

## MVF90D 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 20 to 53.9 SCFM
- **Dual Exhaust silencers allow higher initial vacuum flows than single silencer types**
- Suitable for handling porous products and overcoming high leakage rates
- Available in NPT and G thread systems



Induced vacuum flow (scfm) at vacuum level (-inHg) @ 80 PSI

Model	Air Cons. SCFM	Max Vacuum inHg	0	3	6	9	12	15	18	21	24	27
MVF90D-20	6.6	27.1	20.06	11.58	7.52	3.67	2.61	2.05	1.34	0.78	0.35	0.015
MVF90D-30	9.9	27.1	30.08	17.37	11.26	5.51	3.88	3.04	2.05	1.20	0.49	0.020
MVF90D-40	13.3	27.1	38.88	22.46	14.55	7.13	5.05	3.95	2.61	1.52	0.67	0.028
MVF90D-50	16.6	27.1	47.63	27.51	17.83	8.72	6.18	4.84	3.21	1.87	0.81	0.034
MVF90D-60	19.9	27.1	53.92	31.14	20.20	9.89	6.99	5.47	3.64	2.12	0.92	0.038

Evacuation time (s/cf) to reach different vacuum levels (-inHg) @ 80 PSI

Model	3	6	9	12	15	18	21	24	27
MVF90D-20	0.42	1.09	2.43	5.43	9.49	15.21	24.29	41.27	94.63
MVF90D-30	0.28	0.74	1.62	3.63	6.32	10.17	16.71	27.5	63.09
MVF90D-40	0.21	0.56	1.23	2.78	4.9	7.87	12.53	21.29	48.83
MVF90D-50	0.17	0.45	1.02	2.29	3.99	6.42	10.2	17.37	39.82
MVF90D-60	0.14	0.42	0.91	2.01	3.53	5.64	9.03	15.35	35.2

# Dimensional information MVF90D-20/30/40/50/60

