



Alcatel ADS-602P, ADS-1202P

Technical Specifications

60 Hz	Units	ADP 122	ADS 602	ADS 1202	ADS 1802
Peak pumping speed	m ³ /h	112	560	1150	1700
	cfm	65.8	329	676	1000
	l/mn	1867	9333	19167	28333
Typical ultimate pressure (no purge) *	mbar	9 x 10 ³	5 x 10 ⁴	5 x 10 ⁴	5 x 10 ⁴
	torr	6.7 x 10 ³	3.7 x 10 ⁴	3.7 x 10 ⁴	3.7 x 10 ⁴
Max. ultimate pressure (no purge)	mbar	1.5 x 10 ²	9 x 10 ⁴	9 x 10 ⁴	9 x 10 ⁴
	torr	1.1 x 10 ²	6.7 x 10 ⁴	6.7 x 10 ⁴	6.7 x 10 ⁴
Ultimate pressure (35 SLM purge)	mbar	5 x 10 ²	6 x 10 ³	6 x 10 ³	6 x 10 ³
	torr	3.7 x 10 ²	4.5 x 10 ³	4.5 x 10 ³	4.5 x 10 ³
Power at ultimate	kW	1.5	2	3.2	3.5
Motor rating	kW	1.5	3	5.2	7.5

50 Hz	Units	ADP 122	ADS 602	ADS 1202	ADS 1802
Peak pumping speed	m ³ /h	95	480	1050	1700
	cfm	55.8	282	617	1000
	l/mn	1583	8000	17500	28333
Typical ultimate pressure (no purge)	mbar	1 x 10 ²	8 x 10 ⁴	8 x 10 ⁴	8 x 10 ⁴
	torr	7.5 x 10 ³	6 x 10 ⁴	6 x 10 ⁴	6 x 10 ⁴
Max. ultimate pressure (no purge)	mbar	3 x 10 ²	2 x 10 ³	2 x 10 ³	9 x 10 ⁴
	torr	2.2 x 10 ²	1.5 x 10 ³	1.5 x 10 ³	6.7 x 10 ⁴
Ultimate pressure (35 SLM purge)	mbar	9 x 10 ²	9 x 10 ³	9 x 10 ³	6 x 10 ³
	torr	6.7 x 10 ²	6.7 x 10 ³	6.7 x 10 ³	4.5 x 10 ³
Power at ultimate	kW	1.3	1.8	3	3.5
Motor rating	kW	1.5	3	5.2	7.5

Cooling water, quick connectors		1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	
Cooling water typical	l/mn	1	1	1.3	5	
	gal/mn	0.26	0.26	0.34	1.1	
Inlet connection	ISO-K / KF	DN 50	DN 100	DN 100	DN 100	
Outlet connection	ISO-KF	DN 40	DN 40	DN 40	DN 40	
Weight	kg	243	378	522	540	
	lbs	540	840	1160	1190	
Dimensions	Length	mm	830	830	995	1110
	Width	mm	390	390	390	390
	Height	mm	580	875	985	985
	Length	inches	32.7	32.7	39.2	43.7
	Width	inches	15.4	15.4	15.4	15.4
	Height	inches	22.8	34.4	38.8	38.8



PROVAC

SALES

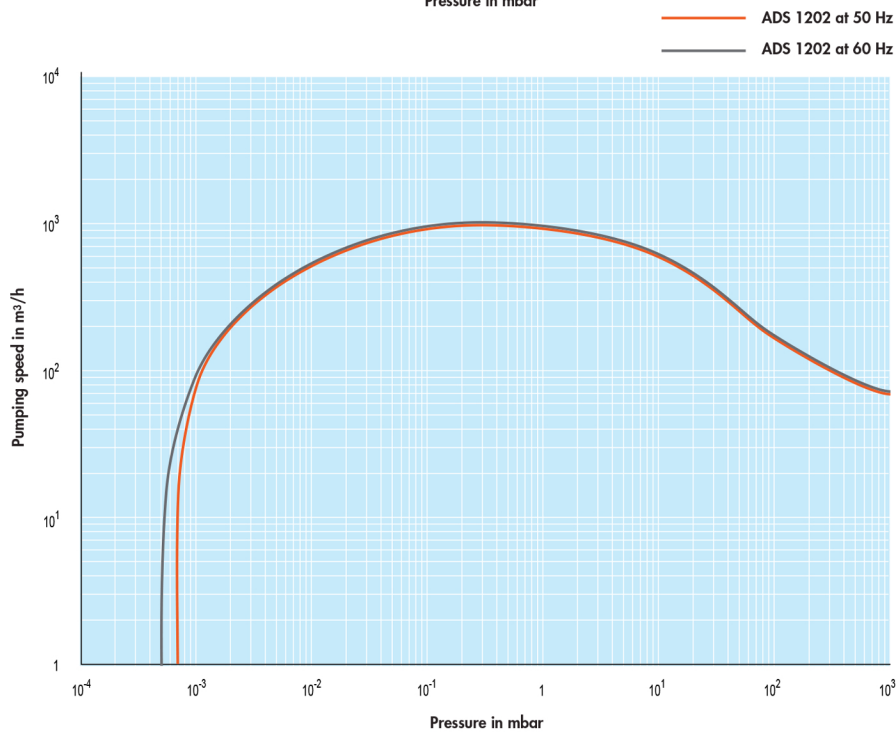
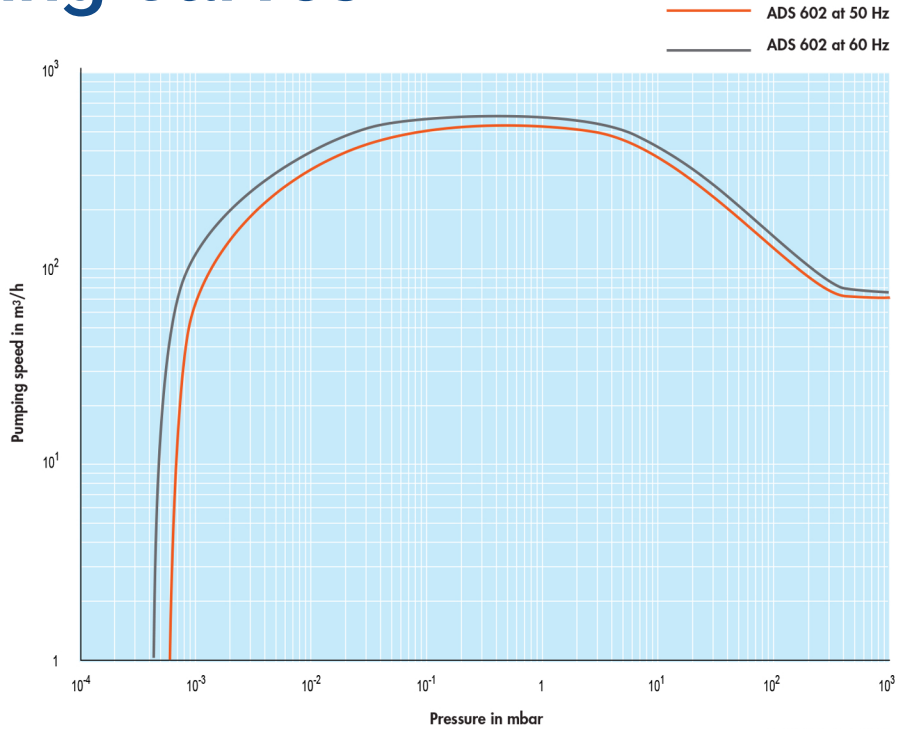
PHONE: 831-462-8900

FAX: 831-462-3536

WWW.PROVAC.COM

Alcatel ADS-602P, ADS-1202P

Pumping Curves





PROVAC

SALES

PHONE: 831-462-8900

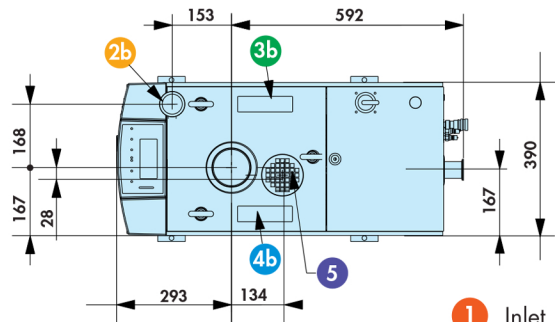
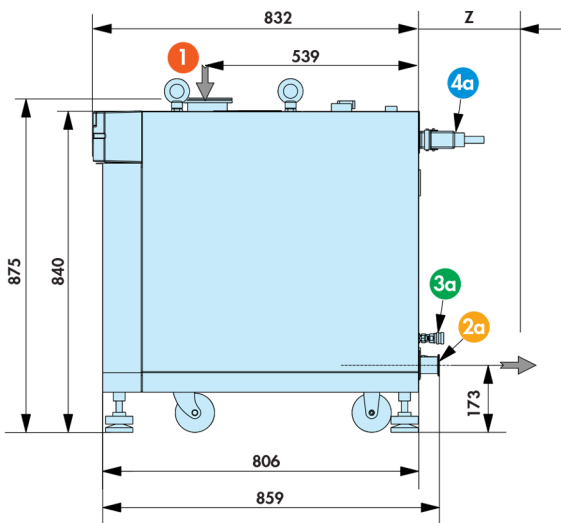
FAX: 831-462-3536

WWW.PROVAC.COM

Alcatel ADS-602P, ADS-1202P

Dimensions

ADS 602



- 1** Inlet
- 2a** Exhaust position
- 2b** Alternative exhaust position
- 3a** Water/N2 utilities position
- 3b** Alternative water/N2 utilities connection
- 4a** Main power position
- 4b** Alternative main power position
- 5** Exhaustable cover connection
Ø : 100 mm

ADS 1202

