



EV - X

THE SUSTAINABLE ONE

More efficiency with a reduced footprint
of 33% for energy *



PHOTOVOLTAIC



SEMICONDUCTOR



GENERAL
VACUUM

The EV-X is the choice for a wide application range.
The optimized rotor design enables higher gas flow pumping.
The EV-X stands for high reliability, realizes stable operation and long maintenance cycles. This pump contributes to the improvement of customer's productivity.

BENEFITS

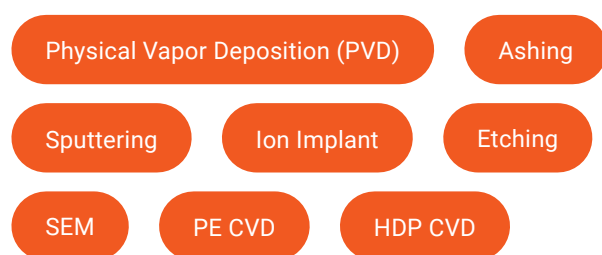
- / 33% footprint reduction*
- / Wide range of applications
- / Optimized pump temperature profile
- / Low power consumption
- / Long maintenance cycles

*Compared to pumps in 2kL/min class

Models		EV-X30N	EV-X100N	EV-X200N	EV-X300N
Pumping speed in l/min		3,000	10,000	20,000	30,000
Pumping speed in m³/h		180	600	1,200	1,800
Ultimate pressure Pa/mbar		2 / 2x10 ⁻³	0.5 / 5x10 ⁻³	0.5 / 5x10 ⁻³	0.5 / 5x10 ⁻³
Power at ultimate Pressure in kW		0.8	0.9	1.0	1.5
Cooling water flow in l/min		>1			
N ₂ purge flow in Pam³/s		22 - 29			
Size in mm	L	695	665	665	778
	W	275	275	275	360
	H	561	811	811	874
Weight in kg		110	235	235	315

All data without guarantee.
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APPLICATIONS FOR EV-X



APPLICATIONS RANGE



For further information, technical data or drawings
please contact [✉ components@ebara-pm.eu](mailto:components@ebara-pm.eu)

EBARA is a worldwide leading global manufacturer of vacuum and semiconductor systems used in the production of wafers, liquid crystals, solar cells and other products requiring advanced technology.

EBARA supports



United Nations
Global Compact



SUSTAINABLE
DEVELOPMENT
GOALS

EBARA Precision Machinery Europe (EPME) is part of the Japanese EBARA Group. The portfolio includes dry and turbo molecular vacuum pumps as well as gas abatement systems. In addition, EPME sells state-of-the-art CMP tools, wafer bevel polishing and substrate coating systems. In Europe, EPME has a central warehouse and two overhaul centres for vacuum pumps. EBARA is best-in-class on the vacuum pumps and CMP tools world market and No 1 on the wafer bevel polisher world market.

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