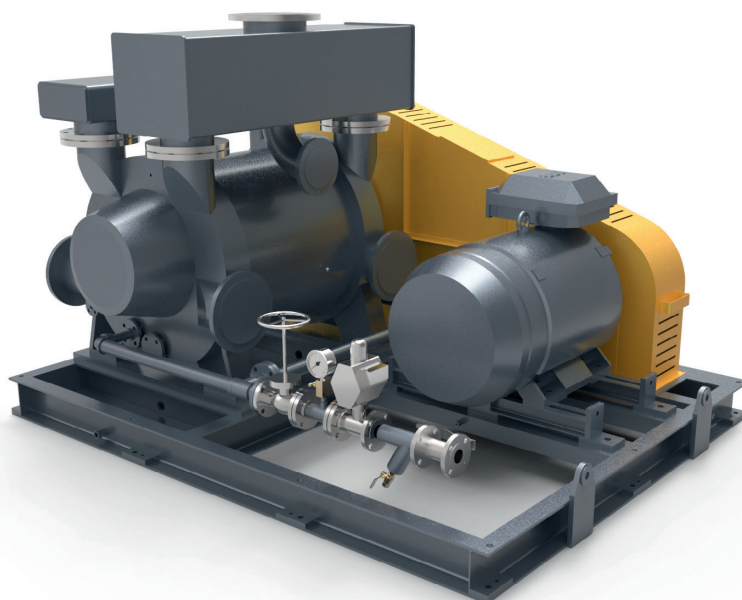


Liquid ring vacuum pumps

AWL 6000 – AWL 37500

Atlas Copco



Atlas Copco AWL liquid ring vacuum pumps feature single stage design and tough construction to offer outstanding performance and durability at high capacity ranges and rough vacuum pressures.

Atlas Copco AWL liquid ring pumps are ideal for pumping either dry or wet gasses, with a high tolerance to liquid carryover, especially on condensable processes. The AWL range of pumps offer economical vacuum solutions to processes requiring high flow requirements at vacuum pressures down to 160 mbar(a).

The series are supplied to customer defined material and drive configurations. Stainless steel and coating options make these units ideal for filtration, evacuation and evaporation duties in the toughest environments such as mining & minerals, sugar production, timber impregnation, pulp & paper.

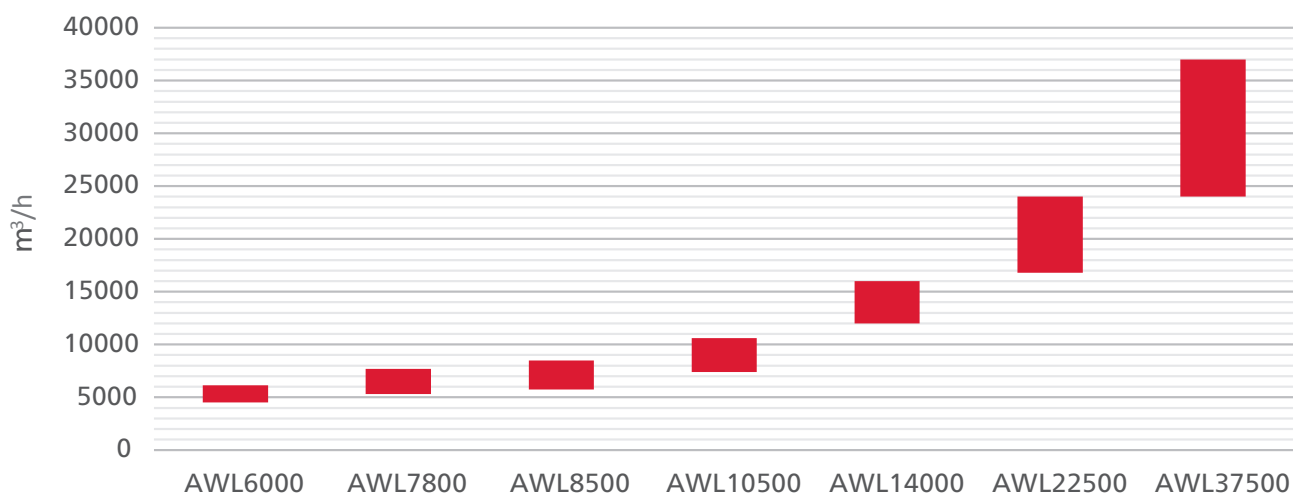
Features and benefits

- Simple single stage operation principle
- Flanged center body for strength
- Very high suction capacities
- V-Belt or Gearbox drive options
- Very low maintenance requirement
- Exceptional vapor / humidity handling
- Stable self-regulating performance
- Compact economic installation
- Materials of construction: carbon steel, ductile SG iron, stainless steels, epoxy and ceramic coatings
- High efficiency IE3 motor drives as standard

Technical specifications

	AWL 6000	AWL 7800	AWL 8500	AWL 10500	AWL 14000	AWL 22500	AWL 37500
Process DN	250	300	250	300	400	450	500
Nominal rpm	440	372	440	372	312	312	236
Nominal capacity (m ³ /h)	5400	6050	6800	8350	13500	22000	28050
Ultimate pressure (mbar(a))	160	160	160	160	160	160	160
Nominal power (kW)	90	100	117	133	250	500	
Block dimensions							
Block width	1110	1370	1110	1370	1370	1620	2050
Block height	1570	1865	1570	1865	2263	2690	2965
Block length	1985	2170	2135	2540	2805	3161	3655
Dry weight (kg)	3250	4700	3600	5000	7110	10830	17000
Minimum	4500	5300	5750	7400	12000	16800	24000
	1650	2400	2750	3200	4000	7200	13000
Maximum	6150	7700	8500	10600	16000	24000	37000

Performance range



Dimensions

	AWL6000	AWL7800	AWL8500	AWL10500	AWL14000	AWL22500	AWL37500
A	120	140	120	140	160	2690	200
B	165	200	165	200	240	240	280
C	335	355	335	355	375	400	450
D	1150	1110	1300	1480	1820	2129	2490
E	1985	2170	2135	2540	2808	3161	3661
F	1570	1865	1570	1865	2265	2690	3055
G	1050	1625	1050	1625	1925	2285	2560
H	560	670	560	670	800	950	1120
J	800	950	800	950	1120	1320	1600
K	1110	1370	1110	1370	1370	1620	2050
L	35	42	35	42	42	48	48
M	285	335	285	335	385	435	490
N	530	620	530	620	755	805	860
P	395	475	395	475	560	665	790

All dimensions in mm.

