

# ACP 120 series

## General Purpose Adixen Dry Pumps



### SIMPLE AND RELIABLE PUMPS

#### INDUSTRIAL DRY PUMPS

Successfully installed worldwide in the Semiconductor industry for over ten years, the Alcatel multi-roots technology is now available for other market segments.

ACP 120 series offer an attractive combination of pumping speed and ultimate pressure for many R&D and industrial applications still using oil-sealed pumps.

Two versions available :

- Standard version
- G version

#### MAIN BENEFITS

ACP 120 pumps will provide many advantages :

- no oil or particulate contamination,
- environmentally friendly,
- low power consumption,
- low ultimate pressure,
- continuous inlet pressure up to 300 mbar,
- up to 10 m<sup>3</sup> volume evacuation,
- resistant to harsh cycling.

#### RELIABILITY

The ACP 120 frictionless design results in high reliability and low cost of ownership.

- Constant vacuum performance over the time
- Minimal downtime
- Up to 17 000 hours between preventive maintenance

**adixen**

## Applications

- Glass coating
- Other coaters
- General R&D applications
- Metallurgy
- Drying processes
- Cylinder evacuation
- Foreline pumping of roots blowers
- Freeze drying



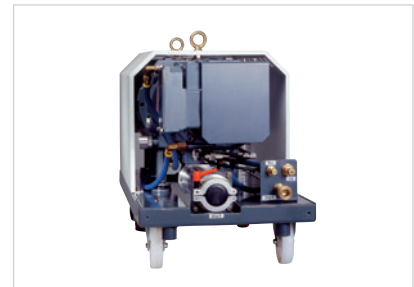
ACP 120 standard version is designed for non-corrosive applications.  
ACP 120 G version is suitable for pumping traces of corrosive gases or condensable vapours.

## Technical data

		units	ACP 120	ACP 120 G
Peak pumping speed	50 Hz	m <sup>3</sup> /h	95	
	60 Hz	cfm	66	
Pumping speed at 1000 mbar	50 Hz	m <sup>3</sup> /h	60	
	60 Hz	cfm	47	
Ultimate pressure	50 Hz	mbar	3.10 <sup>-2</sup>	
	60 Hz	Torr	1.1.10 <sup>-2</sup>	
Ultimate pressure	50 Hz	mbar	NA	9.10 <sup>-2</sup>
	60 Hz	Torr	NA	3.8.10 <sup>-2</sup>
Power supply	Voltage range	V	LV : 200/208 - 230 50/60 Hz	
			HV : 380/415 50 Hz / 460/480 60 Hz	
Nominal motor rating		kW	1.5	
Water cooling flow		l/h	60	
Inlet port interface		ISO-KF	DN50	
Exhaust port		ISO-KF	DN40	
Dimensions : L x W x H		mm	840 x 370 x 505	
Noise level		dBA	< 65	
Weight		Kg	205	

## Ordering information

Item	P/N
ACP 120 standard version	<b>802239</b>
ACP 120 G version	<b>802240</b>



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