

Liquid-ring compressor / vacuum pumps		Aqualine 1200	Aqualine 1600	Aqualine 2100	Aqualine 2700	Aqualine 2600	Aqualine 3200	Aqualine 3800
Volume flow at free air delivery	m ³ /h cfm	1170 688	1280 753	1680 988	2165 1274	2165 1274	2680 1576	3200 1882
Volume flow at residual pressure of 400 mbar								
18" HG/60 % vacuum	m ³ /h cfm	1220 718	1300 765	1700 1000	2075 1221	2075 1220	2570 1511	3065 1803
Max. operating pressure above atm.	bar psig	1.5 21.75	1.5 21.75	1.5 21.75	0.5 7.25	0.5 7.25	0.5 7.25	0.5 7.25
Max. operating pressure above atm. with V-belt drive	bar psig	1.5 21.75	1.5 21.75	0.5 7.25	0.5 7.25	0.5 7.25	0.5 7.25	0.5 7.25
Speed*	1/min. rev/min	1800	1500	1500	1500	1500	1500	1500
Power requirement at shaft at 0.5 bar/7.25 psig	kw hp	58 79	50 68	65 88	84 113	108 147	134 182	160 218
Mass moment of inertia incl. liquid ring	kgm ² lb.sq. ft	0.75	1.0 (23.75)	1.3 (30.88)	1.6 (38.0)	2.9 (69)	3.5 (83)	4.2 (100)
Operating vacuum for continuous operation	mbar/% "Hg	200/80 17.8	200/80 24	200/80 24	200/80 24	200/80 24	200/80 24	200/80 24
Sound pressure level at 7 m (22 ft) and at 400 mbar/0.5 bar	dB A	66	68	70	72	68	70	72
Weight	kg lb	120 264	165 363	180 396	195 430	460 1012	479 1054	498 1096

Dimensions		Aqualine 1200	Aqualine 1600	Aqualine 2100	Aqualine 2700	Aqualine 2600	Aqualine 3200	Aqualine 3800
a	mm inches	170 6.69	260 10.24	350 13.78	450 17.72	525 20.7	595 23.4	665 26.2
b	mm inches	-	400 15.75	445 17.52	495 19.49	495 19.49	530 20.87	565 22.24
c	mm inches	644 25.4	720 28.35	810 31.89	910 35.83	865 34.0	935 36.81	1005 39.57
d	mm inches	-	379 14.92	424 16.69	474 18.66	-	-	-
e	mm inches	-	308 12.13	353 13.90	403 15.87	-	-	-
f	mm inches	-	418 16.46	463 18.23	513 20.20	-	-	-

The minimum speed of all pumps is 1000 1/min. (rev/min).

Our technical specifications are determined and TÜV certified in accordance with DIN 28 431.

Performances based on inlet air at standard temperature of 68°F, and ambient pressure of 14.7 psia and 36% relative humidity. Dimensions shown in inches.

Weights are in pounds and approximate.