

# Alsident® System 25

PETG



## Product Information

 **alsident®  
system**

*A cleaner working environment*



SYSTEM 25

SYSTEM 50

SYSTEM 63

SYSTEM 75

SYSTEM 100





## Product Description



### System 25 - Cabinets

System 25 from ALSIDENT SYSTEM® features three Types of work cabinets. **Type 1** is made of a compression-moulded transparent PETG top and sides of transparent PETG assembled in the corners with anodised aluminium profiles. The light pyramidal top has a tempered glass plate in order to keep a good view of the work piece. The **Type 1** cabinets are available in three standard heights. The **Type 2** cabinet is a compression-moulded cabinet with a small base and opening. This cabinet also has a tempered glass plate in order to keep a good view of the work piece. Both Types are available with a flange as connection to ventilation duct/flexible hose. The top of cabinet **Type 3** on the powder coated steel sides is the hood known from System 75 measuring 420 x 320mm. The standard cabinet is delivered with flange, stub pipes and joint with damper.

System 25 is applicable in various work places such as hospitals, laboratories, dental clinics, dental laboratories, pharmacies and hairdressing salons.

Customized cabinets are available on request.



## Technical Specifications

### Recommended Airflow

	TYPE 1	TYPE 2	TYPE 3
<b>Maximum</b>	220/550/850 m <sup>3</sup> /h	117 m <sup>3</sup> /h	200 m <sup>3</sup> /h

### Air Temperature

	TYPE 1	TYPE 2	TYPE 3
<b>Temperature</b>	-15°C - +90°C	-15°C - +90°C	-15°C - +90°C

### Material

	TYPE 1	TYPE 2	TYPE 3
<b>Top</b>	Compression-moulded transparent PETG		Compression-moulded transparent PETG
<b>Window</b>	Tempered glass	Tempered glass	
<b>Sides</b>	Transparent PETG*		Powder coated steel
<b>Corner profile</b>	Anodised Aluminium		
<b>Edge profile</b>	Anodised Aluminium		
<b>Clamp profile</b>	Rubber	Rubber	
<b>Cabinet flange</b>	Polypropylene (PP)	Polypropylene (PP)	
<b>Cabinet</b>		Compression-moulded transparent PETG	
<b>Flange inner/outer</b>			Polypropylene (PP)
<b>Stub pipe</b>			Anodised Aluminium
<b>Joint</b>			Polypropylene (PP)
<b>O-ring</b>			Polyethylene (PE)
<b>Damper</b>			Polyethylene (PE)
<b>Finger screw</b>			Polypropylene (PP)
<b>Threaded stay</b>			Acid-proof stainless steel

\*) Polyethylenterephthalat, Glycol modified

## Key to the signatures

SYSTEM NO.	CHAPTER	PAGE
<b>25</b>	<b>GI</b> General Information	<b>01</b>
	<b>TY</b> Type (1/2/3)	
	<b>SP</b> Special cabinet	

# Product Overview



## Type 1

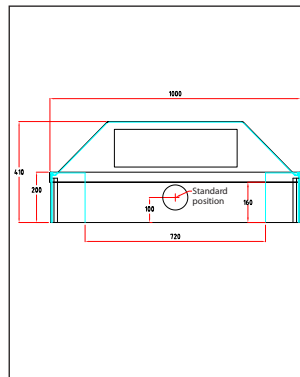
### Type 1 – small

Article no: 25-106020-4 /-5

Cabinet with loose top and sides made of PETG.

**Dimensions**

Height of sides: 200 mm  
 Height of cabinet: 410 mm  
 Width: 1.000 mm  
 Depth: 600 mm  
 Opening: 720 x 160 mm  
 Airflow 220 m<sup>3</sup>/h



Basic article no.	Red*	White*
25-106020	-4	-5

\*The colour code is for the protective corners on the window and flange

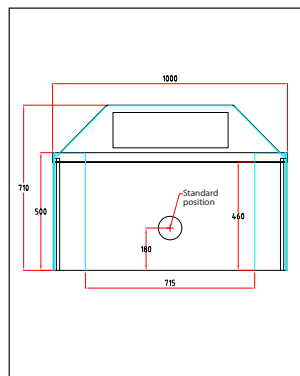
### Type 1 – medium

Article no: 25-106050-4 /-5

Cabinet with loose top and sides made of PETG. Because of the height and size of the opening, the cabinet is specially suitable for measuring processes and instruments.

**Dimensions**

Height of sides: 500 mm  
 Height of cabinet: 710 mm  
 Width: 1.000 mm  
 Depth: 600 mm  
 Opening: 715 x 460 mm  
 Airflow 550 m<sup>3</sup>/h



Basic article no.	Red*	White*
25-106050	-4	-5

\*The colour code is for the protective corners on the window and flange

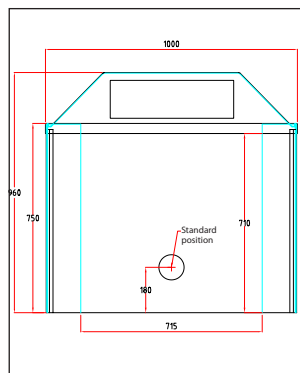
### Type 1 – large

Article no: 25-106075-4 /-5

Cabinet with loose top and sides made of PETG. Because of the height and size of the opening, the cabinet is specially suitable for measuring processes and instruments.

**Dimensions**

Height of sides: 750 mm  
 Height of cabinet: 960 mm  
 Width: 1.000 mm  
 Depth: 600 mm  
 Opening: 715 x 710 mm  
 Airflow 850 m<sup>3</sup>/h



Basic article no.	Red*	White*
25-106075	-4	-5

\*The colour code is for the protective corners on the window and flange

# Product Overview



## Types 2 and 3

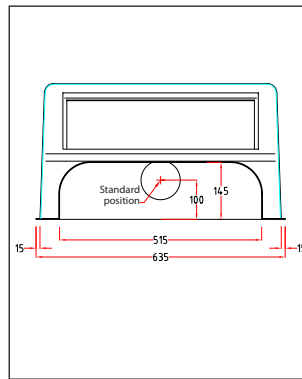
### Type 2

**Article no: 25-604535-0-4 /-5**

Compression moulded cabinet made of PETG with a window in order to keep a good view of the work piece. The small opening makes the cabinet suitable for manual work such as grinding of small work pieces.

**Dimensions**

Height of cabinet:	350 mm
Width:	635 mm
Depth:	480 mm
Opening:	515 x 145 mm
Airflow	117 m <sup>3</sup> /h



Basic article no.	Red*	White*
25-604535-0 (no flange)	-4	-5

\*The colour code is for the protective corners on the window and flange

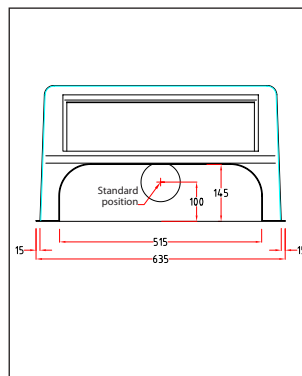
### Type 2 – Opal

**Article no: 25-604535-0-7-4 /-5**

Compression moulded cabinet made of PETG with a window in order to keep a good view of the work piece. The small opening makes the cabinet suitable for manual work such as grinding of small work pieces.

**Dimensions**

Height of cabinet:	350 mm
Width:	635 mm
Depth:	480 mm
Opening:	515 x 145 mm
Airflow	117 m <sup>3</sup> /h



Basic article no.	Red*	White*
25-604535-0-7 (no flange)	-4	-5

\*The colour code is for the protective corners on the window and flange

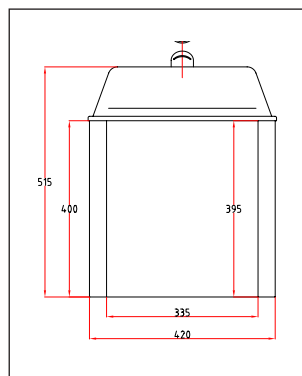
### Type 3

**Article no: 25-4030**

Cabinet with square hood and sides made of powder coated Steel. Incl. stub pipe, joint with damper and tube 75 mm dia. See drawing page T3 01.

**Dimensions**

Height of sides:	400 mm
Height of cabinet:	515 mm
Width:	420 mm
Depth:	320 mm
Opening:	435 x 395 mm
Airflow	200 m <sup>3</sup> /h





# Product Overview

## Cabinet flanges



### Cabinet flanges

Mounting of flanges is optional. Flanges can be mounted on cabinet types 1 and 2 preparing the cabinet for connection to ventilation system. When ordering customized placement of flange, please send a drawing.

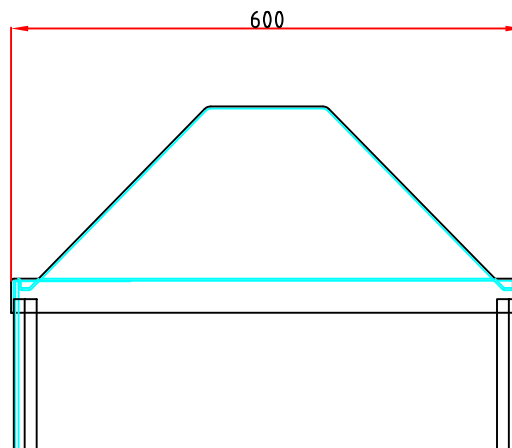
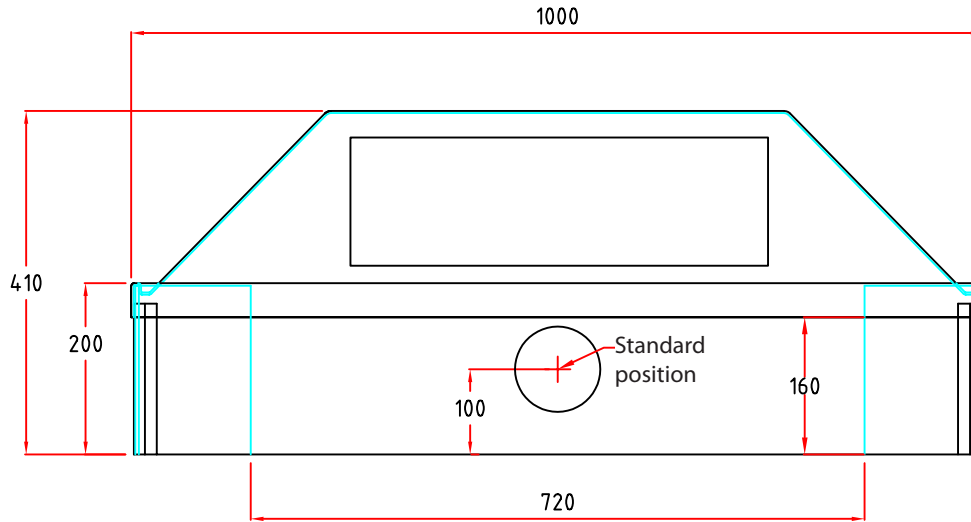
Size/dia.	Basic article no.	Red	White
Ø 50	4-50-13	-4	-5
Ø 75	4-75-13	-4	-5
Ø 80	4-80-13	-4	-5
Ø 100	4-100-13	-4	-5
Ø 125	4-125-13	-4	-5
Ø 160	4-160-13	-4	-5





### Type 1 – Small

Article no: 25-106020-4 /-5



(All dimensions in mm)

The flange is placed as standard if no special position is wanted.

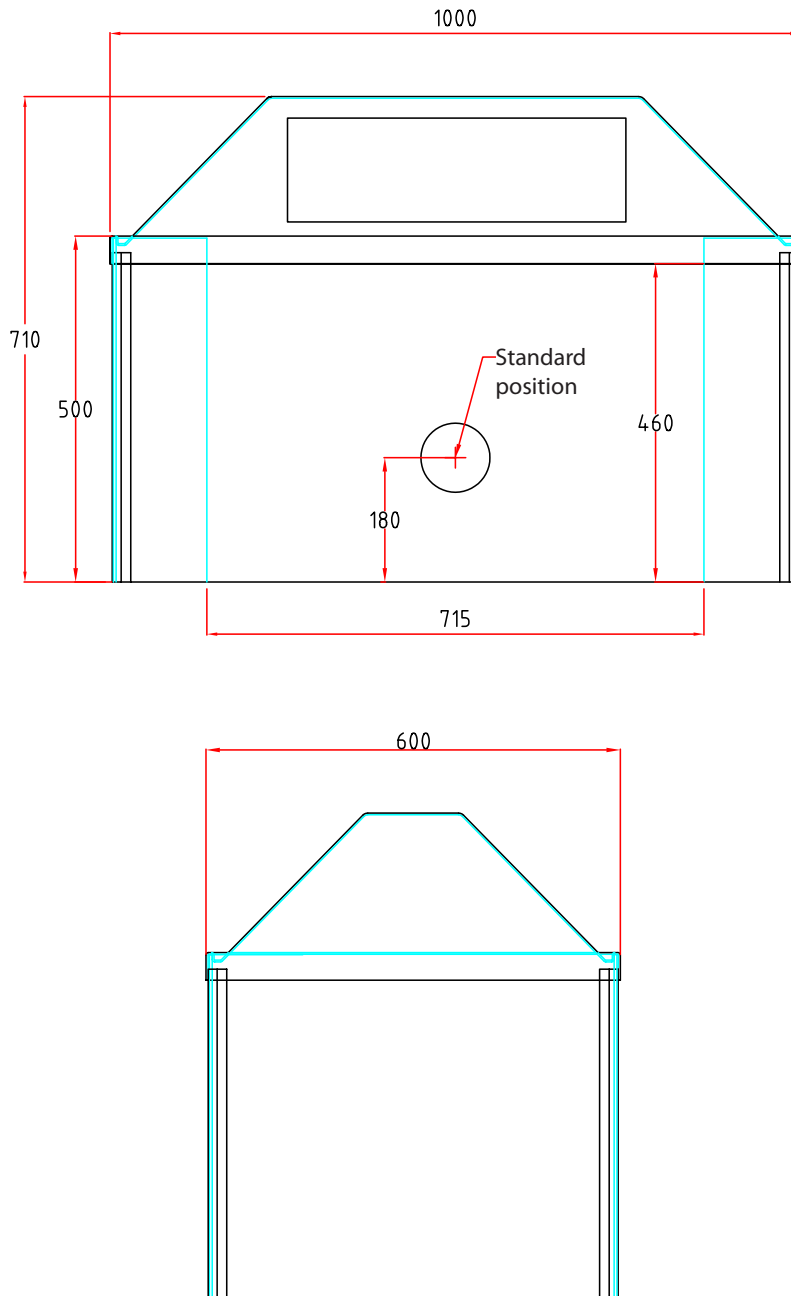


# Work cabinets

## Dimensions



**Type 1 – Medium** **Article no: 25-106050-4 /-5**

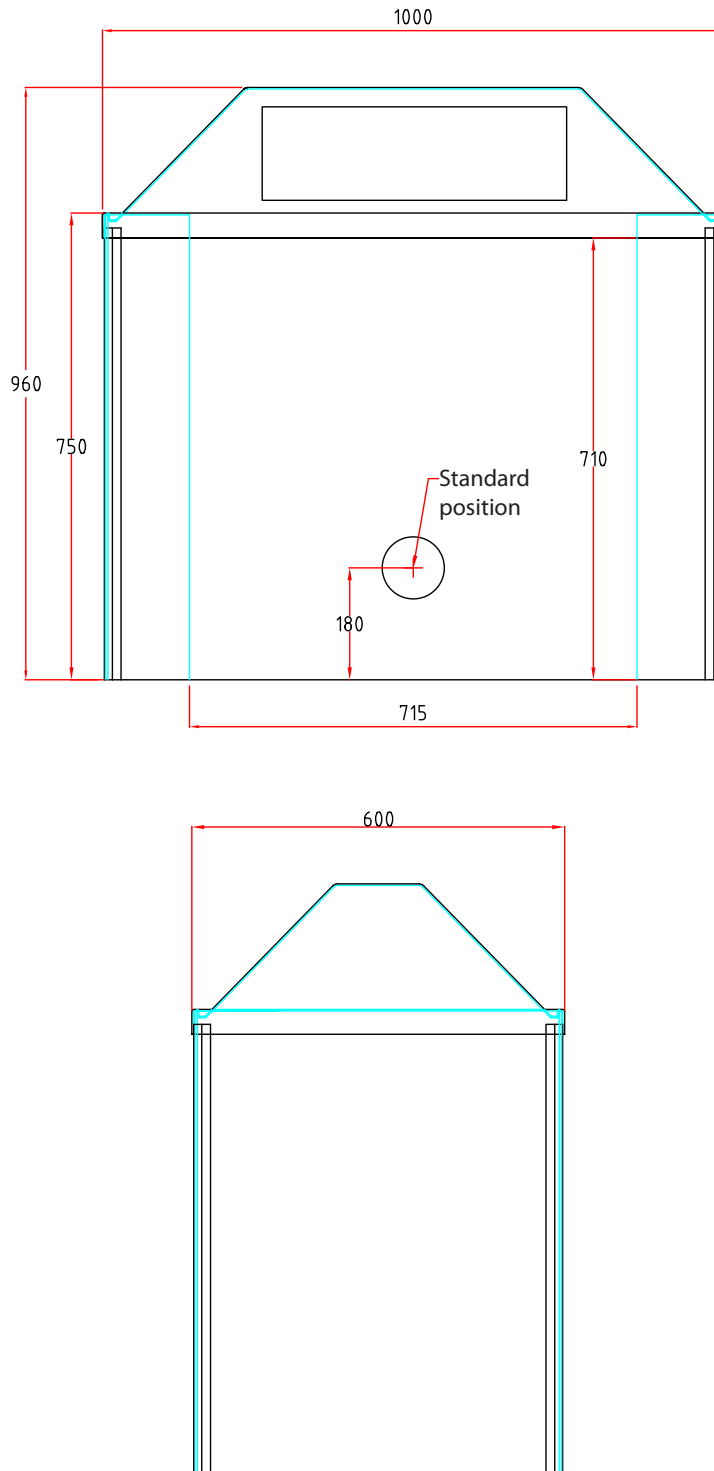


(All dimensions in mm)  
The flange is placed as standard if no special position is wanted.



### Type 1 – Large

Article no: 25-106075-4 /-5



(All dimensions in mm)

The flange is placed as standard if no special position is wanted.

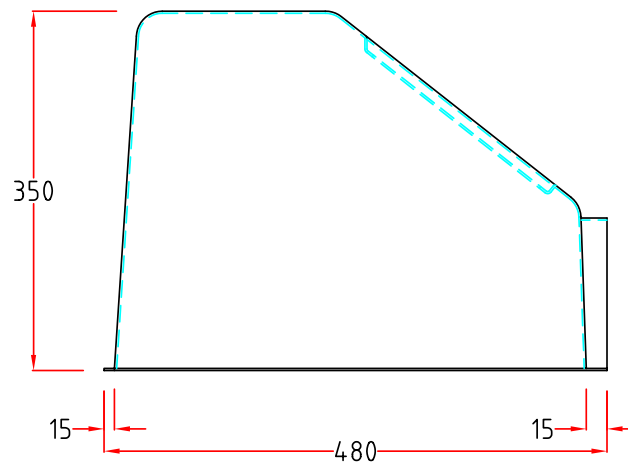
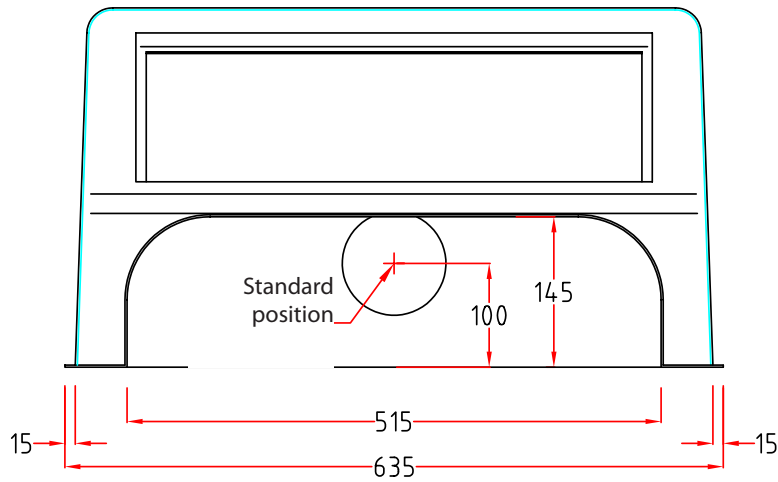
# Work cabinets

## Dimensions



### Type 2

Article no: 25-604535-4 /-5



(All dimensions in mm)

The flange is placed as standard if no special position is wanted.

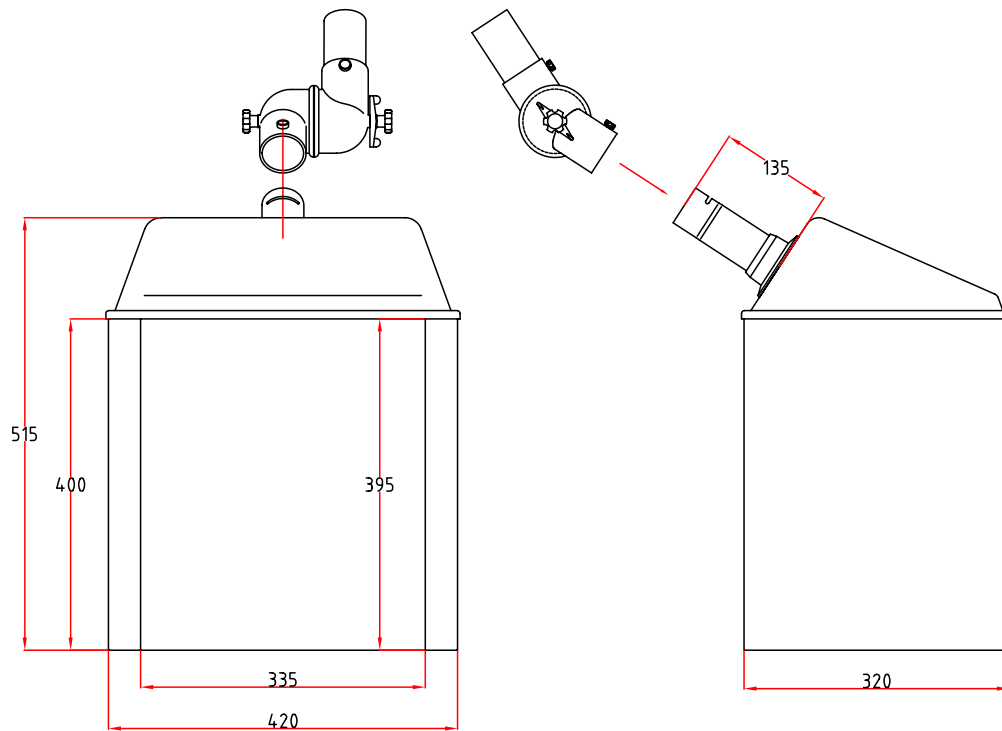
# Work cabinets

## Dimensions



### Type 3

Article no: 25-4030



(All dimensions in mm)

Stub pipe, joint with damper and tube is standard equipment for this cabinet.



## Type 1 – Customized cabinets

Customized cabinets Type 1 are available on request.

With standard length and width (1.000 x 600 mm) it is possible to change the height and still keep the compression moulded top. It is also possible to change the length and width, but then the top is flat.

Cabinet Type 1 can be customized in various ways – e.g. also with doors.

Please contact ALSIDENT SYSTEM A/S for more information.