

## Product Description



### System 100 – Chemical Resistant (CR)

**Alsident® System 100 CR – airflow between 140 - 400 m<sup>3</sup>/h.**

System 100 Chemical Resistant is suitable in working environments where large air-volumes are required and where there are special requirements for chemical resistance such as laboratories, hospitals, chemical-, pharmaceutical- and food industry.

The standard Alsident® System 100 CR extraction arms are available in various types that are complementary to each other with ranges up to 2630 mm. The System 100 CR 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 each work situation.

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

The 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 100 CR 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.

# Product Specification

## Technical Specifications

<b>Recommended Airflow:</b>	Normal:	270 m <sup>3</sup> /h
	Minimum:	140 m <sup>3</sup> /h
	Maximum:	400 m <sup>3</sup> /h
<b>Air Temperature:</b>	-15°C – +90°C	
<b>Material:</b>	Pipes:	Polypropylene (PP) – white
	Joint:	Polypropylene (PP) – white
	O-rings:	Polyethylene (PE)
	Flange:	Polypropylene (PP) – white
	Damper:	Polypropylene (PP)
	Thumbscrew:	Polypropylene (PP) – black
	Threaded Stay:	Acid-proof stainless steel (AISI 316L)
	Spring <sup>1</sup> :	Acid-proof stainless steel (AISI 316L)
	Gas spring <sup>2</sup> :	Steel

1) Used for arm types up to 100-6555

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

<b>Abbr.:</b>	PE:	Polyethylene
	PP:	Polypropylene Shatterproof and chemical resistant
	PETG:	Polyethylene Terephthalat, 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).

## Key to the signatures

SYSTEM NO.	VERSION	CHAPTER	PAGE NO.
<b>100</b>	<b>CR</b> Chemical Resistant	<b>GI</b> General Information	<b>05</b>
		<b>TM</b> Table mounted	
		<b>WM</b> Wall mounted	
		<b>WCM</b> Wall/Ceiling mounted	