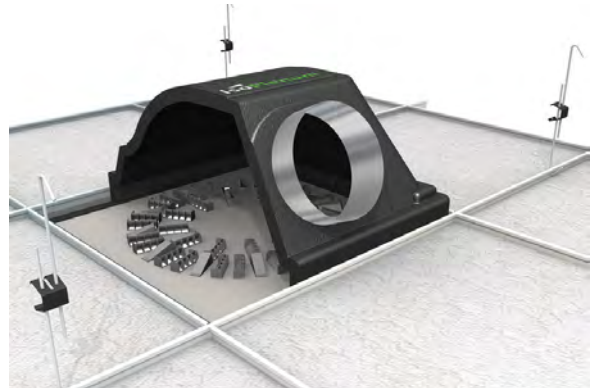
## Plenums

### IsoPlenum



### Introduction

IsoPlenum is a plenum made of EPP (expanded polypropylene). EPP has a closed cell structure so there is no moisture absorption. The plenum weighs only 800 grams. Due to its low weight, this plenum does not need to be suspended from the structural construction. This results in considerable savings on installation costs. The special sloping round shape of the plenum and the stackability of the plenum result in savings of approx. 80% on transport and storage costs. The plenum has a high thermal insulation value of 0.040 W/(m-K). This insulation value has been checked by an independent measurement institute. The connection between the grille plate and IsoPlenum is made by high-quality, durable double-sided adhesive tape made of E.P. (Ethylene Propylene).



### Product Description:

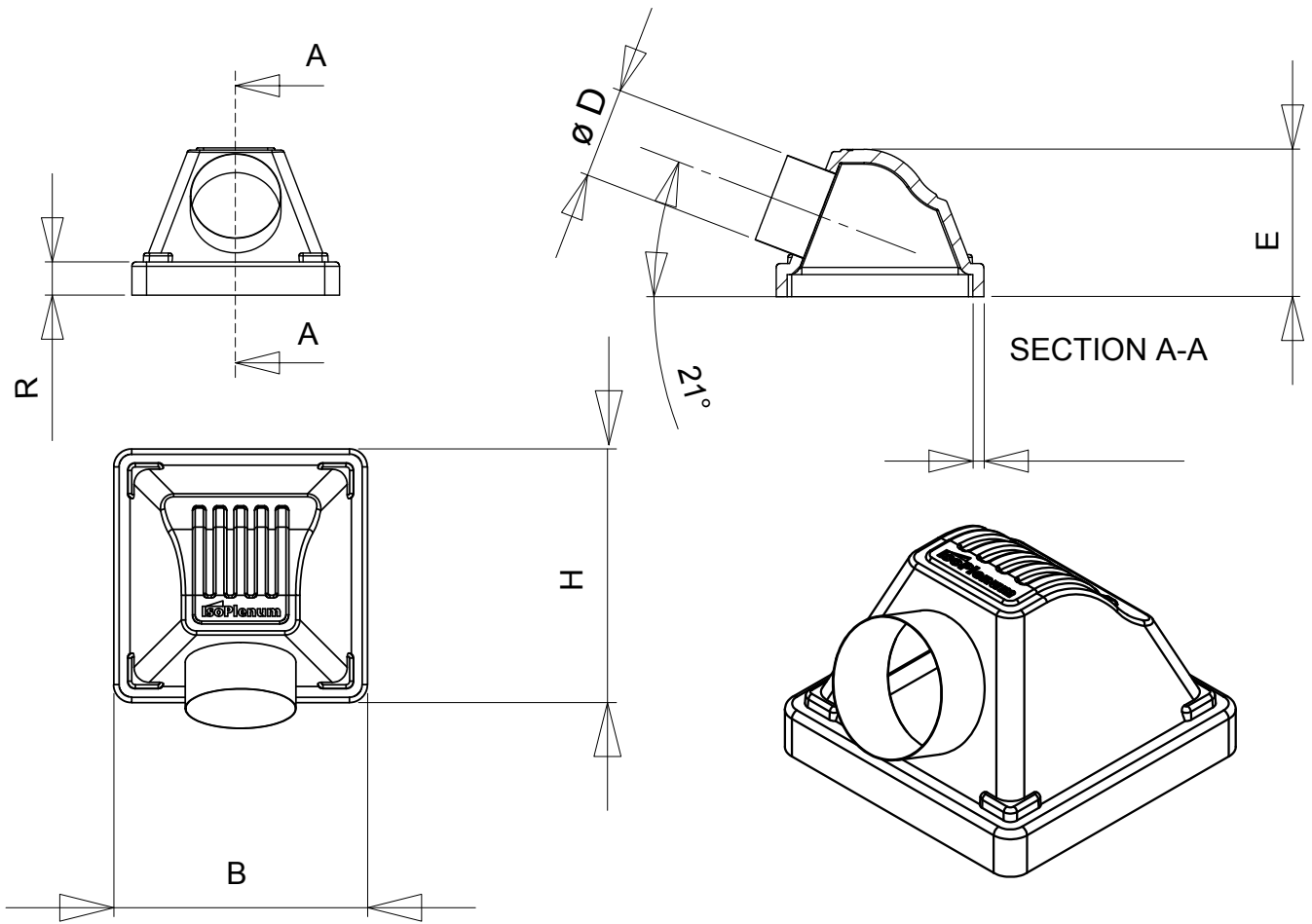
- IsoPlenum 250 (OV) - Oval connection
- IsoPlenum - Round connection

### Properties

- Stackable: 80% savings on transport and storage costs
- No propellants, so no CFCs
- Very environmentally friendly, sustainable, 100% recyclable
- Fire class B2 (standard version)
- Temperature resistance from -40 to +110 °C
- Thermal insulation value: 0.040 W/(m-K)
- Closed cell structure, no risk of condensation
- Weight only 800 grams (37 kg/m<sup>3</sup>)
- High energy absorption value
- Lifespan: longer than 50 years
- Can be mounted directly on the diffuser: savings on installation costs
- Various types and sizes
- Now also available in flame extinguishing versions for projects



**Technical data IsoPlenum**  
**Round connection**

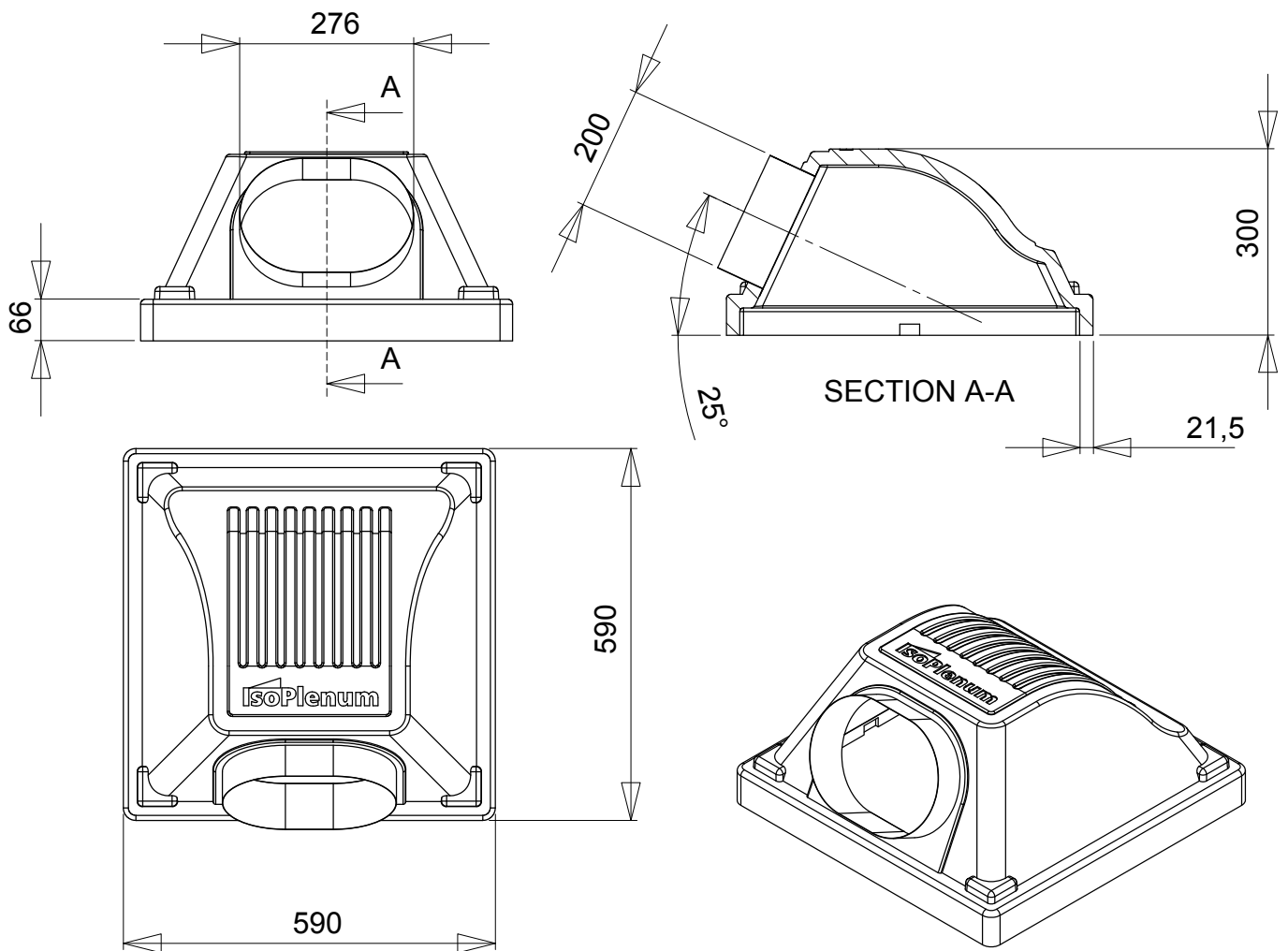


**Sizes**

Model	Afmetingen B x H x E in mm	Hoogte rand R in mm	Dikte rand in mm	Luchtaansluiting $\varnothing$ in mm
300/125	290 x 290 x 200	45	15	$\varnothing$ 125
500/125	490 x 490 x 240	55	22	$\varnothing$ 125
500/160	490 x 490 x 240	55	22	$\varnothing$ 160
600/160	590 x 590 x 300	66	21.5	$\varnothing$ 160
600/200	590 x 590 x 300	66	21.5	$\varnothing$ 200

## Technical data IsoPlenum 250 (OV)

### Oval connection



### Sizes

Model	Afmetingen	Hoogte rand	Dikte rand	Luchtaansluiting
	B x H x E in mm	R		ø in mm
xx 600/250 xx	590 x 590 x 300	66	21.5	ø 250 (ovaal)





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