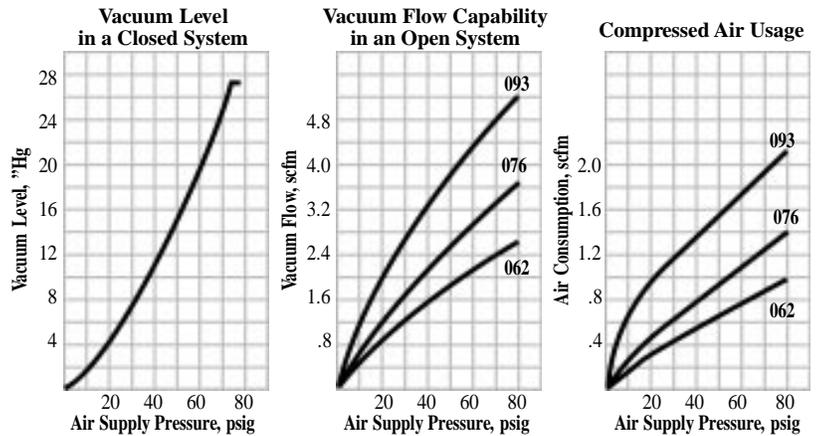


Multistage design with lightweight plastic housing and brass orifice efficiently generates high vacuum flow and high vacuum level. It offers excellent vacuum flow to air consumption ratios.

"H" Version

Produces vacuum levels up to 27.7" Hg and vacuum flow rates up to 4.9 scfm.

Model Number	MFPM062H	MFPM076H	MFPM093H
Vacuum Level, "Hg	27.4	27.5	27.7
Vacuum Flow, scfm	2.4	3.3	4.9
Air Consumption, scfm	.82	1.2	1.9
Weight, oz.	2	2	2
Sound Level, dBA	69	70	71



Time in Seconds to Evacuate a Volume of 1 Cubic Foot

"Hg	1.5	3	6	9	12	15	18	21	24
MFPM062H	1.2	3.5	11	28	55	85	125	180	350
MFPM076H	.8	2.3	7.3	26	48	72	98	129	197
MFPM093H	.3	.9	3.2	8.2	18	31	47	71	104

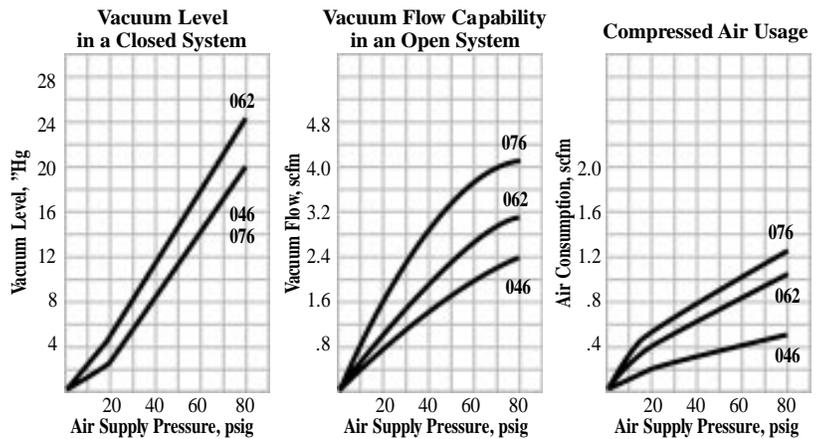
Vacuum Flow Rate, scfm vs. Vacuum Level, "Hg

"Hg	0	1.5	3	6	9	12	15	18	21	24
MFPM062H	2.4	1.66	1.02	.61	.24	.22	.20	.17	.08	.04
MFPM076H	3.3	1.97	1.35	.75	.37	.33	.29	.22	.16	.07
MFPM093H	4.9	3.51	2.50	1.52	.63	.51	.44	.31	.25	.16

"L" Version

Produces low vacuum levels and vacuum flow rates up to 4.1 scfm, *but with substantially lower levels of air consumption than the "H" versions.*

Model Number	MFPM046L	MFPM062L	MFPM076L
Vacuum Level, "Hg	18.8	21.0	18.8
Vacuum Flow, scfm	2.3	3.1	4.1
Air Consumption, scfm	.49	.98	1.18
Weight, oz.	2	2	2
Sound Level, dBA	67	69	69



Time in Seconds to Evacuate a Volume of 1 Cubic Foot

"Hg	1.5	3	6	9	12	15	18		
MFPM046L	1.3	4.4	18	38	64	101	166		
MFPM062L	.8	2.4	9.0	22	38	62	96		
MFPM076L	.5	1.5	6.0	14	25	42	75		

Vacuum Flow Rate, scfm vs. Vacuum Level, "Hg

"Hg	0	1.5	3	6	9	12	15	18
MFPM046L	2.3	.97	.55	.30	.24	.18	.12	.03
MFPM062L	3.1	1.93	1.29	.52	.43	.33	.21	.11
MFPM076L	4.1	2.57	1.81	.81	.62	.47	.28	.09

• Sound levels recorded with S147AV muffler, see page 24.
 • Materials of construction: glass filled nylon body, brass air supply fitting, and nylon reinforced Buna N Flapper valve.
 • Replacement Flapper valves available - see page 24.

• Operating temperature (degrees): 0 to 200 F
 • All data recorded at 70-75 psig air supply.