

ALSIDENT®

# SYSTEM10

## Airflow Alarm

Securing optimal suction efficiency



- Easily and quickly installed – even without expertise
- Installed directly on the suction arm
- Easily operated
- Fits all suction arms from ALSIDENT® SYSTEM
- Vacuum based measurement
- Audible and visual alarm by insufficient suction
- Battery-powered – does not require separate power supply

# Security for optimal action – and a safe working environment

The new ALSIDENT® SYSTEM Airflow Alarm is easily mounted in a few minutes – and immediately operational.

## ALSIDENT® SYSTEM 10 Airflow Alarm

The ALSIDENT® SYSTEM Airflow Alarm mounted directly on the extraction arm gives security for optimal airflow through the extraction arm – and not only security for operation of the ventilation system. The Airflow Alarm is a vacuum based measuring instrument securing that sources of error such as a closed damper, foreign substances or accumulation of substances do not reduce the efficiency of each extraction arm during operation.

### Alarm

The ALSIDENT® SYSTEM Airflow Alarm fits all ALSIDENT® SYSTEM extraction arms. If the airflow is below 4m/sec, the Airflow Alarm will give audible and visual alarm.

When mounted just above the damper of the suction arm, the Airflow Alarm is in the user's field of vision enhancing the security for an optimal airflow.

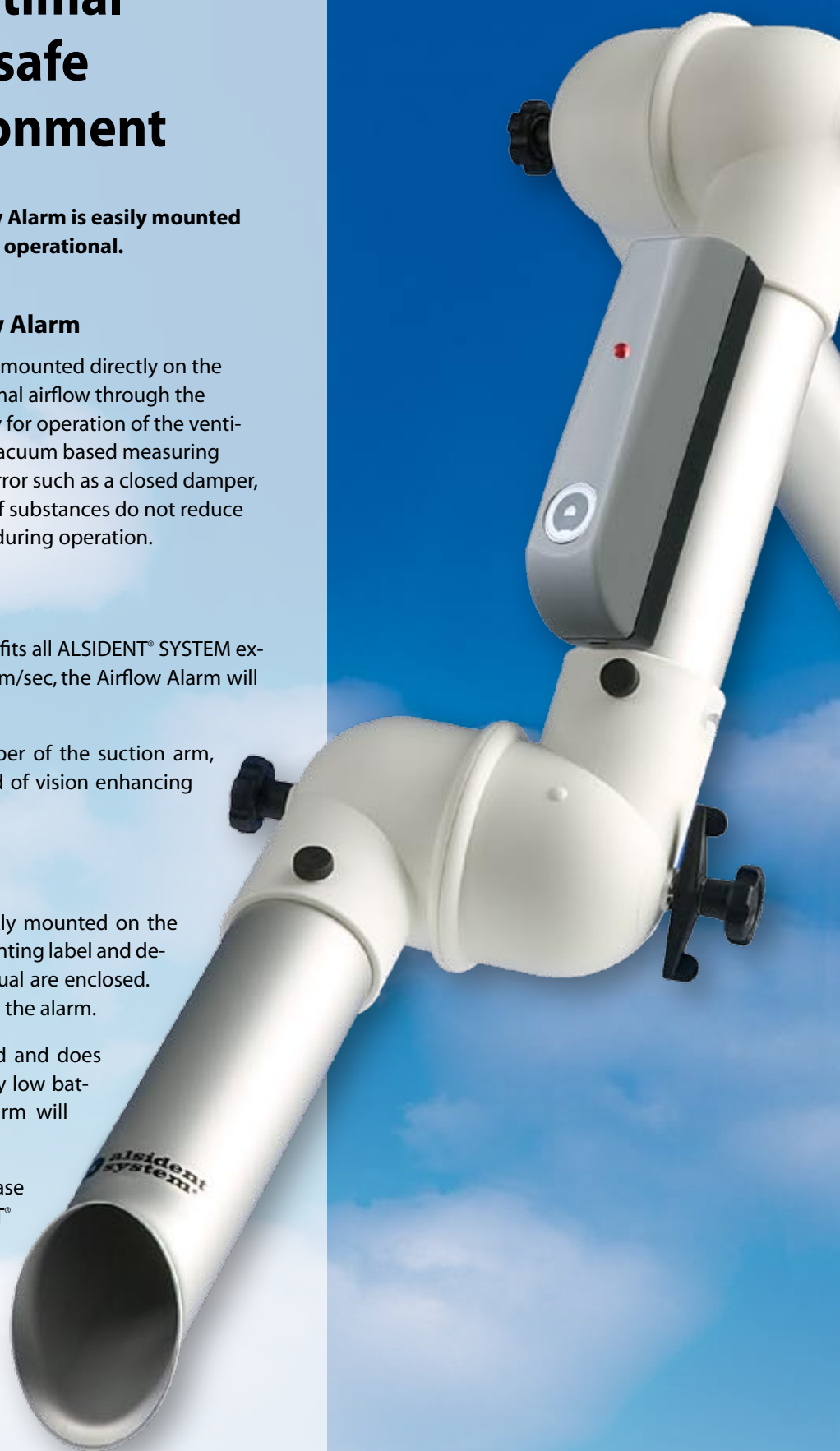
### Mounting and use

The Airflow Alarm is easily and quickly mounted on the suction arm. Screws, drill, battery, mounting label and detailed mounting and instruction manual are enclosed. Both electricians and users can mount the alarm.

The Airflow Alarm is battery-powered and does not require separate power supply. By low battery level, an audible and visual alarm will show that it is time to change battery.

For further information or ordering, please contact your distributor of ALSIDENT® SYSTEM.

*\*) The Airflow Alarm can be reprogrammed for a higher alarm limit.*

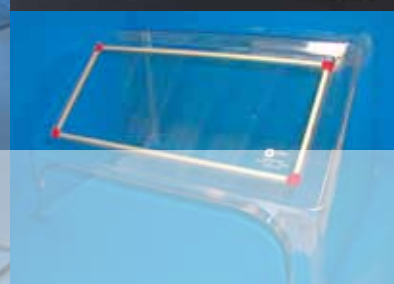




Type 1 ▼



▼ Type 3



▲ Type 2



## Accessories for ALSIDENT® SYSTEM 25

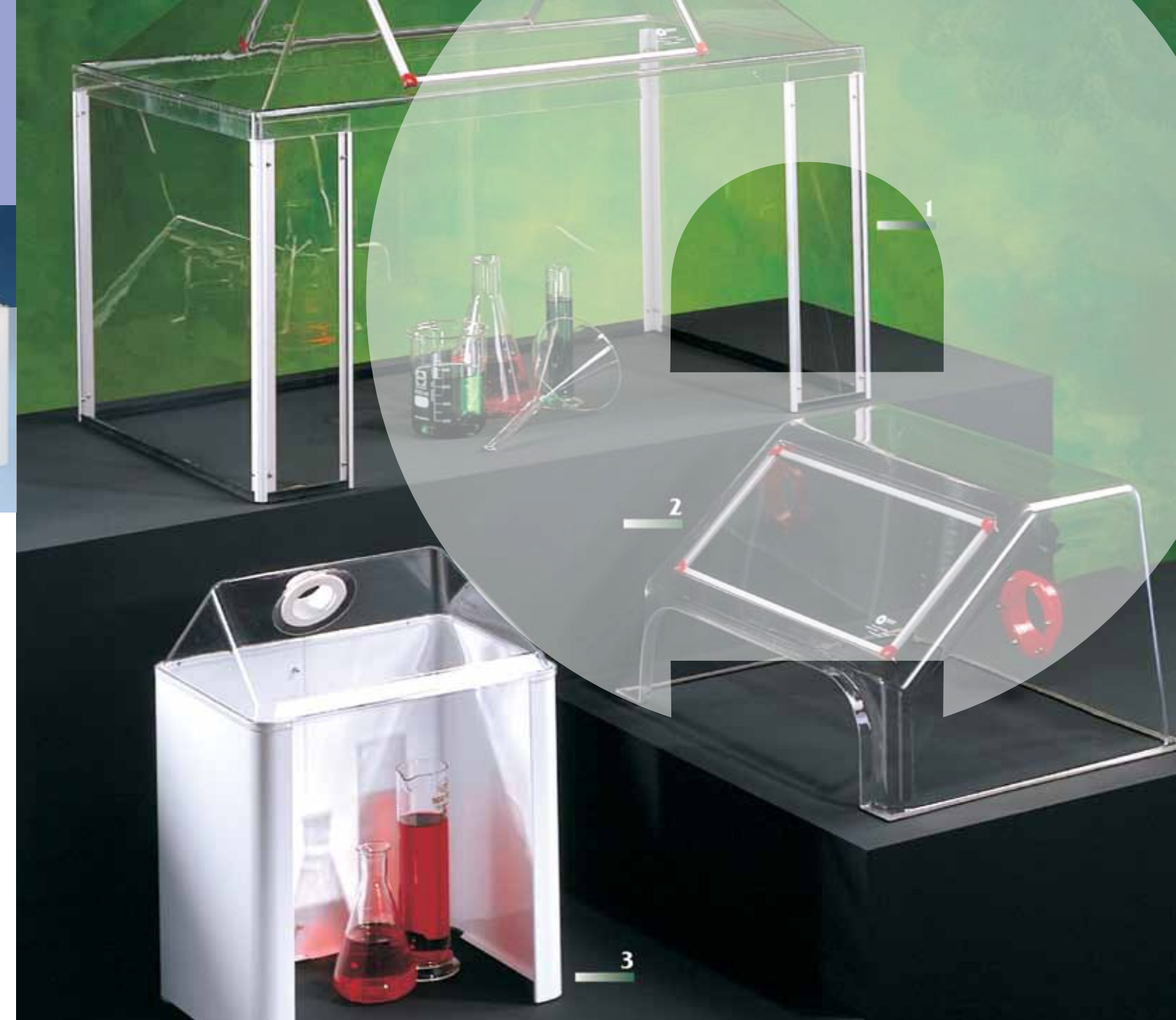
### ... optional mounting of flange

ALSIDENT® SYSTEM 25 can be equipped with flanges in various sizes for connection to the ventilation system.

Mounting of flanges on Type 1 and Type 2 work cabinets is optional. The standard Type 3 work cabinet is always delivered with a mounted Ø75 mm (2.95") flange. It is also possible to order the mounting of a Ø50 mm (1.97") flange.

The cabinet flanges are available in 6 different sizes and are made of red or white polypropylene. On the standard cabinets, the flanges are screwed on the back wall. It is possible to order a special placement of the flange.

See the insert with article numbers for further information. Please also feel free to visit [www.alsident.com](http://www.alsident.com) or contact your distributor.

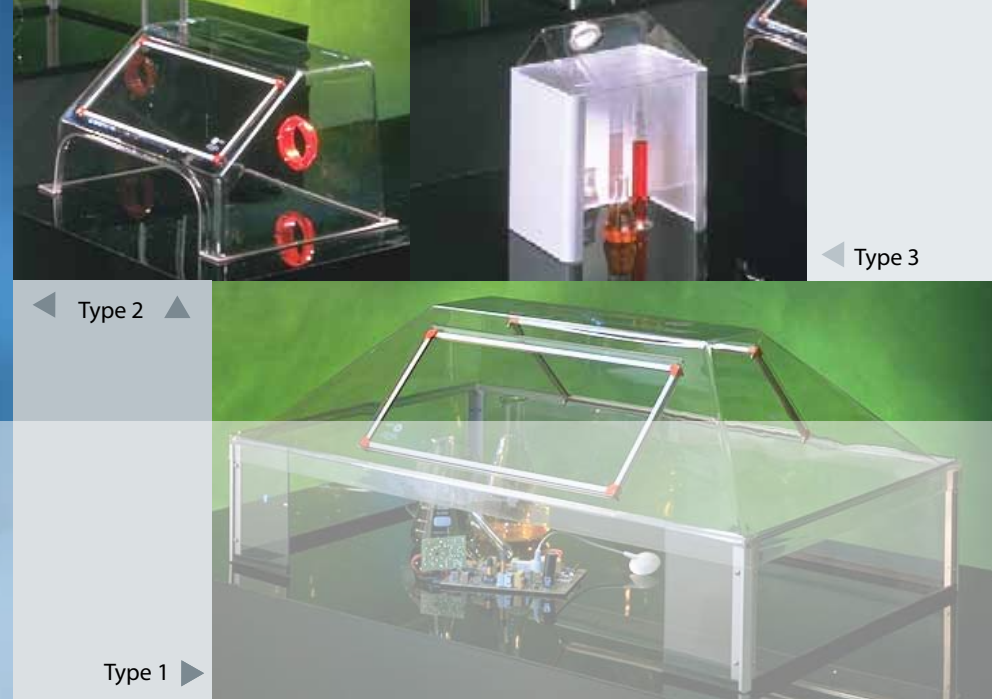


# ALSIDENT® SYSTEM 25

## Work Cabinets for a cleaner working environment

Distributor





## Work Cabinets – for a cleaner working environment

The use of a work cabinet for polluting work processes isolates the pollutant and prevents the pollution from spreading to the room. This is a very efficient method in creating a cleaner working environment.

### Easily cleaned

ALSIDENT® SYSTEM 25 work cabinets are made of PETG and aluminium. PETG is a shock-proof and a very resistant plastic material with a high transparency.

The work cabinets are easily cleaned and resistant to all current cleaning materials and cleaning solutions.

### Measurement of efficiency

The work cabinets have been tested by the Danish Technological Institute to calculate the recommended air volumes. For further information please contact your distributor or visit [www.alsident.com](http://www.alsident.com).

# ALSIDENT® SYSTEM 25 ...efficient isolation and unique design

## Application

**ALSIDENT® SYSTEM 25 work cabinets are designed for air volumes between 117 - 850 m³/h (68-500 CFM).**

ALSIDENT® SYSTEM 25 is very applicable for working processes such as: weighing and trans-filling of powders, mixing of chemicals, hair dye and fluids for permanent waving, small grinding jobs, measuring and analyzing operations, using solvents for cleaning of small parts such as printed circuits, gluing etc. The work cabinets are therefore used at various work places such as hospitals, laboratories, hairdressers', dentists and dental laboratories.

## ALSIDENT® SYSTEM 25 - three types of work cabinets

ALSIDENT® SYSTEM 25 offers 3 types of work cabinets in various sizes and designs.

The air volume is decided by the size of the opening. The recommended air volumes of the standard work cabinets are stated on the insert.

### Type 1

**– three sizes, three air volumes**

Type 1 is equipped with a transparent vacuum moulded PETG-top with a window of safety glass allowing a good view of the working process. The transparent sides of PETG are assembled with aluminium supports in the corners. This type is available with sides in three different heights of approximately 200, 500 or 750 mm (8", 20" or 30"). The higher cabinets have a bigger opening and therefore a larger air volume.

Cabinet Type 1 is delivered unassembled and with loose screws in order to reduce the freight costs.

### Type 2

**– moulded work cabinet with small opening**

Type 2 is a vacuum moulded cabinet of transparent PETG with a window of safety glass allowing a good view of the working process.

The broad cabinet with a small opening has lots of space for hands and arms. This work cabinet is therefore suited for small tasks such as grinding or cleaning.

Cabinet Type 2 is also available in a semi-transparent (opal white) version.

### Type 3

**– small work cabinet with a large opening**

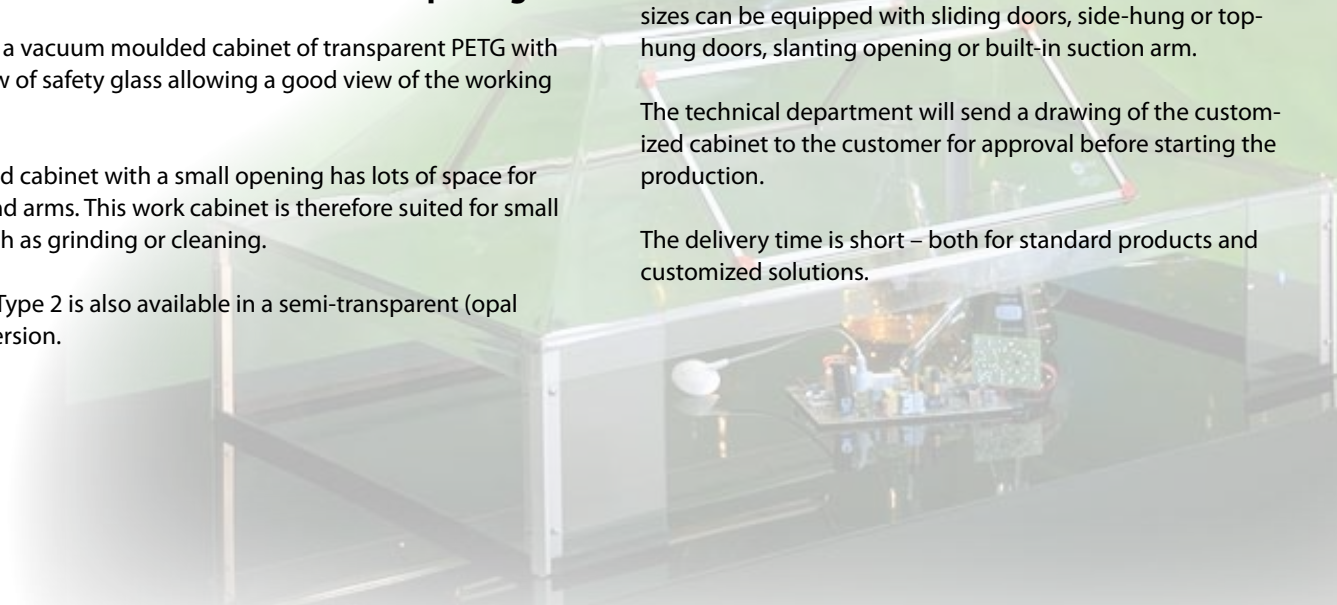
Cabinet Type 3 is also equipped with a transparent PETG-top. The sides are of white powder coated steel. This cabinet is delivered with a flange, 2 loose stub pipes and a joint with damper allowing a good connection to the ventilation system. Work cabinet type 3 is often used as a mixing cabinet e.g. at hairdressers'. The small cabinet does not require much space and the large opening enables free access to the work process.

## Customized solutions – short delivery time

In addition to the standard products, ALSIDENT® SYSTEM 25 also offers special solutions. The customized cabinets in various sizes can be equipped with sliding doors, side-hung or top-hung doors, slanting opening or built-in suction arm.

The technical department will send a drawing of the customized cabinet to the customer for approval before starting the production.


The delivery time is short – both for standard products and customized solutions.

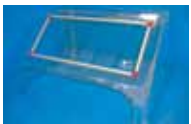







### System 25 Work Cabinets


	Colour	Max. air flow [m³/h]	Comments	Basic Article No.	+ colour of corner	
					● red	○ white

TYPE 1						
	Transparent PETG*	220	Flange to be ordered separately	25-106020-	4	5
		550		25-106050-	4	5
		850		25-106075-	4	5

TYPE 2						
	Transparent PETG*	117	Without flange	25-604535-0-	4	5
		117	With flange dia. 80 mm	25-604535-	4	5
	Opal white PETG*	117	Without flange	25-604535-0-7-	4	5
		117	With flange dia. 80 mm	25-604535-7-	4	5

TYPE 3						
	Transparent PETG* top, sides of powder coated steel.	204	With flange, stub pipes and joint with damper diameter: 75 mm	25-4030	-	-
	White	Reducer required for Work Cabinet Type 3	Diameter of pipe: 80-75 mm	4-8075	-	-
			Diameter of pipe: 100-75 mm	4-10075	-	-

### Accessories

CABINET FLANGES POLYPROPYLENE	Diameter [mm / "]	Basic Article No.	+ colour	
			● red	○ white
	50 / 1.97	4-50-13-	4	5
	75 / 2.95	4-75-13-	4	5
	80 / 3.15	4-80-13-	4	5
	100 / 3.94	4-100-13-	4	5
	125 / 4.92	4-125-13-	4	5
	160 / 6.30	4-160-13-	4	5

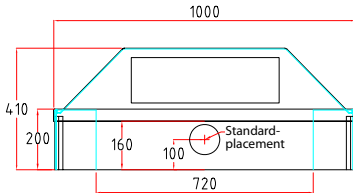
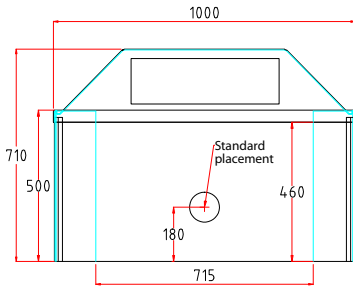
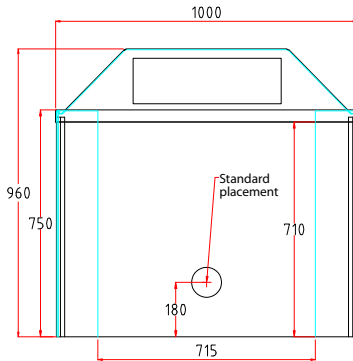
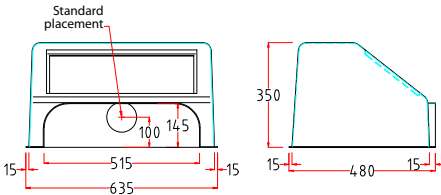
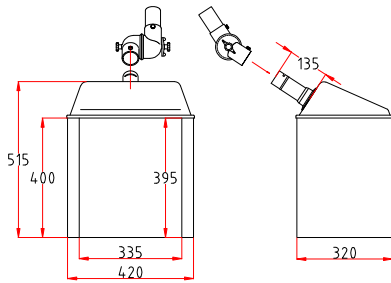
ALSIDENT® SYSTEM 25 Type1 consists of two parts to be ordered separately: Work cabinet and flange. The size of cabinet Type 1 can also be customized. For further information on cabinets and other products, please visit our website: [www.alsident.com](http://www.alsident.com)

Distributor

\*) PETG: polyethylene terephthalate, glycol modified



### Standard Placement of Flange

TYPE 1	
	It is possible to order various sizes and placements of flanges by sending us a drawing.
	
	
TYPE 2	
	Various sizes and placements of flanges by sending us a drawing.
TYPE 3	
	Stub pipe, joint with damper (Ø75) and tube are standard equipment on this cabinet.

The cabinets are delivered with standard placement of flange unless a special placement is ordered. (all measurements in mm)





## Accessories for ALSIDENT® SYSTEM 50 .... a hood for every purpose

The range of accessories for ALSIDENT® SYSTEM 50 includes mounting brackets, reducers, hoods and suction pens.

The mounting brackets are made of black or white powder coated steel. The bracket versions are either table brackets for fixing on the edge of a table, wall brackets or a wide selection of columns for ceiling mounting. The ceiling columns are available in standard lengths between 250 mm (10") and 2000 mm (80"). The reducers are made of Polypropylene (PP) and are used in the connection from the extraction arm to the ventilation system.

The selection of hoods for ALSIDENT® SYSTEM 50 is very wide. It offers the best solution of adapting the

choice of hood to the workplace in question and the type of pollution. The ALSIDENT® SYSTEM 50 Flex extraction arm is only delivered with a suction pen.

The choice of hood material depends on model and material version. The hoods for the ALSIDENT® SYSTEM 50 Aluminium arms are available in the following materials: transparent PETG, anodized or powder coated aluminium. The hoods for ALSIDENT® SYSTEM 50 antistatic arms are available in conductive Polypropylene (PP) or chromated aluminium (TCP).

See insert for further information.  
Please also feel free to visit [www.alsident.com](http://www.alsident.com)  
or contact your distributor.

Distributor



# ALSIDENT® SYSTEM 50

**A small flexible extraction arm**



## Local Exhaust – for a cleaner working environment

Installation of individual fume extraction systems at the source of the pollutant during the working process prevents the spread of polluted air into the surroundings. A local exhaust system is therefore the best solution for a clean working environment.

### User-friendly extraction arm

ALSIDENT® SYSTEM fume extraction arms are self-sustaining with internal threaded stays and bearing springs. This construction constitutes a very user-friendly fume extraction arm that is easy to adjust to the source of the pollutant during the working process.

### Easy maintenance and long durability

The only maintenance an ALSIDENT® SYSTEM extraction arm needs is cleaning according to requirements. It is easy to disassemble the arm and reassemble it after cleaning without the need for tools. All ALSIDENT® SYSTEM extraction arms are made of high-quality materials ensuring easy maintenance and long durability. All plastic parts are made of shock-proof Polypropylene (PP). The aluminium parts are anodized and the internal and external surfaces of all brackets are powder coated. Threaded stays, springs and finger screws are made of acid-proof stainless steel ensuring long durability in aggressive environments. All O-rings are maintenance-free.

### Measurements of pressure drop and efficiency

The Danish Technological Institute has measured the sound level, pressure drop and efficiency of the ALSIDENT® SYSTEM extraction arms and hoods. Please contact ALSIDENT SYSTEM A/S, your distributor or visit [www.alsident.com](http://www.alsident.com) for test results, dimensioning diagrams and installation heights.

# ALSIDENT® SYSTEM 50 – a small and very flexible extraction arm

### Application

**ALSIDENT® SYSTEM 50 is suited for air volumes between 45-85 m³/h (25-50 CFM).**

ALSIDENT® SYSTEM 50 is very applicable in trades with small pollutants, such as the electronics industry, laboratories, dental clinics, laser technique, classrooms at schools, hairdressing schools and hairdressing saloons, nail studios, decorator workshops and goldsmith's workshops.

### Adjusted to the work conditions

The ALSIDENT® SYSTEM 50 extraction arms are quickly mounted with standard brackets for table, wall or ceiling. The ALSIDENT® SYSTEM 50 Flexible extraction arm is ready for mounting on a table.

The standard ALSIDENT® SYSTEM 50 is available in various types that are complementary to each other with reaches up to 1.660 mm (65.35"). Therefore it is possible to choose an extraction arm applicable for each work situation. See insert for further information.

### Material versions

ALSIDENT® SYSTEM 50 is available in two material versions – aluminium (AL) and antistatic (AS). The choice of material version depends on each work process and type of pollution.

### Aluminium (AL) – for most applications

ALSIDENT® SYSTEM 50 AL is used in environments with no special demands for chemical resistance or conductivity. The ALSIDENT® SYSTEM 50 AL extraction arms consist of aluminium tubes and joints of red, white or black Polypropylene (PP).

### Antistatic (AS) – a safe choice for ESD-environments

ALSIDENT® SYSTEM 50 AS extraction arms are used in environments with special demands for conductivity, e.g. the sensitive ESD-environments in the electronics industry. The extraction arms are equipped with an earthing wire. (minus 1 MΩ)

The tubes of this version are made of aluminium with a conductive surface treatment. The joints are made of black conductive Polypropylene (PP).

ALSIDENT® SYSTEM 50 AS has been tested and approved for use in ESD-environments according to IEC 61340-5-1.

### Customized solutions – short delivery time

In addition to the standard range, ALSIDENT® SYSTEM 50 also offers special solutions. Please contact your ALSIDENT® distributor to find the best solution. ALSIDENT® offers short delivery time for both standard products and special solutions.

### Materials

	50 AL / 50 Flex AL	50 AS / 50 Flex AS
<b>Tubes – Ø 50 mm / 2"</b>	Anodized Aluminium	Chromated Aluminium (TCP*)
<b>Joints and flanges</b>	Polypropylene (PP)	Conductive Polypropylene (PP)
<b>Flexible hose</b>	Conductive ABS	Conductive ABS
<b>Threaded stay and springs</b>	Acid-proof stainless steel <sup>1)</sup>	Acid proof stainless steel <sup>1)</sup>
<b>O-Rings</b>	Polyethylene (PE)	Conductive Polyethylene (PE)

1) AISI 316L

\*) TCP: Trivalent Chromium Passivation








### System 50 Extraction Arms – Ø 50 mm / 2"

MOUNTING / NO. OF JOINTS	Reach [mm / °]	Basic Article no.	AL + colour of joints			AS
			●	○	●	●
TABLE MOUNTED – 2 JOINTS						
	445 / 17.52	50-27-1-	4	5	050	6
	545/ 21.46	50-37-1-	4	5	050	6
	645 / 25.39	50-47-1-	4	5	050	6
	745 / 29.33	50-57-1-	4	5	050	6
TABLE MOUNTED – 3 JOINTS						
	765 / 30.12	50-3727-1-	4	5	050	6
	945 / 37.20	50-4737-1-	4	5	050	6
	1125 / 44.29	50-5747-1-	4	5	050	6
	1425 / 56.10	50-8747-1-	4	5	050	6
WALL- AND CEILING MOUNTED – 2 JOINTS						
	430 / 16.93	50-27-3-	4	5	050	
	530 / 20.87	50-37-3-	4	5	050	6
	630 / 24.80	50-47-3-	4	5	050	6
	730 / 28.74	50-57-3-	4	5	050	
WALL- AND CEILING MOUNTED – 3 JOINTS						
	750 / 29.53	50-3727-3-	4	5	050	6
	910 / 35.83	50-4737-3-	4	5	050	6
	1125 / 44.29	50-4767-3-	4	5	050	
	1080 / 42.52	50-5747-3-	4	5	050	6
	1380 / 54.33	50-8747-3-	4	5	050	6
	1660 / 65.35	50-8787-3-	4	5	050	

### System 50 Flex Extraction Arms

MOUNTING / NO. OF JOINTS	Reach [mm / °]	Basic Article no.	AL + colour of joints			AS
			●	○	●	●
TABLE MOUNTED – NO JOINTS						
	600 / 23.62	50-1-23-	4	5	050	6
TABLE MOUNTED – 1 JOINT						
	700 / 27.56	50-21-1-23-	4	5	050	6
TABLE MOUNTED – 2 JOINTS						
	900 / 35.43	50-3721-1-23-	4	5	050	6

Distributor



### Hoods and suction pens

SUCTION PEN	Length [mm/"]	Basic Article no.	ALU (Like photo) Colour:			AS (Black)
			●	○	●	
	210 / 8	1-5021-	-	-	-	6
	310 / 12	1-5031-	-	-	-	6
	210 / 8	1-5022-	4	5		
	310 / 12	1-5032-	4	5		
SUCTION NOZZLE	Width [mm/"]	Basic Article no.	ALU (Like photo) Colour:			AS (Black)
			●	○	●	
	100 / 4	1-5010-	4	5		6
	200 / 8	1-5020-	4	5		6
HOOD	Dim. [mm/"]	Basic Article no.	ALU (Like photo) Colour:			AS (Black)
			●	○	●	
	Dia.: 200 / 8	1-5024-	4	5		
	Dia.: 200 / 8	1-5024-				6
	300x250 / 10x9	1-502422-	4*	5*	050*	
	265x170 / 8x6	1-502015-	4*	5*	050*	
	Dia: 280 / 11	1-5028-	4*	5*	050*	
	Dia.: 385 / 15	1-5035-	4*	5*	050*	6
	330x240 / 13x9	1-503324-	4*	5*	050*	6

\*) PETG: Polyethylene terephthalate, glycol modified

\*\*) Black on request

○ Only one colour  
⊗ Not available





ALSIDENT® SYSTEM 50 consists of three parts to be ordered separately: Extraction arm, hood and bracket.

ALSIDENT® SYSTEM 50 Flex consists of two separate parts to be ordered: Extraction arm and table bracket if needed.

Article no. of suction arms – see opposite page.

For further information about accessories, please visit: [www.alsident.com](http://www.alsident.com)

### Brackets

BRACKET / U-PROFILE	Description	Article no.	Colour	
	Table bracket	2-5010	white ○	
		2-5010-050	black ●	
	U-profile	30-50-5	white ○	
	Wall bracket	2-195	white ○	
		2-195-050	black ●	
CEILING- COLUMN	Length [mm/"] + colour	Basic Article no.	Connection Side	Top
	250/10 white ○	2-250-	80	20
	250/10 black ●	2-250-050-	80	20
	500/20 white ○	2-500-	80	20
	500/20 black ●	2-500-050-	80	20
	750/30 white ○	2-750-	80	20
	750/30 black ●	2-750-050-	80	20
	1000/40 white ○	2-1000-	80	20
	1000/40 black ●	2-1000-050-	80	20
	1250/50 white ○**	2-1250-	80	20
	1500/60 white ○**	2-1500-	80	20
	1750/70 white ○**	2-1750-	80	20
	2000/80 white ○**	2-2000-	80	20

### Other accessories

REDUCER	Diameter of pipe [mm/"]	Article no.	Colour
	63-50 / 2.48-1.97	4-6350	white ○
	63-50 / 2.48-1.97	4-6350-6	black ●
	80-50 / 3.15-1.97	4-8050	white ○
	80-50 / 3.15-1.97	4-8050-6	black ●
PROTECTIVE GRILL	Diameter of pipe [mm/"]	Article no.	Colour
	50 / 1.97	5-16	white ○
	50 / 1.97	5-16-6	AS (black) ●
SUPPORT BRACKET	Size [mm/"]	Article no.	Colour
	200 x 200 / 8 x 8	2-75-5	white ○
COVERING FLANGE	Size [mm/"]	Article no.	Colour
	200 x 200 / 8 x 8	4-200-200	white ○
AIRFLOW ALARM	Description	Article no.	Colour
	Audible and visual alarm at airflow below 4 m/sec.	10-01	as photo





## Accessories for ALSIDENT® SYSTEM 63

### ... a wide selection of hoods and brackets

The range of accessories for ALSIDENT® SYSTEM 63 includes mounting brackets, hoods and reducers.

The mounting brackets are made of white powder coated steel. The bracket versions are either table brackets for fixing on the edge of a table, wall brackets or a wide selection of columns for ceiling mounting.

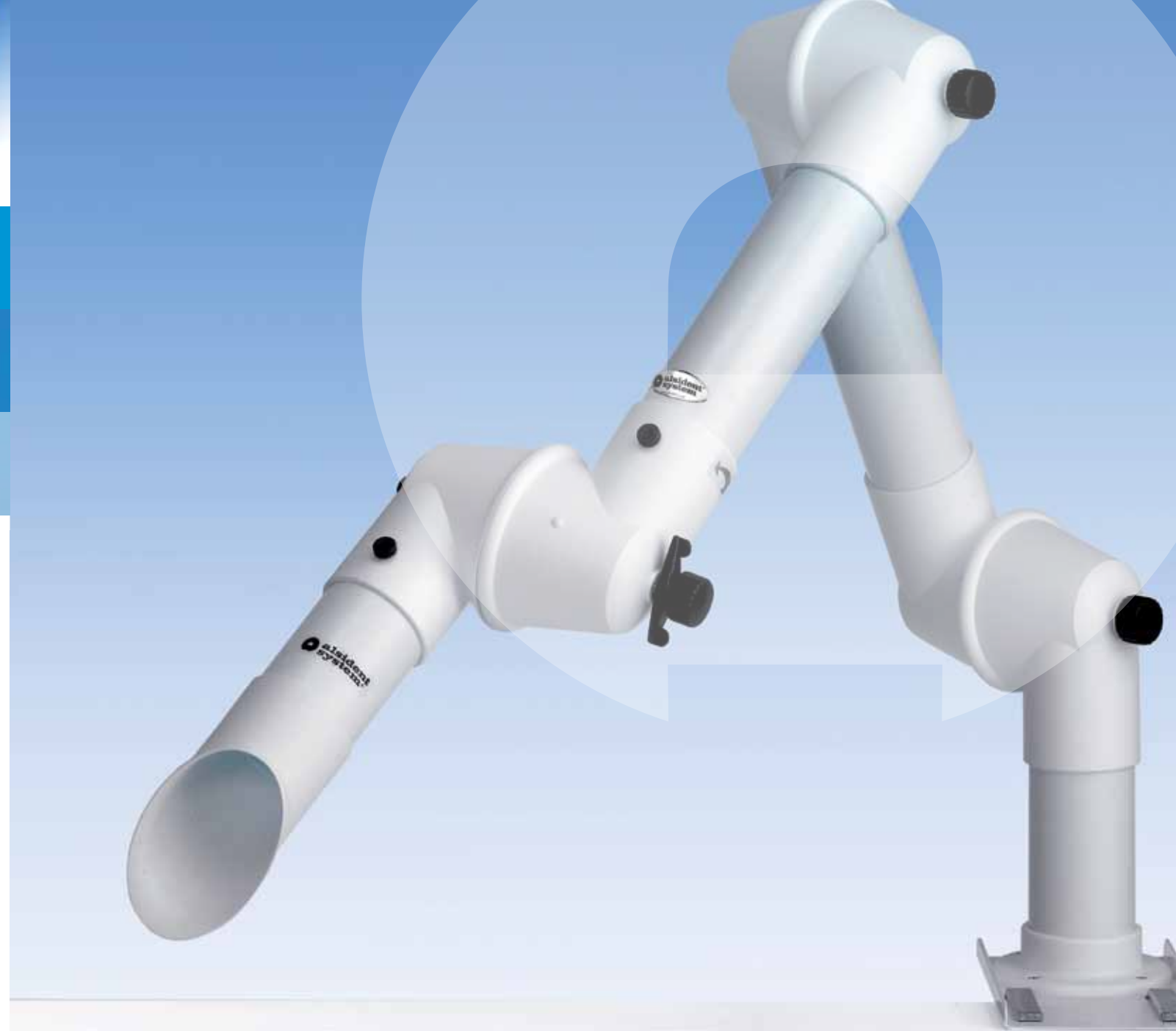
The ceiling columns are available in standard lengths between 250 mm (10") and 2000 mm (80").

The reducers are made of Polypropylene (PP) and offer a stylish connection from the suction arm to the ventilation system.

In addition to a 250 mm suction pen, we offer a wide selection of hoods for ALSIDENT® SYSTEM 63 making it possible to choose the best hood for each task. The hoods are made of transparent PETG or PP and the suction pen of white polypropylene (PP). See insert for further information.

Please also feel free to visit [www.alsident.com](http://www.alsident.com) or contact your distributor.

Distributor



# ALSIDENT® SYSTEM 63

## Chemical resistant suction arm



## Local Exhaust – for a cleaner working environment

Installation of individual fume extraction systems at the source of the pollutant during the working process prevents the spread of polluted air into the surroundings. A local exhaust system is therefore the best solution for a clean working environment.

### User-friendly extraction arm

ALSIDENT® SYSTEM fume extraction arms are self-sustaining with internal threaded stays and bearing springs. This construction constitutes a very user-friendly fume extraction arm that is easy to adjust to the source of the pollutant during the working process.

### Easy maintenance and long durability

The only maintenance an ALSIDENT® SYSTEM extraction arm needs is cleaning according to requirements. It is easy to disassemble the arm and reassemble it after cleaning without the need for tools. All ALSIDENT® SYSTEM extraction arms are made of high-quality materials ensuring easy maintenance and long durability. All plastic parts are made of shock-proof Polypropylene (PP). The internal and external surfaces of all brackets are powder coated. Threaded stays, springs and finger screws are made of acid-proof stainless steel ensuring long durability in aggressive environments. All O-rings are maintenance-free.

### Measurements of pressure drop and efficiency

The Danish Technological Institute has measured the sound level, pressure drop and efficiency of the ALSIDENT® SYSTEM extraction arms and hoods. Please contact your distributor, ALSIDENT® SYSTEM A/S or visit [www.alsident.com](http://www.alsident.com) for test results, dimensioning diagrams and installation heights.

# ALSIDENT® SYSTEM 63 – for aggressive working areas

### Applications

**ALSIDENT® SYSTEM 63 is suited for air volumes between 60-120 m³/h**

ALSIDENT® SYSTEM 63 is very applicable in various trades where a chemical resistant suction arm is needed, such as laboratories, chemical industries, schools, high schools and universities.

### Adjusted to the work conditions

ALSIDENT® SYSTEM 63 suction arms are quickly mounted with standard brackets for table, wall or ceiling.

The standard ALSIDENT® SYSTEM 63 arms are available in various types that are complementary to each other with reaches up to 1500 mm (59.06"). It is therefore possible to choose a suction arm adapted for each work situation. See insert for further information.

### Material

ALSIDENT® SYSTEM 63 is used in work areas with special requirements for chemical resistance because of the type of pollution, e.g. chemical fumes. Therefore, the tubes and joints of this material version are made of white Polypropylene (PP). For information about resistance to specific chemicals, please contact your ALSIDENT® distributor.

### Easy operation

In addition to the standard range, ALSIDENT® SYSTEM 63 is easily moved and positioned during the working process and is therefore very suitable for various applications with requirements for frequent change between different processes. ALSIDENT® SYSTEM 63 offers the possibility of adjusting the arm in many different positions with one hand.

### Customized solutions – short delivery time

In addition to the standard range, ALSIDENT® SYSTEM 63 offers special customized solutions. The ALSIDENT® technical department is always ready to help you find the best solution.

ALSIDENT® offers short delivery time for both standard products and special solutions.

### Materials




	System 63 PP
Tubes – Ø 63 mm / 2.5"	Polypropylene (PP)
Joints and flanges	Polypropylene (PP)
Threaded stay + Springs	Acid-proof stainless steel <sup>1)</sup>
O-rings	Polyethylene (PE)

1) AISI 316L





### System 63 Extraction Arms – Ø 63 mm / 2.5"





	Reach [mm / "]	Basic Article no.	PP (white)
			○
TABLE MOUNTED – 2 JOINTS			
	530 / 20.87	63-35-1-	7-5
	630 / 24.80	63-45-1-	7-5
	730 / 28.74	63-55-1-	7-5
TABLE MOUNTED – 3 JOINTS			
	800 / 31.50	63-3535-1-	7-5
	1080 / 42.52	63-5545-1-	7-5
WALL- AND CEILING MOUNTED – 3 JOINTS			
	760 / 29.92	63-3535-3-	7-5
	1120 / 44.09	63-3590-3-	7-5
	1025 / 40.35	63-5545-3-	7-5
	1190 / 46.85	63-6555-3-	7-5
	1500 / 59.06	63-9065-3-	7-5

ALSIDENT® SYSTEM 63 consists of three parts to be ordered separately: Extraction arm, hood and bracket.  
Article no. of hoods and brackets – please see opposite page.  
For further information about accessories, please visit:  
[www.alsident.com](http://www.alsident.com)

Distributor







### Hoods






SUCTION PEN	Length [mm/"]	Basic Article No.	PP (White) Colour/plastic parts:
	250 / 9.84	1-6325-7-	-5
HOOD	Dim. [mm/"]	Basic Article No.	PP (White) Colour/plastic parts:
	300 x 250 / 11.61 x 9.84*	1-632422-	5
	Dia: 280 / 11.02*	1-6328-	5
	Dia.: 385 / 15.16*	1-6335-	5
	Dia.: 385 / 15.16	1-6335-7-	5
	330 x 240 / 12.99 x 9.45*	1-633324-	5
	330 x 240 / 12.99 x 9.45	1-633324-7-	5

\*) PETG: Polyethylene terephthalate, glycol modified

### Brackets

BRACKET	Description	Article no.	Colour	
	Table bracket	2-6310	white ○	
	Wall bracket	2-195	white ○	
CEILING COLUMN	Length [mm / "] (white)	Basic Article no.	Connection	
			Side	Top
	250 / 10	2-250-		20
	500 / 20	2-500-	80	20
	750 / 30	2-750-	80	20
	1000 / 40	2-1000-	80	20
	1250 / 50	2-1250-	80	20
	1500 / 60	2-1500-	80	20
	1750 / 70	2-1750-	80	20
	2000 / 80	2-2000-	80	20

### Other Accessories

REDUCER	Diameter of pipe [mm / "]	Article no.	Colour
	80-63 / 3.15-2.48	4-8063-5	white ○
	100-63 / 3.94-2.48	4-10063-5	white ○
SUPPORT BRACKET	Size [mm/"]	Article no.	Colour
	200 x 200 / 8 x 8	4-200-200	white ○
COVERING FLANGE	Size [mm/"]	Article no.	Colour
	200 x 200 / 8 x 8	4-200-200	white ○
AIRFLOW ALARM	Description	Article no.	Colour
	Audible and visual alarm at airflow below 4 m/sec.	10-01	as photo

ALSIDENT® SYSTEM 63 consists of three parts to be ordered separately: Extraction arm, hood and bracket.  
Article no. of extraction arms – please see opposite page.  
For further information about accessories, please visit:  
[www.alsident.com](http://www.alsident.com)





## Accessories for ALSIDENT® SYSTEM 75 ... a wide selection of hoods and brackets

The range of accessories for ALSIDENT® SYSTEM 75 includes mounting brackets, hoods and reducers.

The mounting brackets are made of black or white powder coated steel. The bracket versions are either table brackets for fixing on the edge of a table, wall brackets or a wide selection of columns for ceiling mounting. The ceiling columns are available in standard lengths between 250 mm (10") and 2000 mm (80").

The reducers are made of Polypropylene (PP) and are used in the connection from the extraction arm to the ventilation system.

The selection of hoods for the 3 material versions of ALSIDENT® SYSTEM 75 is very wide.

It offers the best solution of adapting the choice of hood to the workplace in question and the type of pollution.

The choice of hood material depends on model and material version. The hoods for the ALSIDENT® SYSTEM 75 Aluminium arms are available in the following materials: transparent PETG, anodized or powder coated aluminium. The hoods for ALSIDENT® SYSTEM 75 antistatic arms are made of conductive Polypropylene (PP) or chromated aluminium (TCP). Hoods for ALSIDENT® SYSTEM 75 PP are made of white Polypropylene (PP) or powder coated aluminium.

See insert for further information.  
Please also feel free to visit [www.alsident.com](http://www.alsident.com) or contact your distributor.

Distributor



# ALSIDENT® SYSTEM 75

**Easily positioned all-round  
fume extraction arm**





## Local Exhaust – for a cleaner working environment

Installation of individual fume extraction systems at the source of the pollutant during the working process prevents the spread of polluted air into the surroundings. A local exhaust system is therefore the best solution for a clean working environment.

### User-friendly extraction arm

ALSIDENT® SYSTEM fume extraction arms are self-sustaining with internal threaded stays and bearing springs. This construction constitutes a very user-friendly fume extraction arm that is easy to adjust to the source of the pollutant during the working process.

### Easy maintenance and long durability

The only maintenance an ALSIDENT® SYSTEM extraction arm needs is cleaning according to requirements. It is easy to disassemble the arm and reassemble it after cleaning without the need for tools.

All ALSIDENT® SYSTEM extraction arms are made of high-quality materials ensuring easy maintenance and long durability. All plastic parts are made of shock-proof Polypropylene (PP). The aluminium parts are anodized and the internal and external surfaces of all brackets are powder coated. Threaded stays, springs and finger screws are made of acid-proof stainless steel ensuring long durability in aggressive environments. All O-rings are maintenance-free.

### Measurements of pressure drop and efficiency

The Danish Technological Institute has measured the sound level, pressure drop and efficiency of the ALSIDENT® SYSTEM extraction arms and hoods. Please contact your distributor, ALSIDENT® SYSTEM A/S or visit [www.alsident.com](http://www.alsident.com) for test results, dimensioning diagrams and installation heights.

# ALSIDENT® SYSTEM 75 – for medium jobs

## Applications

ALSIDENT® SYSTEM 75 is suited for air volumes between 80-180 m³/h (45-105 CFM).

Depending on material version, ALSIDENT® SYSTEM 75 is very applicable in trades such as laser techniques, laboratories, chemical industries, pharmaceutical industries, the food industry, vocational schools, universities and machine shops.

### Adjusted to the work conditions

The ALSIDENT® SYSTEM 75 fume extraction arms are quickly mounted with standard brackets for table, wall or ceiling.

The standard ALSIDENT® SYSTEM 75 is available in various types that are complementary to each other with reaches up to 1,990 mm (78.35"). Therefore it is possible to choose an extraction arm applicable for each work situation. See insert for further information.

## Material Versions

ALSIDENT® SYSTEM 75 is available in three material versions – aluminium (AL), antistatic (AS) and chemical resistant (CR). The choice of material version depends on each work process and type of pollution.

### Aluminium (AL) – For most applications

ALSIDENT® SYSTEM 75 AL is used in environments with no special demands for chemical resistance or conductivity. The ALSIDENT® SYSTEM 75 AL extraction arms consist of aluminium tubes and joints of red or white Polypropylene (PP).

### Antistatic (AS) – A safe choice for ESD and EX-environments

ALSIDENT® SYSTEM 75 AS extraction arms are used in environments with special demands for conductivity, e.g. in sensitive ESD-environments or in environments with explosive atmosphere. The extraction arms are delivered with an earthing wire.

The tubes and joints of the antistatic version are made of black conductive Polypropylene (PP).

ALSIDENT® SYSTEM 75 AS has been tested and approved for use in ESD-environments according to IEC 61340-5-1.

ALSIDENT® SYSTEM 75 has also been approved for use in explosive areas and is marked:

**EX II 1 GD**

### Chemical Resistant (PP) – for aggressive areas

The ALSIDENT® SYSTEM 75 Chemical Resistant (PP) extraction arms are used in work areas with special requirements for chemical resistance because of the type of pollution, e.g. chemical fumes. The tubes and joints of this material version are made of white Polypropylene (PP).

### Customized Solutions – short delivery time

In addition to the standard range, ALSIDENT® SYSTEM 75 also offers special customized solutions. Please contact your ALSIDENT® distributor to find the best solution. ALSIDENT® offers short delivery time for both standard products and special solutions.

## Materials

	System 75 AL	System 75 AS	System 75 PP
<b>Tubes – Ø 75 mm / 3"</b>	Anodized Aluminium	Conductive Polypropylene (PP)	Polypropylene (PP)
<b>Joints and flanges</b>	Polypropylene (PP)	Conductive Polypropylene (PP)	Polypropylene (PP)
<b>Threaded stay and springs</b>	Acid-proof stainless steel <sup>1)</sup>	Acid-proof stainless steel <sup>1)</sup>	Acid-proof stainless steel <sup>1)</sup>
<b>Gas springs</b>	Steel	Steel	Steel
<b>O-rings</b>	Polyethylene (PE)	Conductive Polyethylene (PE)	Polyethylene (PE)

1) AISI 316L





### System 75 Extraction Arms – Ø 75 mm / 3"

	Reach [mm/"]	Basic Article No.	ALU (as illustrated) Colour of joints:		PP (white) Colour of joints:		AS (Black)
			●	○	●	○	●
TABLE MOUNTED – 2 JOINTS							
	550 / 21.65	75-35-1-	4	5	7-4	7-5	6
	650 / 25.59	75-45-1-	4	5	7-4	7-5	6
	750 / 29.53	75-55-1-	4	5	7-4	7-5	6
TABLE MOUNTED – 3 JOINTS							
	830 / 32.68	75-3535-1-	4	5	7-4	7-5	6
	1105 / 43.50	75-5545-1-	4	5	7-4	7-5	6
	1290 / 50.79	75-6555-1-	4	5	7-4	7-5	6
	1620 / 63.78	75-9065-1-	4	5	7-4	7-5	
WALL- AND CEILING MOUNTED – 3 JOINTS							
	795 / 31.30	75-3535-3-	4	5	7-4	7-5	6
	1200 / 47.24	75-3590-3-	4	5	7-4	7-5	6
	1060 / 41.73	75-5545-3-	4	5	7-4	7-5	6
	1230 / 48.43	75-6555-3-	4	5	7-4	7-5	6
	1550 / 61.02	75-9065-3-	4	5	7-4	7-5	22-6 <sup>1)</sup>
	1660 / 65.35	75-9065-3-22- <sup>1)</sup>	4	5	7-4	7-5	22-6 <sup>1)</sup>
	1730 / 68.11	75-9090-3-	4	5			
	1990 / 78.35	75-9090-3-22- <sup>2)</sup>	4	5	7-4	7-5	6

1) With one external spring

2) With two external springs

○	Only one colour
⊗	Not available

ALSIDENT® SYSTEM 75 consists of three parts to be ordered separately: Extraction arm, hood and bracket.

Article no. of hoods and brackets  
– please see opposite page.

For further information about accessories, please visit:  
[www.alsident.com](http://www.alsident.com)

Distributor



### Hoods

SUCTION PEN	Length [mm /"]	Basic Article no.	ALU (like photo) Colour/plastic parts:		PP (like photo) Colour/plastic parts:		AS (Black)
			●	○	●	○	
	250 / 9.84	1-7525	-	-			
	250 / 9.84	1-7525-			7-4	7-5 (photo)	6
	250 / 9.84	1-7526-	4	5			
SUCTION NOZZLE	Width [mm /"]	Basic Article no.	ALU (like photo) Colour/plastic parts:		PP (white) Colour/plastic parts:		AS (Black)
			●	○	●	○	
	250 / 9.84	1-7525-	4	5			
HOOD	Dim. [mm /"]	Basic Article no.	ALU (like photo) Colour/plastic parts:		PP (white) Colour/plastic parts:		AS (Black)
			●	○	●	○	
	Dia.: 200 / 8	1-7524-	4	5	7-4	7-5	
	Dia.: 200 / 8	1-7524-					6
	Dia.: 200 / 8	1-7524 1)	-	-			
	420x320 / 16.54x 12.60	1-754232-	4*	5*	7-4	7-5	
	Dia.: 280 / 11	1-7528-	4*	5*			
	Dia.: 385 / 15	1-7535-	4*	5*	7-4	7-5	6
	330x240 / 13x9.45	1-753324-	4*	5*	7-4	7-5	6







\*) PETG: Polyethylene terephthalate, glycol modified

- 1) Suitable for autoclaving  
2) Black on request  
3) For PP tubes

○ Only one colour  
× Not available

ALSIDENT® SYSTEM 75 consists of three parts to be ordered separately: Extraction arm, hood and bracket.  
Article no. of extraction arms – please see opposite page.  
For further information about accessories, please visit:  
[www.alsident.com](http://www.alsident.com)

### Brackets

BRACKET / U-PROFILE	Description	Article no.	Colour	
	Table bracket	2-7510	white ○	
	U-profile	30-75-5	white ○	
	Wall Bracket	2-195	white ○	
		2-195-050	black ●	
CEILING COLUMN	Length [mm /" ] - colour	Basic Article no.	Connection	
	250/10 ○	2-250-		20
	250 / 10 ●	2-250-050-		20
	500 / 20 ○	2-500-	80	20
	500 / 20 ●	2-500-050-	80	20
	750 / 30 ○	2-750-	80	20
	750 / 30 ●	2-750-050-	80	20
	1000 / 40 ○	2-1000-	80	20
	1000 / 40 ●	2-1000-050-	80	20
	1250 / 50 ○ <sup>2)</sup>	2-1250-	80	20
	1500 / 60 ○ <sup>2)</sup>	2-1500-	80	20
	1750 / 70 ○ <sup>2)</sup>	2-1750-	80	20
	2000 / 80 ○ <sup>2)</sup>	2-2000-	80	20

### Other Accessories

REDUCER	Diameter of pipe [mm /"]	Article no.	Colour
	80-75 / 3.15-2.95	4-8075	white ○
	80-75 / 3.15-2.95	4-8075-6	black ●
	100-75 / 3.94-2.95	4-10075	white ○
	100-75 / 3.94-2.95	4-10075-6	black ●
PROTECTIVE GRILL	Diameter of pipe [mm /"]	Article no.	Colour
	75	5-17	white ○
		5-17-6	AS (black) ●
		5-17-7 3)	PP (white) ○
SUPPORT BRACKET	Size [mm /"]	Article no.	Colour
	200 x 200 / 8 x 8	4-75-5	white ○
COVERING FLANGE	Size [mm /"]	Article no.	Colour
	200 x 200 / 8 x 8	4-200-200	white ○
AIRFLOW ALARM	Description	Article no.	Colour
	Audible and visual alarm at airflow below 4 m/sec.	10-01	as photo



## Accessories for the ALSIDENT® SYSTEM 75 Telescopic arm ... choose from a wide selection of hoods

The range of accessories for the ALSIDENT® SYSTEM 75 Telescopic arm includes mounting brackets, hoods and reducers.

The mounting brackets (wall bracket and ceiling columns) are from the System 100 range and are made of white powder coated steel. The ceiling columns are available in standard lengths between 500 mm (20") and 2000 mm (80"). The reducer is made of Polypropylene (PP) and are used in the connection from the extraction arm to the ventilation system. The selection of

hoods for the ALSIDENT® SYSTEM 75 Telescopic arm is from the System 75 range offering the best possibility of adapting the choice of hood to the workplace and the type of pollution.

The hoods are available in transparent PETG, anodized or powder coated aluminium.

See insert for further information.

Please also feel free to visit [www.alsident.com](http://www.alsident.com) or contact your distributor.



## ALSIDENT® SYSTEM 75 Telescopic arm Space-saving – with a long reach

Distributor





## Local Exhaust – for a cleaner working environment

Installation of individual fume extraction systems at the source of the pollutant during the working process prevents the spread of polluted air into the surroundings. A local exhaust system is therefore the best solution for a clean working environment.

### User-friendly extraction arm

ALSIDENT® SYSTEM fume extraction arms are self-sustaining with internal threaded stays and bearing springs. This construction constitutes a very user-friendly fume extraction arm that is easy to adjust to the source of the pollutant during the working process.

### Easy maintenance and long durability

The only maintenance an ALSIDENT® SYSTEM extraction arm needs is cleaning according to requirements. It is easy to disassemble the arm and reassemble it after cleaning without the need for tools. All ALSIDENT® SYSTEM extraction arms are made of high-quality materials ensuring easy maintenance and long durability. All plastic parts are made of shock-proof Polypropylene (PP). The aluminium parts are anodized and the internal and external surfaces of all brackets are powder coated. Threaded stays, springs and finger screws are made of acid-proof stainless steel ensuring long durability in aggressive environments. All O-rings are maintenance-free.

### Measurements of pressure drop and efficiency

The Danish Technological Institute has measured the sound level, pressure drop and efficiency of the ALSIDENT® SYSTEM extraction arms and hoods. Please contact your distributor, ALSIDENT® SYSTEM A/S or visit [www.alsident.com](http://www.alsident.com) for test results, dimensioning diagrams and installation heights.

# ALSIDENT® SYSTEM 75 Telescopic – an elegant and practical extraction arm

### Applications

**ALSIDENT® SYSTEM 75 is suited for air volumes between 80-180 m³/h (45-110 CFM).**

The ALSIDENT® SYSTEM 75 Telescopic arm is built like a 2-joint extraction arm with a telescopic tube. The telescopic tube is space-saving and very suitable for stationary work situations in e.g. laboratories, machine shops, at weighing machines and by pouring of fluids.

### Adjusted to the work conditions

The ALSIDENT® SYSTEM 75 Telescopic extraction arms are quickly mounted with standard brackets for wall or ceiling from ALSIDENT® SYSTEM 100.

The standard ALSIDENT® SYSTEM 75 Telescopic extraction arm is available in 2 types reaching 1300 mm or 1900 mm (51.20" or 74.80"). The combination of mounting type and reach makes it possible to adjust the extraction arm to each work situation. See insert for further information.

### Aluminium (AL) – For most applications

The ALSIDENT® SYSTEM 75 Telescopic arm is made of Aluminium (AL) and is used in environments with no special demands for chemical resistance or conductivity.

The ALSIDENT® SYSTEM 75 Telescopic extraction arms consist of aluminium tubes and movable joints of white Polypropylene (PP). The telescopic tube is reduced from Ø100 mm to Ø75 mm. The sliding tube is infinitely variable and self-sustaining.

### Customized solutions – short delivery time

In addition to the standard range, ALSIDENT® SYSTEM 75 also offers special customized solutions. Please contact your Alsident distributor to find the best solutions.

ALSIDENT® offers short delivery time for both standard products and special solutions.

### Materials

	System 75AL Telescopic
Tubes – Ø 75 mm / 3" and Ø 100 mm / 4"	Anodized Aluminium
Joints and flanges	Polypropylene (PP)
Threaded stay and springs	Acid-proof stainless steel <sup>1)</sup>
O-rings	Polyethylene (PE) / Polypropylene (PP)
Tube reducer	Polyethylene HD (PEHD)


1) AISI 316L

# System 75 Telescopic

## Product Overview



### System 75 Telescopic – Ø 75 mm / 3"

	Reach [mm/"]	Article no.
	<b>WALL MOUNTED</b>	
	950-1300 / 37.40-51.20	900-1300-2
	1300-1900 / 51.20-74.80	900-1900-2
	<b>CEILING MOUNTED</b>	
	950-1300 / 37.40-51.20	900-1300-3
	1300-1900 / 51.20-74.80	900-1900-3

ALSIDENT® SYSTEM 75 TELESCOPIC consists of three parts to be ordered separately: Extraction arm, hood and bracket. Article no. of hoods and brackets – please see opposite page. For further information about accessories, please visit: [www.alsident.com](http://www.alsident.com)










Distributor

# System 75 – Telescopic

## Product overview



### Hoods

SUCTION PEN	Length [mm/"]	Basic Article no.	ALU (like photo) Colour of plastic parts:	
			●	○
	250 / 9.84	1-7525	-	-
	250 / 9.84	1-7526-	4	5
SUCTION NOZZLE	Width [mm/"]	Basic Article no.	ALU (like photo) Colour of Plastic Parts:	
			●	○
	250 / 9.84	1-7525-	4	5
HOOD	Dim. [mm/"]	Basic Article no.	ALU (like photo) Colour of Plastic Parts:	
			●	○
	Dia.: 200 / 8	1-7524-	4	5
	Dia.: 200 / 8	1-7524 <sup>1</sup>	-	-
	420x320 / 16.54x12.60*	1-754232-	4	5
	Dia.: 280 / 11*	1-7528-	4	5
	Dia.: 385 / 15*	1-7535-	4	5
	330x240 / 13x9.45*	1-753324-	4	5



\*) PETG: Polyethylene terephthalate, glycol modified

1) Suitable for autoclaving





- ☐ Only one colour  
☒ Not available

ALSIDENT® SYSTEM 75 TELESCOPIC consists of three parts to be ordered separately: Extraction arm, hood and bracket.  
Article no. of extraction arms – please see opposite page.  
For further information about accessories, please visit:  
[www.alsident.com](http://www.alsident.com)

### Brackets

BRACKET	Description	Article no.	Colour	
	Wall bracket	2-10035	white ○	
		2-10035-22	stainless steel ●	
CEILING COLUMN	Length [mm/"] / colour	Article no.	Connection	
			Side	Top
	500 / white ○	2-100-500	80	20
	500 / black ●	2-100-500-050	80	20
	750 / white ○	2-100-750	80	20
	750 / black ●	2-100-750-050	80	20
	1000 / white ○	2-100-1000	80	20
	1000 / black ●	2-100-1000-050	80	20
	1250 / white ○	2-100-1250	80	20
	1500 / white ○	2-100-1500	80	20
	1750 / white ○	2-100-1750	80	20
	2000 / white ○	2-100-2000	80	20

### Other Accessories

REDUCER	Diameter of pipe [mm/"]	Article no.	Colour
	100-125 / 4-5	4-100125	white ○
PROTECTIVE GRILL	Diameter of pipe [mm/"]	Article no.	Colour
	75	5-17	white ○
SUPPORT BRACKET	Size [mm/"]	Article no.	Colour
	250 x 250 / 10 x 10	2-100-5	white ○
COVERING FLANGE	Size [mm/"]	Article no.	Colour
	250 x 250 / 10 x 10	4-250-250	white ○
AIRFLOW ALARM	Description	Article no.	Colour
	Audible and visual alarm at airflow below 4 m/sec.	10-01	as photo





## Accessories for ALSIDENT® SYSTEM 100

### ... a wide selection of hoods and brackets

The range of accessories for ALSIDENT® SYSTEM 100 includes mounting brackets, hoods and reducer.

The mounting brackets are made of powder coated steel. The bracket versions are either U-profiles for fixing on a table, wall brackets or a wide selection of columns for ceiling mounting. The ceiling columns are available in standard lengths between 500 mm (20") and 2000 mm (80").

The reducer is made of Polypropylene (PP) and is used in the connection from the extraction arm to the ventilation system.

The selection of hoods for the 3 material versions of ALSIDENT® SYSTEM 100 is very wide. It offers the best solution for adapting

the choice of hoods to the workplace in question and the type of pollution.

The choice of hood material depends on model and material version. The hoods for the ALSIDENT® SYSTEM 100 Aluminium arms are available in the following materials: transparent PETG, anodized or powder coated aluminium.

The hoods for ALSIDENT® SYSTEM 100 antistatic arms are available in conductive Polypropylene (PP) or chromated aluminium (TCP). Hoods for ALSIDENT® SYSTEM 100 PP are made of white Polypropylene (PP).

See insert for further information.

Please also feel free to visit [www.alsident.com](http://www.alsident.com) or contact your distributor.

Distributor



# ALSIDENT® SYSTEM 100

## Powerful fume extraction arm for heavy-duty tasks



**Local Exhaust**  
– for a cleaner working environment

Installation of individual fume extraction systems at the source of the pollutant during the working process prevents the spread of polluted air into the surroundings. A local exhaust system is therefore the best solution for a clean working environment.

**User-friendly extraction arm**

ALSIDENT® SYSTEM fume extraction arms are self-sustaining with internal threaded stays and bearing springs. (The longest types of System 100 arms are equipped with external gas springs instead of internal springs). This construction constitutes a very user-friendly fume extraction arm that is easy to adjust to the source of the pollutant during the working process.

**Easy maintenance and long durability**

The only maintenance an ALSIDENT® SYSTEM extraction arm needs is cleaning according to requirements. It is easy to disassemble the arm and reassemble it after cleaning without the need for tools. All ALSIDENT® SYSTEM extraction arms are made of high-quality materials ensuring easy maintenance and long durability. All plastic parts are made of shock-proof Polypropylene (PP). The aluminium parts are anodized and the internal and external surfaces of all brackets are powder coated. Threaded stays, springs and finger screws are made of acid-proof stainless steel ensuring long durability in aggressive environments. All O-rings are maintenance-free.

**Measurements of pressure drop and efficiency**

The Danish Technological Institute has measured the sound level, pressure drop and efficiency of the ALSIDENT® SYSTEM extraction arms and hoods. Please contact your distributor, ALSIDENT® SYSTEM A/S or visit [www.alsident.com](http://www.alsident.com) for test results, dimensioning diagrams and installation heights.

# ALSIDENT® SYSTEM 100

## – Long reach – three material versions

**Applications**

**ALSIDENT® SYSTEM 100 is suited for air volumes between 140-400 m³/h (80-235 CFM).**

Depending on material version, ALSIDENT® SYSTEM 100 is very applicable in trades such as laboratories, hospitals, chemical industries, and pharmaceutical industries and the food industry, universities and machine shops where a large capacity is needed.

**Adjusted to the work conditions**

The ALSIDENT® SYSTEM 100 extraction arms are quickly mounted with standard brackets for table, wall or ceiling.

The standard ALSIDENT® SYSTEM 100 is available in various types that are complementary to each other with reaches up to 2630 mm (103.54"). Therefore it is possible to choose an extraction arm applicable for each work situation. See insert for further information.

**Material versions**

ALSIDENT® SYSTEM 100 is available in three material versions – aluminium (AL), antistatic (AS) and chemical resistant (CR). The choice of material version depends on each work process and type of pollution.

**Aluminium (AL)**  
– For most applications

ALSIDENT® SYSTEM 100 AL is used in environments with no special demands for chemical resistance or conductivity. The ALSIDENT® SYSTEM 100 AL extraction arms consist of aluminium tubes and joints of white Polypropylene (PP).

**Antistatic (AS)**  
– for ESD or EX-environments

ALSIDENT® SYSTEM 100 AS extraction arms are used in environments with special demands for conductivity, e.g. in sensitive ESD-environments or in environments with explosive atmosphere. The extraction arms are delivered with earthing wire. The tubes and joints of the antistatic version are made of black conductive Polypropylene (PP).

ALSIDENT® SYSTEM 100 AS has been tested and approved for use in ESD-environments according to IEC 61340-5-1.

ALSIDENT® SYSTEM 100 has also been approved for use in explosive areas and is marked:

**EX II 1 GD**

**Chemical Resistant (PP)**  
– for aggressive areas

The ALSIDENT® SYSTEM 100 Chemical Resistant (PP) extraction arms are used in work areas with special requirements for chemical resistance because of the type of pollution, e.g. chemical fumes. The tubes and joints of this material version are made of white Polypropylene (PP).

**Customized solutions**  
– short delivery time

In addition to the standard range, ALSIDENT® SYSTEM 100 also offers special customized solutions. Please contact your ALSIDENT® distributor to find the best solution. ALSIDENT® offers short delivery time for both standard products and special solutions.






**Materials**

	System 100 AL	System 100 AS	System 100 PP
<b>Tubes – Ø 100 mm / 4"</b>	Anodized Aluminium	Conductive Polypropylene (PP)	Polypropylene (PP)
<b>Joints and flanges</b>	Polypropylene (PP)	Conductive Polypropylene (PP)	Polypropylene (PP)
<b>Threaded stay and springs</b>	Acid-proof stainless steel <sup>1)</sup>	Acid-proof stainless steel <sup>1)</sup>	Acid-proof stainless steel <sup>1)</sup>
<b>Gas springs</b>	Steel	Steel	Steel
<b>O-rings</b>	Polypropylene (PP)	Conductive Polypropylene (PP)	Polypropylene (PP)

1) AISI 316L



### System 100 Extraction Arms – Ø 100 mm / 4"

	Reach [mm / "']	Basic Article no.	AL (white)	PP (white)	AS
			○	○	●
TABLE MOUNTED – 2 JOINTS					
	795 / 31.30	100-55-1- 3 <sup>3)</sup>	5	7-5	6
TABLE MOUNTED – 3 JOINTS					
	1040 / 40.94	100-4540-1- 3 <sup>3)</sup>	5	7-5	6
	1185 / 46.65	100-5545-1- 3 <sup>3)</sup>	5	7-5	6
	1370 / 53.94	100-6555-1- 3 <sup>3)</sup>	5	7-5	6
	1710 / 67.32	100-9065-1- 1) 3 <sup>3)</sup>	5	7-5	6
	2130 / 83.86	100-10585-1- 2) 3 <sup>3)</sup>	5	7-5	6
WALL MOUNTED – 2 JOINTS					
	795 / 31.30	100-55-2- 3 <sup>3)</sup>	5	7-5	6
WALL MOUNTED – 3 JOINTS					
	1040 / 40.94	100-4540-2- 3 <sup>3)</sup>	5	7-5	6
	1185 / 46.65	100-5545-2- 3 <sup>3)</sup>	5	7-5	6
	1370 / 53.94	100-6555-2- 3 <sup>3)</sup>	5	7-5	6
	1710 / 67.32	100-9065-2- 1) 3 <sup>3)</sup>	5	7-5	6
	2130 / 83.86	100-10585-2- 2) 3 <sup>3)</sup>	5	7-5	6
	2630 / 103.54	100-135105-2- 2) 3 <sup>3)</sup>	5	7-5	6
WALL/CEILING MOUNTED – 3 JOINTS					
	1185 / 46.65	100-5545-3- 4 <sup>4)</sup>	5	7-5	6
	1370 / 53.94	100-6555-3- 4 <sup>4)</sup>	5	7-5	6
	1710 / 67.32	100-9065-3- 1) 4 <sup>4)</sup>	5	7-5	6
	2130 / 83.86	100-10585-3- 2) 4 <sup>4)</sup>	5	7-5	6
	2630 / 103.54	100-135105-3- 2) 4 <sup>4)</sup>	5	7-5	6

1) With one external gas spring

2) With two external gas springs

3) For Wall Bracket 2-10035

4) For Square Wall Bracket 2-100-203 – see next page >>

Distributor





### Hoods

HOOD	Dim. [mm/"]	Basic Article no.	ALU (as photo)	PP (white)	AS (black)
			○	○	●
	Dia.: 200 / 8	1-10024	- 1)		6**
	Dia.: 200 / 8	1-10024-	5	7-5	
	Dia.: 385 / 15	1-10035-	5*	7-5	6
	Dia.: 500 / 20	1-10050-	5*	7-5	6
	Dia.: 350 / 14	1-10036-	5		6**
	Dia.: 350 / 14	1-10036-5-	5		
	420x280 / 16.5x11	1-1004228-	5*	7-5	6

\*) PETG: Polyethylene terephthalate, glycol modified

\*\*) TCP: Chromated Aluminium (Trivalent Chromium Passivation)

1) Suitable for autoclaving

2) Black on request

3) For PP tubes

○ Only one colour  
 ☒ Not available

### Brackets

BRACKET / U-PROFILE	Description	Article no.	Colour	
	Wall Bracket	2-10035	white	○
		2-10035-22	stainless steel	●
	Square Wall Bracket	2-100-203	white	○
	U-profile	30-100-5	white	○
CEILING COLUMN	Length [mm/"]	Article no.	Connection	
			Side	Top
	500 / 20 (white)	2-100-500	80	20
	500 / 20 (black)	2-100-500-050	80	20
	750 / 30 (white)	2-100-750	80	20
	750 / 30 (black)	2-100-750-050	80	20
	1000 / 40 (white)	2-100-1000	80	20
	1000 / 40 (black)	2-100-1000-050	80	20
	1250 / 50 (white)	2-100-1250 2)	80	20
	1500 / 60 (white)	2-100-1500 2)	80	20
	1750 / 70 (white)	2-100-1750 2)	80	20
	2000 / 80 (white)	2-100-2000 2)	80	20

### Other Accessories

REDUCER	Diameter of pipe [mm/"]	Article no.	Colour
	100-125	4-100125	white ○
		4-100125-6	black ●
PROTECTIVE GRILL	Diameter of pipe [mm/"]	Article no.	Colour
	100	5-18	white ○
		5-18-6	AS (black) ●
		5-18-7 3)	PP (white) ○
SUPPORT BRACKET	Size [mm/"]	Article no.	Colour
	250 x 250 / 10 x 10	2-100-5	white ○
COVER FLANGE	Size [mm/"]	Article no.	Colour
	250 x 250 / 10 x 10	4-250-250	white ○
AIRFLOW ALARM	Description	Article no.	Colour
	Audible and visual alarm at airflow below 4 m/sec.	10-01	as photo

ALSIDENT® SYSTEM 100 consists of three parts to be ordered separately: Extraction arm, hood and bracket.  
 Article no. of extraction arms – please see opposite page.  
 For further information about accessories, please visit:  
[www.alsident.com](http://www.alsident.com)