



SEMICONDUCTOR



GENERAL
VACUUM



R&D



PHOTOVOLTAIC



EV-S

THE ENERGY SAVER

EV-S dry vacuum pump for small
dimensions and big energy savings



The EV-S has the lowest power consumption in its class. The flexible rotation speed and idle mode make their contribution to save energy. In clean applications no N₂ purge or nitrogen is required.

BENEFITS

- Significantly reduced energy consumption
- Low operation costs
- High profitability
- Very small footprint



Models *	EV-S20	EV-S30	EV-S50	EV-S100	EV-S200	
Max pumping speed in l/min	1,670	3,300	5,000	10,000	20,000	
Max pumping speed in m ³ /h	100	198	300	600	1,200	
Ultimate pressure Pa Gas ballast: on	3.0	1,0	0,5	0.5	0.5	
Power at ultimate Pressure in kW	0.4	0,4	0.55	0.65	0.75	
Cooling requirements	water cooling					
Noise emission dB(A)	57	57	57	57	63	
Size in mm	W	450	250	450	510	650
	L	230	724	230	260	275
	H	275	355	520	520	580
Weight in kg	60	90	100	120	170	
Application form	light duty applications					

All data without guarantee.

APPLICATIONS FOR EV-S

- Load lock
- Transfer
- Etch
- CVD

APPLICATIONS RANGE



* All models as N and P version
 N = with Nickel resistant alloy
 P = with pressure sensor

For further information, technical data or drawings please contact  components@ebarapm.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



EBARA Precision Machinery Europe (EPME) is part of the Japanese EBARA Group and employs approximately 150 people in Europe. 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 an overhaul centre for vacuum pumps.

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