

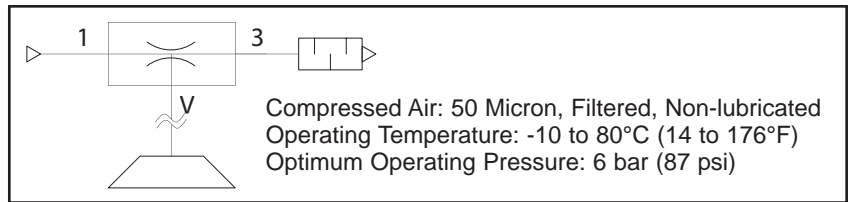
### Classic Style Vacuum Pump Offers High Flow at Moderate Vacuum with Low Noise Levels

#### Features:

- A good choice for High Flow at Moderate Vacuum Levels
- Minimum Space Requirements
- Economical Proven Design, Low Air Consumption
- Lightweight yet Precise Aluminum Construction with Brass Nozzles
- Quiet Operation as Each Pump is Supplied With Muffler
- All Vacuum Pumps from the MSP 025 model and larger include a Top Quality ANVER Vacuum Gauge as Standard
- "G" to "NPT" adapters provided where required

#### Specifications:

The below information is for only the basic vacuum generator with vacuum gauge and muffler. The vacuum control of these generators is served through a manual or automatic control valve situated on the compressed air supply line.



#### Usage:

ANVER MSP Series Multi-Stage Pneumatically-Driven Vacuum Pumps operate on the Venturi Principle. They are ideally designed for applications requiring high flows at moderate vacuum levels. MSP Vacuum Pumps provide vacuum levels down to 27 in. Hg, and flows to 340 SCFM. Their highly efficient operation make MSP Vacuum Pumps suitable for a wide range of applications, particularly in the Packaging and Material Handling Industries, as well as in the Industrial Automation and Laboratory environments.

ANVER Item No.	Max. Vacuum in. Hg (mm Hg)	Vacuum Flow SCFM (L/min.)	Air Consumption SCFM (L/min.)	Equivalent P-Series Pump Number	Vacuum Flow at Vacuum Level SCFM (L/min.)								
					0 Hg	3 Hg	6 Hg	9 Hg	12 Hg	15 Hg	18 Hg	21 Hg	24 Hg
MSP005	25 (635)	0.99 (28)	0.56 (16)	N/A	0.99 (28)	0.49 (14)	0.32 (9)	0.21 (6)	0.12 (3.4)	0.09 (2.6)	0.06 (1.7)	0.03 (0.9)	0.01 (0.3)
MSP010	25 (635)	1.98 (56)	1.13 (32)	N/A	1.98 (56)	0.99 (28)	0.64 (18)	0.42 (12)	0.24 (6.8)	0.18 (5.1)	0.12 (3.4)	0.06 (1.7)	0.02 (0.6)
MSP020	25 (635)	3.88 (110)	2.19 (60)	N/A	3.88 (110)	2.05 (58)	1.14 (32.3)	0.95 (26.9)	0.53 (15.0)	0.36 (10.2)	0.28 (7.9)	0.14 (4.0)	0.07 (2.0)
MSP020L	19.5 (495)	5.65 (160)	2.54 (72)	N/A	5.65 (160)	4.03 (114)	2.61 (74)	2.05 (58)	1.41 (40)	0.99 (28)	0.34 (9.6)	0.00 (0.0)	0.00 (0.0)
MSP025	27 (690)	10.60 (300)	3.35 (95)	MLD25 32.01.070 (M25) (M25B6-ENAF)	10.59 (300)	7.41 (210)	4.98 (141)	2.47 (70)	1.77 (50)	1.38 (39)	0.99 (28)	0.67 (20)	0.42 (12)
MSP040L	19.5 (495)	16.95 (480)	7.63 (216)	N/A	16.95 (480)	12.08 (342)	7.84 (222)	6.14 (174)	4.24 (120)	2.97 (84)	1.02 (29)	0.00 (0.0)	0.00 (0.0)
MSP040M	27.8 (706)	9.53 (270)	5.09 (144)	N/A	9.53 (270)	5.71 (162)	4.73 (134)	3.53 (100)	2.61 (74)	1.77 (50)	1.20 (34)	0.20 (5.7)	0.08 (2.3)
MSP050	27 (690)	17.65 (500)	6.71 (190)	MLD50 32.01.071 (M50) (M50B6-EN)	17.65 (500)	14.05 (398)	7.90 (224)	4.87 (138)	3.53 (100)	2.75 (78)	2.12 (60)	1.48 (42)	0.81 (23)
MSP100	27 (690)	31.70 (900)	13.41 (380)	MLD100 32.01.072 (M100) (M100B6-EN)	31.77 (900)	28.1 (796)	15.18 (430)	9.74 (276)	7.06 (200)	5.51 (156)	4.24 (120)	2.97 (84)	1.62 (46)
MSP150	27 (690)	74.13 (2100)	24.71 (700)	N/A	74.13 (2100)	52.95 (1500)	34.60 (980)	18.36 (520)	12.71 (360)	10.59 (300)	7.59 (215)	4.94 (140)	2.97 (84)

# Vacuum Pumps and Vacuum Generators



## MSP Series Multi-Stage Air Powered Vacuum Pumps

ANVER Item No.	Max. Vacuum in. Hg (mm Hg)	Vacuum Flow SCFM (L/min.)	Air Consumption SCFM (L/min.)	Equivalent P-Series Pump Number	Vacuum Flow at Vacuum Level SCFM (L/min.)								
					0 Hg	3 Hg	6 Hg	9 Hg	12 Hg	15 Hg	18 Hg	21 Hg	24 Hg
MSP200	27 (690)	112.96 (3200)	33.53 (950)	<b>MLL200</b> 31.01.056U	112.96 (3200)	79.07 (2240)	52.24 (1480)	26.48 (750)	18.71 (530)	14.83 (420)	11.30 (320)	7.41 (210)	4.41 (125)
MSP400	27 (690)	148.26 (4200)	49.42 (1400)	<b>MLL400</b> 31.01.057U	148.26 (4200)	105.90 (3000)	69.19 (1960)	36.71 (1040)	25.42 (720)	20.47 (580)	15.18 (430)	9.88 (280)	5.93 (168)
MSP400-S	27 (690)	148.26 (4200)	49.42 (1400)	N/A	148.26 (4200)	105.90 (3000)	69.19 (1960)	36.71 (1040)	25.42 (720)	20.47 (580)	15.18 (430)	9.88 (280)	5.93 (168)
MSP800	27 (690)	338.88 (9600)	101.66 (2880)	<b>MLL800</b> 31.01.058U	338.88 (9596)	236.51 (6700)	157.09 (4448)	79.07 (2239)	56.13 (1590)	44.48 (1260)	33.54 (950)	22.24 (630)	13.41 (380)

► This spec sheet was adapted for print from our website. Additional information and photos are available at [www.anver.com](http://www.anver.com). 5042501

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