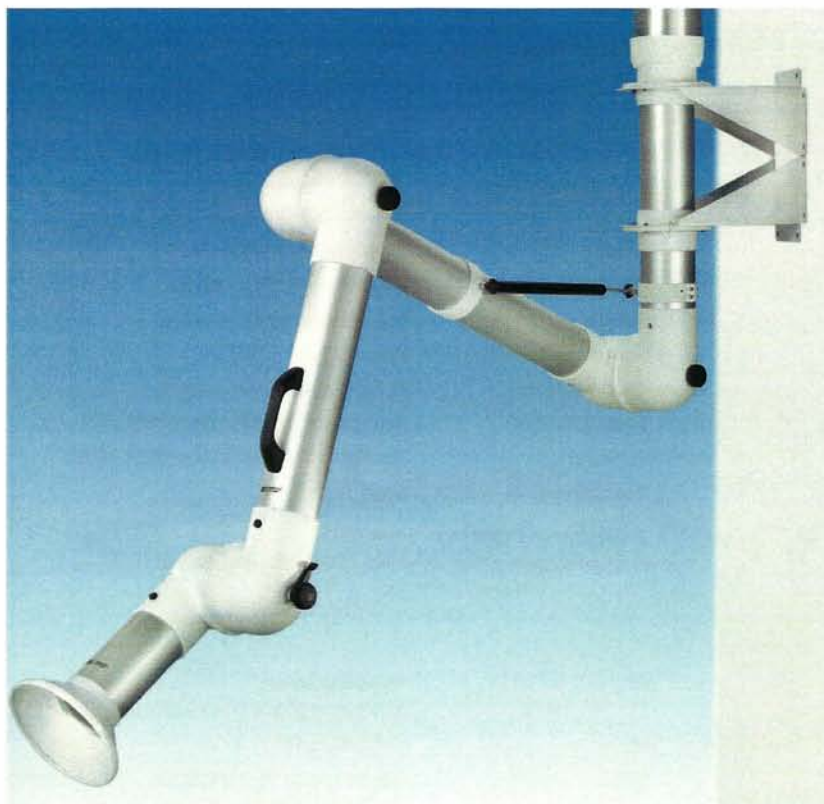


Product Description



System 100 – Aluminium

Alsident® System 100 AL – airflow between 140 - 400 m³/h

System 100 Aluminium is suitable in non-aggressive working environments where large air volumes are required and where there are no special requirements for chemical resistance or antistatic abilities such as laboratories, hospitals, chemical-, pharmaceutical- and food industry, universities and engineering industries.

The standard Alsident® System 100 AL extraction arms are available in various types which are complementary to each other with ranges up to 2630 mm. The System 100 AL extraction arms are easily mounted with standard brackets for table, wall or ceiling. In combination with the range of hood designs this makes it possible to choose an extraction arm adapted for any work situation.

Alsident® System 100 AL extraction arms are self-sustaining with an internal bearing spring, joints of polypropylene (PP) and tubes of anodized aluminium with a diameter of 100 mm. All internal components are of acid-proof stainless steel (AISI 316L). The shortest model is supplied with an internal spring, whereas the longest model is supplied with one or two external gas springs.

The construction constitutes a very user-friendly extraction arm which 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 100 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:	270 m ³ /h
	Minimum:	140 m ³ /h
	Maximum:	400 m ³ /h
Air Temperature:	-15°C – +90°C	
Material:	Pipes:	Anodized Aluminium (10 µ)
	Joint:	Polypropylene (PP) – white
	O-ring:	Polyethylene (PE) – white
	Flange:	Polypropylene (PP) – white
	Damper:	Polypropylene (PP)
	Thumbscrew:	Polypropylene (PP) – black
	Threaded Stay:	Acid-proof stainless steel (AISI 316L)
	Spring ¹ :	Acid-proof stainless steel (AISI 316L)
	Gas spring ² :	Steel

1) Used for arm types up to 100-6555

2) Used for arm types 100-9065, 100-10585 and 100-135105

Abbr.:	PP:	Polypropylene Shatterproof and chemical resistant
	PE:	Polyethylene
	PETG:	Polyethylene Therephthalat, Glycol-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

Key to the signatures

SYSTEM NO.	VERSION	CHAPTER	PAGE NO.
100	AL Aluminium	GI General Information	01
		TM Table mounted	
		WM Wall mounted	
		WCM Wall/Ceiling mounted	