

Product Description



System 50 – Aluminium

Alsident® System 50 AL – airflow between 45 – 85 m³/h.

System 50 Aluminium is suitable in non-aggressive working environments where there are no special requirements for chemical resistance or antistatic abilities such as laboratories, pharmaceutical industry, schools, hairdressers, nail studios, electronics industries, dentists etc.

The standard Alsident® System 50 AL extraction arms are available in various types that are complementary to each other with ranges up to 1,660 mm. The System 50 AL extraction arms are easily mounted with standard brackets for table, wall or ceiling. In combination with the wide range of hood designs this makes it possible to choose an extraction arm adapted for each work situation.

Alsident® System 50 AL extraction arms are self-sustaining with an internal bearing spring, joints of polypropylene and pipes of anodized aluminium with a diameter of 50 mm. All internal components are of acid-proof stainless steel (AISI 316L). This construction constitutes a very user-friendly extraction arm that is easy to adjust to the source of the pollutant during the working process.

An extraction arm from Alsident® System consists of three parts: An extraction arm, a hood and a mounting bracket. Each part must be ordered separately.

In addition to the standard range, Alsident® System 50 AL 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 productions and special solutions.



Technical Specifications

Recommended Airflow:	Normal:	65 m ³ /h
	Minimum:	45 m ³ /h
	Maximum:	85 m ³ /h
Air temperature:	-15°C – +90°C	
Material:	Pipes:	Anodized Aluminium, 10 µ
	Joints:	Polypropylene (PP) – red, white or black
	O-Rings:	Polyethylene (PE)
	Mounting Flanges:	Polypropylene (PP) – red, white or black
	Damper:	Polyethylene (PE)
	Thumbscrew:	Polypropylene (PP) – black
	Threaded stay:	Acid-proof stainless steel (AISI 316L)
	Spring:	Acid-proof stainless steel (AISI 316L)
Abbr.:	PP:	Polypropylene Shatterproof and chemical resistant
	PE:	Polyethylene
	PETG:	Polyethylene Therephthalat, Glykol modified Transparent and resistant to solvents.

Local Extraction for workplaces incl. all materials for mounting.
All components RoHS-compatible according to the directive 2002/95/EF (RoHS).

Technical Reports

Technical Reports:	Capture Efficiency (Danish Technological Institute) Download: www.alsident.com > Technical Support > Test Reports
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Key to the Signatures

SYSTEM NO.	VERSION	CHAPTER	PAGE NO.
50	AL Aluminium	GI General Information	01
		TM Table Mounted	
		WCM Wall/Ceiling Mounted	