

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 m³ 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

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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 ³ /h | 95 | |
| | 60 Hz | cfm | 66 | |
| Pumping speed at 1000 mbar | 50 Hz | m ³ /h | 60 | |
| | 60 Hz | cfm | 47 | |
| Ultimate pressure Without purge | 50 Hz | mbar | 3.10 ⁻² | |
| | 60 Hz | Torr | 1.1.10 ⁻² | |
| Ultimate pressure With 50 Sl/mn purge flow | 50 Hz | mbar | NA | 9.10 ⁻² |
| | 60 Hz | Torr | NA | 3.8.10 ⁻² |
| Power supply Voltage range | | | 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 | 802239 |
| ACP 120 G version | 802240 |



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