

A 124-1204 H

Multi-stage Roots vacuum pumps



High performance

Dry and energy-efficient, specially designed for semiconductor and coating applications

Flexible

Adjustable settings to match individual process requirements

Certified

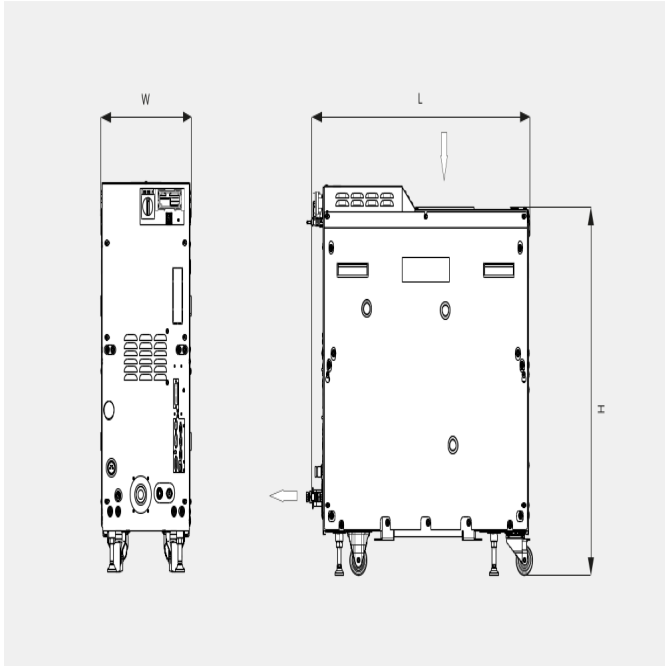
SEMI S2 and UL 61010 certified

A 124-1204 H

Multi-stage Roots vacuum pumps



Dimensional drawing



Pumping speed

The following technical values refer to ISO 50 Hz

	A 124 H	A 604 H	A 1204 H
Nominal pumping speed	95 m ³ /h	480 m ³ /h	1050 m ³ /h
Ultimate pressure	5 · 10 ⁻² hPa (mbar)	3 · 10 ⁻³ hPa (mbar)	3 · 10 ⁻³ hPa (mbar)
Power consumption at ultimate pressure	1.3 kW	2.1 kW	2.1 kW
Cooling water flow	2.3 - 3 l/min	2.5 - 4 l/min	2.5 - 4 l/min
Sound pressure level	<65 dB(A)	<68 dB(A)	<69 dB(A)
Weight approx.	240 kg	370 kg	530 kg
Dimensions (L x W x H)	961 x 388 x 579 mm	961 x 388 x 776 mm	961 x 388 x 911 mm
Gas inlet	DN 50	DN 100	DN 160
Gas outlet	DN 40	DN 40	DN 40

A 124-1204 H

Multi-stage Roots vacuum pumps



The following technical values refer to ISO 60 Hz

	A 124 H	A 604 H	A 1204 H
Nominal pumping speed	110 m ³ /h	560 m ³ /h	1150 m ³ /h
Ultimate pressure	2 · 10 ⁻² hPa (mbar)	2 · 10 ⁻³ hPa (mbar)	2 · 10 ⁻³ hPa (mbar)
Power consumption at ultimate pressure	1.5 kW	2.3 kW	2.3 kW
Cooling water flow	2.3 - 3 l/min	2.5 - 4 l/min	2.5 - 4 l/min
Sound pressure level	<65 dB(A)	<68 dB(A)	<69 dB(A)
Weight approx.	240 kg	370 kg	530 kg
Dimensions (L x W x H)	961 x 388 x 579 mm	961 x 388 x 776 mm	961 x 388 x 911 mm
Gas inlet	DN 50	DN 100	DN 160
Gas outlet	DN 40	DN 40	DN 40