

## MVF90 Series - Multi-Stage Vacuum Pump

- Multi-stage Venturi with low air consumption and no heat generation
- Maximum vacuum level -27.1 inHg
- Vacuum Flow Rates from 12.5 to 35 SCFM
- Suitable for handling porous products and overcoming high leakage rates
- Supplied with mounting brackets, vacuum gauge and free flow silencer
- Available in NPT and G thread systems



Induced vacuum flow (scfm) at vacuum level (-inHg)

Model	Air Cons. SCFM	Max Vacuum inHg	0	3	6	9	12	15	18	21	24	27
MVF90-10	3.3	27.1	12.54	7.24	4.70	2.30	1.62	1.27	0.85	0.49	0.21	0.009
MVF90-20	6.6	27.1	18.11	10.70	6.57	3.21	2.26	1.77	1.20	0.71	0.28	0.011
MVF90-30	9.9	27.1	24.36	15.22	9.85	4.84	3.43	2.68	1.77	1.02	0.46	0.019
MVF90-40	13.3	27.1	35.10	20.27	13.14	6.43	4.55	3.57	2.37	1.38	0.60	0.025

Evacuation time (s/cf) to reach different vacuum levels (-inHg)

Model	3	6	9	12	15	18	21	24	27
MVF90-10	0.67	1.77	3.88	8.69	15.18	24.36	38.84	66.03	151.41
MVF90-20	0.49	1.27	2.79	6.21	10.84	17.41	27.75	47.17	108.15
MVF90-30	0.32	0.85	1.84	4.13	7.24	11.62	18.50	31.43	72.10
MVF90-40	0.25	0.64	1.38	3.11	5.44	8.69	13.88	23.59	54.06

# Dimensional information

## MVF90-10/20/30/40

