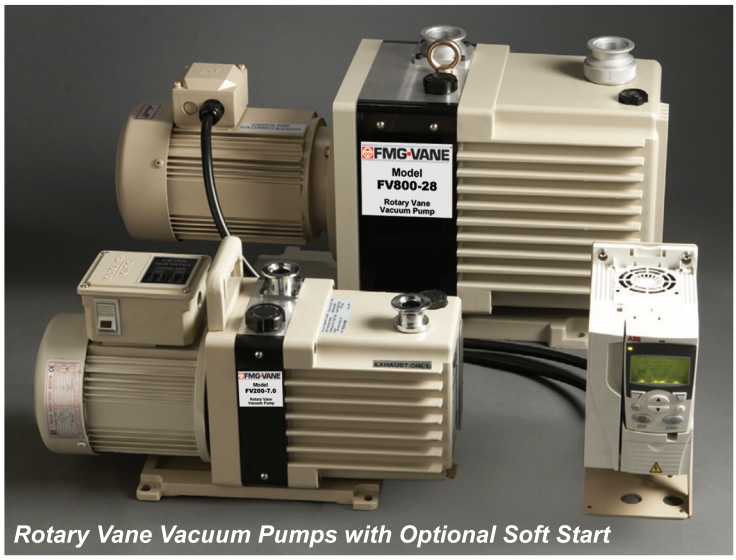
FMG-VANE™



Rotary Vane Vacuum Pumps with Optional Soft Start

FMG-VANE™ Two-Stage Rotary Vane Vacuum Pumps are rugged, have a long life and require minimal maintenance.

These compact and extremely quiet pumps produce an ultimate pressure of 5 x 10^{-4} Torr (6.7 x 10^{-2} Pascal, 6 x 10^{-4} mbar).

Eight models are available with capacities from 3 to 64 CFM; 6 to 108 m^3/hr.

Motors are available in all voltages, 50 or 60 Hz and 1 or 3 phase. Motors with the "CE" mark are standard on all pump models.

Inlet and outlet ports feature easy to use NW-25 or NW-40 flanges. Anti-suckback protection is standard on all models.

Vane Pump Models

3.5 cfm	100 liters/min	6m^3/hr
5 cfm	140 liters/min	8.5m^3/hr
7 cfm	200 liters/min	12m^3/hr
14 cfm	400 liters/min	24m^3/hr
21 cfm	600 liters/min	36m^3/hr
28 cfm	800 liters/min	48m^3/hr
35 cfm	1000 liters/min	60m^3/hr
53 cfm	1500 liters/min	90m^3/hr
64 cfm	1800 liters/min	108m^3/hr

Features

- Extremely Quiet
- Anti Suck Back Design
- Satisfaction Guaranteed
- Two Year Warranty
- Virtually Vibration Free
- Motors for Any Voltage
- Complies with Machinery Directive 98/37/EC

FMG Service & Support

FMG services and supports vacuum systems from all major pump manufacturers. We are an authorized OEM service center. We service small to 10,000 CFM pumps. FMG repairs and re-manufactures cost-effective, ultra-reliable systems. FMG's service staff of factory-trained technicians keep your equipment running at peak efficiency and minimize downtime, which saves you money.

FMG
Certified Vacuum Pump Sales & Service
http://FMGVacPump.com
call 800.327.6177

Toll-Free: 800.327.6177
Main: 408.982.0110
Fax: 408.982.0529
E-mail: sales_fmg@fmgvacpump.com
FMG Enterprises Inc., 1125 Memorex Drive, Santa Clara, CA 95050

Two-Stage Rotary Vane Vacuum Pump Models

Note: Tolerance is ± 10% of nominal value for all voltages

Model FV100-3.5 — 3.5 cfm • 100 liters/min • 6m^3/hr

FV100-115/230-60 or **FV100-115/230-60-NW16** ..... 115 or 208 to 230V, 60 Hz, 1ø, 0.4 kw (1/2 hp)
FV100-115/230-50/60 or FV100-115/230-50/60-NW16 ..... 115 or 230V, 50 or 60 Hz, 1ø, 0.4 kw (1/2 hp)
FV100-OPT-380-50/60 or FV100-OPT-380-50/60-NW16 .... 230 or 380V, 50 or 60 Hz, 3ø, 0.4 kw (1/2 hp)
FV100-230-/460-60 or FV100-230-/460-60-NW16 ..... 230 or 460V, 60 Hz, 3ø, 0.4 kw (1/2 hp)

Model FV140-5 — 5 cfm • 140 liters/min • 8.5m^3/hr

FV140-115-60 ..... 140-115-60115V, 60 Hz, 1ø (1/2 hp)
FV140-230-60 ..... 140-230-60230V, 60 Hz, 1ø (1/2 hp)

Model FV200-7 — 7 cfm • 200 liters/min • 12m^3/hr

FV200-115/230-60 or 200-115/230-60-NW16 ..... 115 or 208 to 230V, 60 Hz, 1ø, 0.4 kw (1/2 hp)
FV200-115/230-50/60 or 200-115/230-50/60-NW16 ..... 115 or 230V, 50 or 60 Hz, 1ø, 0.4 kw (1/2 hp)
FV200-OPT-380-50/60 or 200-OPT-380-50/60-NW16 ..... 230 or 380V, 50 or 60 Hz, 3ø, 0.4 kw (1/2 hp)
FV200-230-/460-60 or 200-230-/460-60-NW16 ..... 230 or 460V, 60 Hz, 3ø, 0.4 kw (1/2 hp)

Model FV400-14 — 14 cfm • 400 liters/min • 24m^3/hr

FV400-115/230-50/60 ..... 115 or 230V, 50 or 60 Hz, 1ø, 0.75 kw (1 hp)
FV400-OPT-380-50/60 ..... 220 or 380V, 50 or 60 Hz, 3ø, 0.75 kw (1 hp)
FV400-230/460-60 ..... 230 or 460V, 60 Hz, 3ø, 0.75 kw (1 hp)

Model FV600-21 — 21 cfm • 600 liters/min • 36m^3/hr

FV600-CE-230-460-60 ..... 230 or 460V, 60 Hz, 3ø, 1.5 kw (2 hp)
FV600-CE-380-50/60 ..... 220 or 380V, 50/60 Hz, 3ø, 1.5 kw (2 hp)
FV600-CE-380-50 ..... 208 or 380V, 50 Hz, 3ø, 1.5 kw (2 hp)

Model FV800-28 — 28 cfm • 800 liters/min • 48m^3/hr

FV800-CE-230-460-60 ..... 230 or 460V, 60 Hz, 3ø, 1.5 kw (2 hp)
FV800-CE-380-50/60 ..... 220 or 380V, 50/60 Hz, 3ø, 1.5 kw (2 hp)
FV800-CE-380-50 ..... 208 or 380V, 50 Hz, 3ø, 1.5 kw (2 hp)

Model FV1000-35 — 35 cfm • 1000 liters/min • 60m^3/hr

FV1000-CE-380 50/60 ..... 220/380V, 50/60 Hz, 3ø, 1.5 kw (2 hp)
FV1000-CE-230-460 50/60 ..... 230/460V, 50/60 Hz, 3ø, 1.5 kw (2 hp)

Model FV1500-53 — 53 cfm • 1500 liters/min • 90m^3/hr

FV1500-CE-380 50/60 ..... 220/380V, 50/60 Hz, 3ø, 3.7 kw (5 hp)
FV1500-CE-230-460 50/60 ..... 230/460V, 50/60 Hz, 3ø, 3.7 kw (5 hp)

Model FV1800-64 — 64 cfm • 1800 liters/min • 108m^3/hr

FV1800-CE-380 50/60 ..... 220/380V, 50/60 Hz, 3ø, 3.7 kw (5 hp)
FV1800-CE-230-460 50/60RED ..... 230/460V, 50/60 Hz, 3ø, 3.7 kw (5 hp)